

GENERAL INFORMATION FOR POSTERS/ABSTRACTS

The 2012 RSA Poster Sessions are scheduled on
Sunday, Monday and Tuesday from 4:00pm - 6:00pm
and Wednesday from 1:30pm - 3:30pm

For all-day viewing, please mount your posters by 9:00am on your scheduled day.

To avoid accidental removal, do not mount your poster
the night before your scheduled day.

LOCATION: Posters will be set-up in **PACIFIC CONCOURSE D-O** (we will only utilize H-O on Wednesday).

MOUNTING: Posters should be mounted between 7:30am and 9:00am on your scheduled day. Posters should remain mounted until the end of the poster session, but must be removed by 6:30pm (or by 3:45pm on Wednesday). The RSA and the Hyatt are not responsible for the posters or their removal.

PUSH PINS: Push pins are available at the entrance of the rooms where posters are to be set-up. As a courtesy, return the push pins after use for the next group of presenters. **Do not leave the push pins in the poster boards - return to the tables.**

MANNING: Posters should be manned by the presenting author for a 1-hour period - **EVEN poster numbers during the 1st hour and ODD poster numbers during the second hour** (the poster number is the first one listed). Gordis Award finalists manning period is indicated by a 1 or 2 in the schedule.

NUMBER CODE: The numbers preceding the titles in the Schedule of Posters indicate the Poster Number (at the meeting) - Day of Presentation (S=Sunday, M=Monday, T=Tuesday, W=Wednesday) - Abstract Number (in the ACER journal supplement).

AUTHOR INDEX: The Author Index for Abstracts is located in the ACER Abstract Supplement - it includes authors for both poster and speaker presentations. **Abstract supplements are available at the RSA Desk.**

HIGHLIGHTED ABSTRACTS:

GORDIS AWARDS: Enoch Gordis Award Finalists' posters are highlighted in the Schedule of Posters. On days they are not scheduled for manning, these posters will be mounted in a separate area for viewing. The Gordis Finalists will also present in a Paper Session (Students on Sunday Evening; Post-Docs on Monday Evening). Awardees will be announced at the Closing Ceremony.

SUMMARY OF 2012 RSA POSTERS/ABSTRACTS

NOTE: The numbers listed are the Poster Numbers as they will appear on the Poster Boards at the meeting / and the Abstract Numbers as they appear in the journal supplement.

SUNDAY - Posters 1-322 / Abstracts 1-322

1. GENETICS

a. Microarrays/genomics - human/animal 1-12 / 1-12

2. MOLECULAR / CELL BIOLOGY C.N.S.

a. Posttranslation modification 13-14 / 13-14
b. Membrane Biology 15-19 / 15-19
c. Other 20-27 / 20-27

3. PHARMACOLOGY C.N.S.

a. Medications Development (more on Monday) 28-38 / 28-38
b. Other 39-48 / 39-48

4. ANIMAL BEHAVIOR

a. Motor 49-59 / 49-59
b. Consumption/Self-Administration (more on Monday) 60-73 / 60-73

5. PATHOLOGY: HUMAN/ANIMAL

a. Hepatic / Gastrointestinal Tract (more on Monday) 74-83 / 74-83
b. Immunology 84-98 / 84-98
c. Brain (more on Monday) 99-108 / 99-108

6. FETAL ALCOHOL SYNDROME/DEVELOPMENT

a. Physiology 109-116 / 109-116
b. Human 117 / 117
c. Diagnosis 118-134 / 118-134

7. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS

a. Neurobiology and Neuro-imaging 135-151 / 135-151
b. Cognitive Determinants (info processing, expectancies, motivation) (more on Monday, Tuesday and Wednesday) 152-163 / 152-163
c. Other (more on Monday) 164-177 / 164-177

8. CONSEQUENCES OF ALCOHOL CONSUMPTION IN HUMANS

a. Health harms / benefits (more on Monday) 178-187 / 178-187
b. Mood and Affect 188-205 / 188-205

9. PREVENTION

a. Policy 206-221 / 206-221
b. Other 222-229 / 222-229

10. TREATMENT / RECOVERY

a. Psychotherapy (more on Monday) 230-241 / 230-241
b. Other 242-259 / 242-259

11. EPIDEMIOLOGY

a. Alcohol consumption rates, drinking patterns (more on Monday and Tuesday) 260-275 / 260-275
b. Alcohol abuse, dependence 276-285 / 276-285
c. Morbidity and Mortality 286-290 / 286-290

12. PHARMACOKINETICS AND METABOLISM

291-295 / 291-295

13. LIFESPAN / DEVELOPMENT

a. Infancy / Childhood 296-300 / 296-300
b. Adolescence 301-316 / 301-316
c. Aging 317-322 / 317-322

MONDAY – Posters: 1-321 / Abstracts: 323-643

1. GENETICS

a. Lab animal - behavioral 1-17 / 323-339

2. PHARMACOLOGY C.N.S.

a. Neurotransmitters (more on Tuesday) 18-35 / 340-357
b. Medications Development (more on Sunday) 36-49 / 358-371

3. PHYSIOLOGY C.N.S.

a. Electrophysiology (more on Tuesday) 50-66 / 372-388

4. ANIMAL BEHAVIOR

a. Consumption/Self-Administration (more on Sunday) 67-81 / 389-403
b. Stress/Anxiety 82-100 / 404-422

5. PATHOLOGY: HUMAN/ANIMAL

a. Hepatic / Gastrointestinal Tract (more on Sunday) 101-113 / 423-435
b. Brain (more on Sunday) 114-126 / 436-448

6. FETAL ALCOHOL SYNDROME / DEVELOPMENT

a. Cell Biology 127-142 / 449-464

7. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS

a. Social/Cultural norms (beliefs, attitudes, values) (more on Tuesday) 143-155 / 465-477
b. Cognitive Determinants (info processing, expectancies, motivation) (more on Sunday, Tuesday and Wednesday) 156-173 / 478-495
c. Other (more on Sunday) 174-190 / 496-512

8. CONSEQUENCES OF ALCOHOL CONSUMPTION IN HUMANS

a. Health harms / benefits (more on Sunday) 191-206 / 513-528
b. Perceptual-motor 207-211 / 529-533
c. Medical 212-216 / 534-538
d. Other 217-224 / 539-546

9. PREVENTION

a. Environmental risk assessment (community, family, work, college) 225-236 / 547-558
b. School and other individual-based interventions 237-241 / 559-563
c. Organization and community-based interventions 242-244 / 564-566

10. TREATMENT / RECOVERY

a. Assessment and Diagnosis (more on Tuesday) 245-260 / 567-582
b. Psychotherapy (more on Sunday) 261-275 / 583-597
c. Brief intervention (more on Tuesday) 276-288 / 598-610

11. EPIDEMIOLOGY

a. Alcohol consumption rates, drinking patterns (more on Sunday and Tuesday) 289-299 / 611-621

12. HEALTH SERVICES

a. Services utilization 300-309 / 622-631
b. Access to service 310-314 / 632-636
c. Health economics 315 / 637

13. QUANTITATIVE/COMPUTER METHODS

316-321 / 638-643

SUMMARY OF 2012 RSA POSTERS/ABSTRACTS

NOTE: The numbers listed are the Poster Numbers as they will appear on the Poster Boards at the meeting / and the Abstract Numbers as they appear in the journal supplement.

TUESDAY – Posters: 1-321 / Abstracts: 644-964

1. GENETICS

- a. Human (more on Wednesday) 1-18 / 644-661
- b. Lab animal - transgenics/ knock-outs/ ins (more on Wednesday) 19-32 / 662-675

2. MOLECULAR / CELL BIOLOGY C.N.S.

- a. Epigenetics 33-48 / 676-691

3. PHARMACOLOGY C.N.S.

- a. Neurotransmitters (more on Monday) 49-64 / 692-707

4. PHYSIOLOGY C.N.S.

- a. Electrophysiology (more on Monday) 65-80 / 708-723

5. ANIMAL BEHAVIOR

- a. Learning/Memory 81-90 / 724-733
- b. Other 91-102 / 734-745

6. PATHOLOGY: HUMAN/ANIMAL

- a. Pulmonary / Cardiac / Vascular 103-111 / 746-754
- b. Musculoskeletal Disorders 112-114 / 755-757
- c. Adipose / Endocrine 115-117 / 758-760
- d. Epigenetics 118-120 / 761-763
- e. Cellular / Molecular 121-126 / 764-769
- f. Other 127-128 / 770-771

7. FETAL ALCOHOL SYNDROME / DEVELOPMENT

- a. Behavior / Cognition (more on Wednesday) 129-143 / 772-786
- b. Neurobiology (more on Wednesday) 144-155 / 787-798
- c. Prevention / Treatment 156-173 / 799-816

8. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS

- a. Negative affect regulation (affective disturbance, stress, anxiety) (more on Wednesday) 174-188 / 817-831
- b. Positive affect regulation (reward seeking) 189-196 / 832-839
- c. Social/Cultural norms (beliefs, attitudes, values) (more on Monday) 197-210 / 840-853
- d. Cognitive Determinants (info processing, expectancies, motivation) (more on Sunday, Monday and Wednesday) 211-225 / 854-868
- e. Learning (modeling reinforcement, classical conditioning) 226 / 869

9. CONSEQUENCES OF ALCOHOL CONSUMPTION IN HUMANS

- a. Social harms (family, financial, legal or work problems) (more on Wednesday) 227-244 / 870-887
- b. Learning and Cognition 245-263 / 888-906

10. TREATMENT / RECOVERY

- a. Assessment and Diagnosis (more on Monday) 264-282 / 907-925
- b. Brief intervention (more on Monday) 283-293 / 926-936
- c. Pharmacotherapy (more on Wednesday) 294-306 / 937-949

11. EPIDEMIOLOGY

- a. Alcohol consumption rates, drinking patterns (more on Sunday and Monday) 307-319 / 950-962

12. TRAINING/EDUCATION METHODS 320-321 / 963-964

WEDNESDAY – Posters: 1-208 / Abstracts: 965-1172

1. GENETICS

- a. Human (more on Tuesday) 1-16 / 965-980
- b. Lab animal - transgenics/ knock-outs/ ins (more on Tuesday) 17-28 / 981-992
- c. other 29-30 / 993-994

2. MOLECULAR / CELL BIOLOGY C.N.S.

- a. Gene expression 31-48 / 995-1012

3. PHARMACOLOGY C.N.S.

- a. Neuropeptides 49-65 / 1013-1029

4. PHYSIOLOGY C.N.S.

- a. Imaging – nonhuman 66-67 / 1030-1031
- b. Imaging - human 68-87 / 1032-1051
- c. Other 88 / 1052

5. FETAL ALCOHOL SYNDROME / DEVELOPMENT

- a. Behavior / Cognition (more on Tuesday) 89-105 / 1053-1069
- b. Neurobiology (more on Tuesday) 106-115 / 1070-1079

6. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS

- a. Negative affect regulation (affective disturbance, stress, anxiety) (more on Tuesday) 116-131 / 1080-1095
- b. Cognitive Determinants (info processing, expectancies, motivation) (more on Sunday, Monday and Tuesday) 132-148 / 1096-1112

7. CONSEQUENCES OF ALCOHOL CONSUMPTION IN HUMANS

- a. Social harms (family, financial, legal or work problems) (more on Tuesday) 149-162 / 1113-1126

8. TREATMENT / RECOVERY

- a. Self-help 163-176 / 1127-1140
- b. Pharmacotherapy (more on Tuesday) 177-190 / 1141-1154

9. EPIDEMIOLOGY

- a. Special Populations (children/adolescents, ethnic groups, gender) 191-208 / 1155-1172

2012 RSA SCHEDULE OF POSTERS

SUNDAY, JUNE 24 ~ ~ ~ 4:00PM - 6:00PM

1. GENETICS

(Poster Numbers 1-12 / Abstract Numbers 1-12)

a. Microarrays/Genomics - human/animal

- 001-S-001 EXOME SEQUENCING OF ILS AND ISS MOUSE STRAINS: DETECTION OF SEQUENCE VARIATION UNDERLYING ALCOHOL ACTION.** L. Dumas, M. O'Bleness, N. Anderson, C.M. Dickens, and J.M. Sikela Univ. of Colorado Denver School of Med., Dept. of Biochemistry and Molecular Genetics Aurora CO 80045
- 002-S-002 HIGH DRINKING IN THE DARK (HDID) SELECTED LINES AND BRAIN GENE NETWORKS** O. Iancu, D. Oberbeck, K. Sexton, P. Metten, S. McWeeney, J. C. Crabbe, R. Hitzemann. Portland Alcohol Res. Ctr., Oregon Health & Science Univ. and Veterans Affairs Med. Ctr. Portland OR 97239
- 003-S-003 GENE EXPRESSION IN BRAIN AND LIVER PRODUCED BY THREE DIFFERENT REGIMENS OF ALCOHOL CONSUMPTION IN MICE: COMPARISON WITH IMMUNE ACTIVATION** E.A. Osterndorff-Kahanek; I. Ponomarev; Y.A. Blednov; R.A. Harris Waggoner Ctr. for Alcohol and Addiction Res., Colleges of Natural Science and Pharmacy, Univ. of Texas at Austin, Austin TX 78712
- 004-S-004 ETHANOL REGULATION OF GSK3 β IN PFC** B Coffa; X Meng; M Miles VCU Richmond VA 23298
- 005-S-005 ALTERATIONS TO THE SYNAPTIC TRANSCRIPTOME IN RESPONSE TO ETHANOL-INDUCED SENSITIZATION.** M.A. O'Brien; M.F. Miles. Virginia Commonwealth Univ., Dept. of Pharmacology/Toxicology, Richmond VA 23298
- 006-S-006 IDENTIFICATION OF ALCOHOL-INDUCED MIRNOMES IN DISTINCT AREAS OF THE MOUSE BRAIN.** Y.O. Nunez; J.M. Truitt, O. Ponomareva, G.Gorini, G.R. Tiwari, Y.A. Blednov; R.A. Harris; R.D. Mayfield. Waggoner Ctr. for Alcohol and Addiction Res., Univ. of Texas, Austin TX 78712
- 007-S-007 CHRONIC INTERMITTENT ETHANOL EXPOSURE ALTERS MICRO-RNA EXPRESSION IN VENTRAL TEGMENTAL AREA DA NEURONS-APPLICATION OF LASER CAPTURE MICRODISSECTION** Z, Mei1; X, Sun2; S, Carreon1; J, Xie1; and M, Qiang1 1Dept of Pharmacology, The Univ of Texas Health Science Ctr., San Antonio, TX 2 Core of Laser Capture, Univ of North Texas Health Science Ctr., Fort Worth, TX
- 008-S-008 THE ROLE OF SMALL RNA IN THE GENETIC PREDISPOSITION TO ALCOHOL CONSUMPTION** K. Kechris, S. Flink, L. Saba, P. Hoffman, B. Tabakoff Univ. of Colorado Denver, School of Med. Aurora CO 80045
- 009-S-009 SAME PATHWAY, DIFFERENT PERTURBATION: IDENTIFYING COMMON GENETIC THEMES ACROSS MULTIPLE RAT MODELS OF ALCOHOL CONSUMPTION** L.M. Saba; P.L. Hoffman; S. Flink; L. Vanderlinden; Y. Israel; L. Tampier; G. Colombo; K. Kianmaa; R. L. Bell; B. Tabakoff Univ. of Colorado Denver, School of Med. Aurora CO 80045
- 010-S-010 ALCOHOLISM TARGETS GAMMA-AMINOBUTYRIC ACID TYPE B RECEPTOR SUBUNIT 1 SPLICING IN HUMAN BRAIN** C. Lee; R.D. Mayfield; R.A. Harris Waggoner Ctr. for Alcohol and Addiction Res., Univ. of Texas at Austin Austin TX 78712
- 011-S-011 ALTERED EXPRESSION OF CYTOKINE SIGNALING PATHWAY GENES IN PERIPHERAL BLOOD CELLS OF ALCOHOL DEPENDENT SUBJECTS** R.D. Beech; J. Qu; J.J. Leffert; A. Lin; K.A. Hong; J. Hansen; S. Umlauf; S. Mane; H. Zhao; and R. Sinha Yale Univ., School of Med. New Haven CT 06511
- 012-S-012 BEHAVIORAL AND MOLECULAR EFFECTS OF ACUTE PRENATAL EXPOSURE TO ETHANOL ARE ALTERED BY SOCIAL ENRICHMENT** F.A. Middleton 1,4; E.I. Varlinskaya 2,4; S.M. Mooney 3,4 1 Neuroscience & Physiology, SUNY Upstate Med. Univ., 2 Psychology, Binghamton Univ., 3 Pediatrics, Univ. of Maryland Baltimore, 4 Developmental Exposure Alcohol Res. Ctr.

2. MOLECULAR / CELL BIOLOGY C.N.S.

(Poster Numbers 13-27 / Abstract Numbers 13-27)

a. Posttranslation Modification

- 013-S-013 A HISTORY OF BINGE ALCOHOL DRINKING AUGMENTS HOMER2 EXPRESSION, AS WELL AS PI3K AND ERK SIGNALING, WITHIN THE BNST** M.G. Wroten; A.R. Williams; K.K. Szumlinski Dept. of Psychological and Brain Sciences and the Neuroscience Res. Inst., Univ. of California at Santa Barbara Santa Barbara CA 93106
- 014-S-014 MOLECULAR SIGNALING MECHANISMS REGULATE FUNCTIONAL RESISTANCE OF THE NMDA RECEPTOR TO INHIBITION BY ACUTE ALCOHOL** L. Xue; A. Mattson; W. R. Proctor; P. H. Wu. Dept. of Psychiatry, Univ. of Colorado Denver School of Med. Aurora CO 80045

b. Membrane Biology

- 015-S-015 LOOP 2 SEQUENCE PROFOUNDLY AFFECTS THE SENSITIVITY OF ALPHA 1 GLYCINE RECEPTORS (GLYRS) TO ETHANOL** R. L. Alkana; D. Perkins, K. Li; G. E. Homanics, A. Naito J.R. Trudell and D.L. Davies Univ. of Southern California School of Pharmacy Los Angeles CA 90033
- 016-S-016 ACTIVITY-DEPENDENT PROCESSES UNDERLIE CHRONIC ETHANOL-INDUCED ENHANCEMENT OF SYNAPTOPODIN EXPRESSION IN HIPPOCAMPAL NEURONS** P.J. Mulholland; K.M. Currie; L.J. Chandler Med. Univ. of South Carolina Charleston SC 29425

2012 RSA SCHEDULE OF POSTERS

SUNDAY, JUNE 24 ~ ~ ~ 4:00PM - 6:00PM

2. MOLECULAR / CELL BIOLOGY C.N.S. - Cont'd (Poster Numbers 13-27 / Abstract Numbers 13-27)

b. Membrane Biology - cont'd

- 017-S-017 CHRONIC ETHANOL EXPOSURE DECREASES Kv4.2 CHANNEL AND KChIP3 EXPRESSION IN THE HIPPOCAMPUS** K.B. Spencer P.J. Mulholland; S. Kroener; L.J. Chandler Med. Univ. of South Carolina, Dept. of Neurosciences & Charleston Alcohol Res. Ctr. Charleston SC 29425
- 018-S-018 COMMON AND DISTINCT MECHANISMS IN BK CHANNEL-MEDIATED RESPONSES OF CEREBRAL ARTERIES TO ALCOHOL AND CHOLESTEROL** A. N. Bukiya, A. M. Dopico Dept. of Pharmacology, College of Med., Univ. of Tennessee Health Science Ctr. Memphis TN 38163
- 019-S-019 GORDIS AWARD FINALIST - STRUCTURAL BASIS FOR ALCOHOL MODULATION OF A BACTERIAL LIGAND-GATED ION CHANNEL** R.J. Howard; S. Murail; T. Broemstrup; K.E. Ondricek; S. Horani; U.S. Lee; P.-J. Corringer; E. Lindahl; J.R. Trudell; R.A. Harris Waggoner Ctr. for Alcohol and Addiction Res., The Univ. of Texas at Austin Austin TX 78705

c. Other

- 020-S-020 BINDING OF ALCOHOL TO THE C1 DOMAIN OF PKC EPSILON** J. Das; S. Pany Dept. of Pharmacological and Pharmaceutical Sciences, Univ. of Houston, Houston TX 77204
- 021-S-021 ALCOHOL DEPENDENCE PRODUCES ALLOSTATIC SHIFTS IN NEUROPEPTIDE Y (NPY) LEVELS IN THE EXTENDED AMYGDALA OF RATS** B.B. Baynes and N.W. Gilpin LSU Health Sciences Ctr., Dept. of Physiology, New Orleans LA 70112
- 022-S-022 ASSESSING THE ROLE OF PKA IN ETHANOL ACTION IN ADOLESCENT SPRAGUE-DAWLEY RATS** E.D. Gigante, J.L. Santerre, and D.F. Werner. Ctr. for Development and Behavioral Neuroscience, Dept. of Psychology, Binghamton Univ. Binghamton NY 13902
- 023-S-023 INVESTIGATION OF PKC IN ADOLESCENT ETHANOL-ACTION IN SPRAGUE-DAWLEY RATS** J.L. Santerre, E.D. Gigante and D.F. Werner. Ctr. for Development and Behavioral Neuroscience, Dept. of Psychology, Binghamton Univ. Binghamton NY 13902
- 024-S-024 BINGE ALCOHOL CONSUMPTION PRODUCES SEX-DEPENDENT ALTERATIONS IN PI3K-ASSOCIATED SIGNALING MOLECULES WITHIN THE NUCLEUS ACCUMBENS OF MICE** D.K. Cozzoli; M.N. Strong; M.R. Forquer; M.A. Tanchuck; C. Snelling; K.M. Wiren; D.A. Finn. VA Med. Res. and Dept Behavioral Neuroscience, Oregon Health & Science Univ Portland OR 97239
- 025-S-025 ACUTE ETOH-INDUCED ALTERATIONS IN CENTRAL CYTOKINES IN RATS WITH A HISTORY OF LONG-TERM MODERATE ETHANOL CONSUMPTION** T. L. Doremus-Fitzwater, M. E. Jones, A. Okrainets and T. Deak. Behavioral Neuroscience Prog., Psychology Dept, Binghamton Univ. Binghamton NY 13902
- 026-S-026 BINGE EXPERIENCE ALTERS NUCLEUS ACCUMBENS AND HIPPOCAMPAL GENE EXPRESSION IN ADOLESCENT AND ADULT MICE** M.N Strong, D.K. Cozzoli, J.G. Hashimoto, M.A. Tanchuck, C. Snelling, K.M. Wiren, D.A. Finn VA Med. Res. and Dept Behavioral Neuroscience, Oregon Health & Science Univ Portland OR 97239
- 027-S-027 ACUPUNCTURE REDUCES ALCOHOL INTAKE BY DOWN REGULATING FOSB/ Δ FOSB IN THE CORTEX** J. Li, Y. Sun, J. Ye New Jersey Med. School Newark NJ 07103

3. PHARMACOLOGY C.N.S. (Poster Numbers 28-48 / Abstract Numbers 28-48)

a. Medications Development (more on Monday)

- 028-S-028 ACTIVATION OF β 3 ADRENOCEPTORS IN THE BASOLATERAL AMYGDALA REDUCES ETHANOL DRINKING BEHAVIORS IN MALE LONG EVANS RATS** T.R. Butler, A.M. Chappell, J.L. Weiner Dept. of Physiology and Pharmacology, Translational Ctr. for the Neurobehavioral Study of Alcohol, Wake Forest Univ. School of Med. Winston Salem NC 27157
- 029-S-029 EFFICACIOUS KAPPA ANTAGONISTS FOR DECREASING ALCOHOL SELF-ADMINISTRATION** Cashman JR1, Azar MR2 Human BioMolecular Res. Inst., San Diego, CA1, Behavioral Pharma, Inc, La Jolla, CA2
- 030-S-030 EFFECTS OF DUTASTERIDE ON ALCOHOL RESPONSES IN A LABORATORY SETTING AND ON DRINKING IN THE NATURAL ENVIRONMENT** J. Covault, T. Pond, R. Feinn, A. Arias, and H. Kranzler Univ. of Connecticut Health Ctr. Farmington CT 06030
- 031-S-031 NALTREXONE PLUS PRAZOSIN DECREASES ALCOHOL DRINKING MORE EFFECTIVELY THAN DOES EITHER DRUG ALONE IN A RODENT MODEL OF HIGH ALCOHOL DRINKING** J.C. Froehlich, B. Hausauer, D.D. Rasmussen. Indiana Univ. School of Med., Indianapolis IN 46202
- 032-S-032 PRAZOSIN, AN α 1-ADRENERGIC RECEPTOR ANTAGONIST, BLOCKS THE EXPRESSION OF A GENETIC PREDISPOSITION TOWARD HIGH VOLUNTARY ALCOHOL DRINKING** J.C. Froehlich, B. Hausauer, D.D. Rasmussen. Indiana Univ. School of Med., Indianapolis IN 46202

2012 RSA SCHEDULE OF POSTERS

SUNDAY, JUNE 24 ~ ~ ~ 4:00PM - 6:00PM

3. PHARMACOLOGY C.N.S. - Cont'd (Poster Numbers 28-48 / Abstract Numbers 28-48)

a. Medications Development - cont'd (more on Monday)

- 033-S-033 VARENICLINE DOES NOT ATTENUATE THE EXPRESSION OF ETHANOL-INDUCED CPP OR THE DEVELOPMENT OF ETHANOL-INDUCED SENSITIZATION IN DBA/2J MICE** N.R. Gubner; C.S. McKinnon; C.L. Cunningham; T.J. Phillips Portland VA Med. Ctr., Portland Alcohol Res. Ctr., Dept. of Behavioral Neuroscience, Oregon Health & Science Univ. Portland OR 97239
- 034-S-034 VARENICLINE REGULATES ETHANOL CONSUMPTION IN RATS BY ACTIONS IN THE NUCLEUS ACCUMBENS** A.A. Feduccia¹, J.A. Simms¹, D.J. Mill¹, H.Y. Yi¹, S. Chatterjee¹, C. Campos², M. Quik², S.E. Bartlett¹. ¹Ernest Gallo Clinic and Res. Ctr., Univ. of California San Francisco Emeryville CA 94608
- 035-S-035 ANTI-INFLAMMATORY PROPERTIES OF SPECIFIC FLAVONOIDS IS MEDIATED THROUGH ALPHA7 NICOTINIC RECEPTORS: IMPLICATIONS FOR ALCOHOL INDUCED NEURODEGENERATION** J.A. Lutz; D.T. Rogers; N. D'Souza El-Guindy; J.M. Littleton Univ. of Kentucky Lexington KY 40506
- 036-S-036 WITHDRAWN**
- 037-S-037 PRECLINICAL TESTING OF A NOVEL DRUG THERAPY FOR ALCOHOL USE DISORDERS** M. Yardley; S. Khoja; L. Asatryan; K.E. Rodgers; M.W. Jamieson; M. Bortolato; S.G. Louie; D.A. Finn; R.L. Alkana; D.L. Davies Univ. of Southern California Los Angeles CA 90033
- 038-S-038 1 GORDIS AWARD FINALIST - ENDOCANNABINOIDS MEDIATE NEUROTOXICITY AND NEUROPROTECTION IN AN IN VITRO MODEL OF ETHANOL-INDUCED NEUROTOXICITY** Liput, D.1; Prendergast, M.2; Nixon, K.1 ¹Dept. of Pharmaceutical Sciences, College of Pharmacy, Univ. of Kentucky, Lexington, KY ²Dept. of Psychology, Univ. of Kentucky, Lexington, KY

b. Other

- 039-S-039 CHRONIC ALCOHOL EXPOSURE INCREASES SELF-ADMINISTRATION OF ALCOHOL AND KAPPA-OPIOID RECEPTOR AGONIST-STIMULATED G-PROTEIN SIGNALING IN RAT AMYGDALA.** S. Sirohi; B.M. Walker. Lab. of Alcoholism and Addictions Neuroscience, Dept. of Psychology, Translational Addictions Res. Ctr., Washington State Univ. Pullman WA 99164
- 040-S-040 THE EVOLUTION OF PLANT METABOLITES FOR SMOKING CESSATION IN ALCOHOLICS.** D.P. Brown; D.T. Rogers; S. Gunjan; J.M. Littleton; G.A. Gerhardt. Univ. of Kentucky Lexington KY 40506
- 041-S-041 COMBINED INHIBITION OF REWARD AND CONDITIONING PREVENTS RELAPSE IN AN ANIMAL MODEL OF ALCOHOL DEPENDENCE.** E. Karahanian¹, M.E. Quintanilla², L. Tampier², M. Rivera-Meza², M. Herrera-Marschitz², Y. Israel². ¹Faculty of Med., Universidad Diego Portales¹, and ²Faculties of Chemical and Pharm Sci and Med., Univ. of Chile², Santiago, CHILE
- 042-S-042 NEUROPROTECTIVE EFFECTS OF LOW ALCOHOL CONCENTRATION AGAINST LPS-INDUCED TOXICITY IN CULTURED CELLS** Y. Tizabi; Z. Qualls; D.O. Brown; Y. Chin; L.L. Hurley; R.E. Taylor Dept. of Pharmacology, Howard Univ. College of Med. Washington DC 20059
- 043-S-043 INVESTIGATING THE ROLE OF SEROTONIN IN IMPULSIVE CHOICE WITH TRYPTOPHAN DEPLETION** M.K. Kelm and C.A. Boettiger Univ. of North Carolina at Chapel Hill, Dept. of Psychology Chapel Hill NC 27599
- 044-S-044 ETHANOL ATTENUATES CAPSAICIN INDUCED HYPERALGESIA** A Perrino, E Ralevski, G Acampora, J Koretski, D Limoncelli, I Petrakis Yale Univ. School of Medicine, VA CT Healthcare System, Alcohol Research Ctr. West Haven CT 06516
- 045-S-045 SUBJECTIVE EFFECTS OF THIOPENTAL IN YOUNG ADULTS WITH AND WITHOUT A FAMILY HISTORY OF ALCOHOLISM** K Kerfoot; B Pittman; E Ralevski; A Perrino; J Koretski; J Newcomb; D Limoncelli; G Acampora; I Petrakis Yale Univ. School of Med., VA CT Healthcare System, Dept. of Psychiatry, Alcohol Res. Ctr., West Haven, CT
- 046-S-046 PRAZOSIN, AN α 1-ADRENERGIC RECEPTOR ANTAGONIST, DECREASES VOLUNTARY ALCOHOL INTAKE BY WISTAR RATS IN THE INTERMITTENT ACCESS TO ALCOHOL (IAA) MODEL.** C.L. Kincaid, D.D. Rasmussen VISN 20 Mental Illness Res., Education and Clinical Ctr. (MIRECC), VA Puget Sound Health Care System and Dept. of Psychiatry, Univ. of Washington Seattle WA 98108
- 047-S-047 ESTROGEN AND BENZODIAZEPINE FOR BIOENERGETICS OF ETHANOL WITHDRAWAL.** Ju X, Metzger DB, Jung ME. Univ. of North Texas Health Science Ctr. at Fort Worth, Fort Worth TX 76107
- 048-S-048 THE EFFECT OF ACUTE ESTROGEN ON VENTILATORY RESPONSE DURING ALCOHOL WITHDRAWAL** Jung ME, Metzger DB. Univ. of North Texas Health Science Ctr. at Fort Worth, Fort Worth TX 76107

2012 RSA SCHEDULE OF POSTERS

SUNDAY, JUNE 24 ~ ~ ~ 4:00PM - 6:00PM

4. ANIMAL BEHAVIOR

(Poster Numbers 49-73 / Abstract Numbers 49-73)

a. Motor

- 049-S-049 INDIVIDUAL DIFFERENCES IN ETHANOL BEHAVIORAL SENSITIZATION ARE ASSOCIATED WITH D1 RECEPTOR INTRA-CELLULAR SIGNALING OF DARPP-32 IN NUCLEUS ACCUMBENS** K.P. Abrahao; F.O. Goeldner; M.L.O. Souza-Formigoni Departamento de Psicobiologia, Escola Paulista de Medicina, Univ. Federal de Sao Paulo, Sao Paulo, SP, 04024-002, Brazil
- 050-S-050 IDENTIFICATION OF SPECIFIC STRIATAL MOLECULAR TARGETS INVOLVED IN THE INHIBITORY EFFECT OF SODIUM BUTYRATE ON ETHANOL-INDUCED BEHAVIORAL SENSITIZATION** R. Legastelois; B. Botia; M. Naassila Inserm Eri 24, Res. Group on Alcohol and Pharmacodependences (GRAP), Univ. of Picardie Jules Verne, Amiens, France, SFR CAP Sante
- 051-S-051 ANXIETY-LIKE BEHAVIOR AND BDNF LEVELS AS MARKERS OF VULNERABILITY TO ETHANOL-INDUCED BEHAVIORAL SENSITIZATION** B. Botia; R. Legastelois; S. Alaux-Cantin; H. Houchi; M. Naassila Inserm Eri 24, Res. Group on Alcohol and Pharmacodependences (GRAP), Univ. of Picardie Jules Verne, Amiens, France, SFR CAP Sante
- 052-S-052 EFFECT OF EARLY-ADOLESCENT ALCOHOL AND MK801 EXPOSURE ON DEVELOPMENT OF QUINPIROLE-INDUCED BEHAVIORAL SENSITIZATION IN MALE WISTAR RATS** T.A. Fuchs; N. Khalifian; C.A. Siciliano; J. Sabeti SUNY Binghamton, Behavioral Neuroscience Binghamton NY 13902
- 053-S-053 CHRONIC INTRAGASTRIC ETHANOL EXPOSURE IN ADOLESCENCE OR ADULTHOOD: ASSESSMENT OF TOLERANCE TO ETHANOL-INDUCED MOTOR IMPAIRMENT AND VOLUNTARY INTAKE.** M.A. Broadwater; E.I. Varlinskaya; L.P. Spear Ctr. for Development and Behavioral Neuroscience, Dept. of Psychology, Binghamton Univ. Binghamton NY 13902
- 054-S-054 ACUTE ALCOHOL PRODUCES PROFOUND ATAXIC AND COGNITIVE EFFECTS IN AGED ANIMALS.** A. Novier; C. E. Van Skike; J. L. Diaz-Granados; G. Mittleman; D. B. Matthews. Dept. of Psychology and Neuroscience, Baylor Univ., Waco, TX
- 055-S-055 FREE-CHOICE ETHANOL ACCESS AND DAILY ETHANOL INJECTIONS DO NOT ALTER LOCOMOTOR RESPONSE IN CROSSED HIGH-ALCOHOL PREFERRING MICE** C. R. Kasten; A. S. Vore; D. N. Linsenbardt; L. C. Melon; S. L. Boehm II. Indiana Alcohol Res. Ctr. and Dept. of Psychology, Indiana Univ.-Purdue Univ. Indianapolis Indianapolis IN 46202
- 056-S-056 CIRCADIAN MODULATION OF ACUTE ALCOHOL SENSITIVITY IN DROSOPHILA MELANOGASTER REQUIRES CAMP SIGNALING** L.C. Lyons and K. van der Linde Dept. of Biological Science, Prog. of Neuroscience, Florida State Univ., Tallahassee FL 32306
- 057-S-057 ROLE OF ADRENAL GLUCOCORTICOID SIGNALING IN PREFRONTAL CORTEX GENE EXPRESSION AND ACUTE BEHAVIORAL RESPONSES TO ETHANOL.** B.N. Costin; A.R. Wolen; S. Fitting; K.L. Shelton; M.F. Miles. Virginia Commonwealth Univ., Dept. of Pharmacology Richmond VA 23298
- 058-S-058 EFFECT OF PARTIAL SLEEP-DEPRIVATION ON ALCOHOL-INDUCED LOCOMOTOR ACTIVATION IN ADOLESCENT AND ADULT MICE** C.S. DuBose; G. Hutchinson; B. O'Hara; K.M. Hamre Univ. of TN Health Science Ctr. Memphis TN 38163
- 059-S-059 THE EFFECTS OF BINGE ALCOHOL AT THE TIME OF TRAUMATIC BRAIN INJURY ON FUNCTIONAL SENSORIMOTOR RECOVERY** I.C. Vaagenes, S-Y Tsai, V.A. Husak, A. Elerby, G.L. Kartje Loyola Univ. Chicago , Stritch School of Med. Maywood IL 60153

b. Consumption / Self-Administration (more on Monday)

- 060-S-060 CHRONIC ETHANOL CONSUMPTION INCREASES THE SENSITIVITY OF THE POSTERIOR VENTRAL TEGMENTAL AREA (PVTA) TO THE REINFORCING PROPERTIES OF NICOTINE** Z.A. Rodd; S.R. Hauser, G.A. Deehan, J. E. Toalston, Z-M Ding, R. L. Bell, W.A. Truitt, W.J. McBride Dept Psych, Indiana Univ Sch Med Indianapolis IN 46202
- 061-S-061 NUCLEUS ACCUMBENS PKC EPSILON REGULATES ALCOHOL AND NICOTINE CONSUMPTION IN MICE** A. M. Lee; R. O. Messing Ernest Gallo Clinic & Res. Ctr. at UCSF Emeryville CA 94608
- 062-S-062 NUCLEUS ACCUMBENS CORE ADAPTATIONS THAT PROMOTE PATHOLOGICAL ETHANOL INTAKE IN RATS** T. Seif1, S-J. Chang1, S. L. Gibb1, J. Dadgar1, B. T. Chen2, B. Harvey2, Dorit Ron1, R.t Messing1, A. Bonci1,2, and F. W. Hopf1 1Ernest Gallo Clinic and Res. Ctr., Dept. of Neurology, Univ. of California, San Francisco, Emeryville, CA, 2 NIDA Intramural, Bethesda, MD
- 063-S-063 NEURAL BASIS OF DIFFERENTIAL PERSISTENCE OF REINSTATEMENT BY STIMULI CONDITIONED TO ETHANOL VS. CONVENTIONAL REWARD.** P. Pandey; R. Martin-Fardon; F. Weiss The Scripps Res. Inst. La Jolla CA 92037
- 064-S-064 BIOCHEMICAL ADAPTATIONS IN THE DORSOLATERAL STRIATUM ASSOCIATED WITH ESCALATION OF VOLUNTARY ALCOHOL CONSUMPTION IN RODENTS** N.M. Straight; A.E. Padula; W.C. Griffin III; P.J. Mulholland Med. Univ. of South Carolina Charleston SC 29425
- 065-S-065 DIFFERENTIAL CONDITIONED APPROACH BEHAVIOR TO REWARDS; INDICATION OF DIFFERENCES IN CUE SENSITIVITY IN ALCOHOL PREFERRING P RATS AND WISTARS.** A.M. McCane; C.L. Czachowski; G. J. Fitzgerald and C.C. Laphis. Indiana Univ.-Purdue Univ. Indianapolis, School of Science Indianapolis IN 46202

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4. ANIMAL BEHAVIOR - Cont'd (Poster Numbers 49-73 / Abstract Numbers 49-73)

b. Consumption / Self-Administration - cont'd (more on Monday)

- 066-S-066 VOLUNTARY ALCOHOL INTAKE INCREASES THE REWARDING ACTION OF COCAINE.** P.V. Marquez^{1,2}; A. Tseng¹; A. Hamid²; T.C. Friedman²; K. Lutfy^{1,2} ¹Dept. of Pharmaceutical Sciences, College of Pharmacy, Western Univ. of Health Sciences, POMONA, CA, ²Charles Drew Univ. of Med. and Science, Los Angeles, CA
- 067-S-067 PHASIC NEURAL ACTIVITY IN THE DORSOMEDIAL AND DORSOLATERAL STRIATUM DURING EXTINCTION AND REINSTATEMENT IN GOAL-DIRECTED AND HABIT-TRAINED RATS.** J.T. Klein; R.R. Fanelli; D.L. Robinson Bowles Ctr. for Alcohol Studies and Dept. of Psychiatry, Univ. of North Carolina Chapel Hill NC 27599
- 068-S-068 ENHANCED EXTINCTION LEARNING OF ALCOHOL CUES IS ASSOCIATED WITH PLASTIC CHANGES IN AREAS OF THE PRELIMBIC CORTEX.** J.T. Gass; A. O. Franz; M.F. Olive; L.J. Chandler Dept. of Neurosciences and Ctr. for Drug and Alcohol Problems, Med. Univ. of South Carolina Charleston SC 29425
- 069-S-069 ADOLESCENT BUT NOT ADULT ALCOHOL INITIATION INFLUENCE ALCOHOL CONSUMPTION AFTER A SHORT PERIOD OF DEPRIVATION** MC Fabio; NE Spear; RM Pautassi Instituto de Investigacion Medica M y M Ferreyra (INIMEC-CONICET), Cordoba, CP 5000 Ctr. for Development and Behavioral Neuroscience, Binghamton Univ. Binghamton NY 13902
- 070-S-070 MODELLING THE COMORBIDITY ALCOHOL USE DISORDERS-SCHIZOPHRENIA : CRITICAL ROLE FOR THE ADOLESCENCE PERIOD** J. Jeanblanc; F. Coune; M. Naassila INSERM ERI24-Res. Group on Alcoholism and Pharmacodependences (GRAP)-Univ. of Picardie Jules Verne, Amiens, France-SFR-CAP Sante
- 071-S-071 SEX DIFFERENCES IN ETHANOL DRINKING AND BEHAVIORAL RESPONSES TO CHRONIC INTERMITTENT ETHANOL EXPOSURE** T. Nadav, L.N. Cates, A.J. Roberts The Scripps Res. Inst., La Jolla, CA
- 072-S-072 THE INFLUENCE OF ALCOHOL AND CAFFEINE INTAKE ON THE ETHANOL PREFERENCE FORMING IN RATS: SEX DIFFERENCES** A.Y. Egorov, E.O. Kutcher, E.V. Filatova, K.O. Kulagina Behavior Neurophysiology and Pathology Lab., IM Sechenov Inst. of Evolutionary Physiology and Biochemistry, 194223 St Petersburg, Russia
- 073-S-073 AN ETHANOL VAPOR CHAMBER FOR SMALL ANIMALS** J. Wang; L.H. Jiang; H.Y. Du; G.F. Mason Depts. of Diagnostic Radiology & Psychiatry, Yale Univ., New Haven, CT, 06519, Wuhan Inst. of Physics and Mathematics, Chinese Academy of Sciences, Wuhan China 430071

5. PATHOLOGY: HUMAN / ANIMAL (Poster Numbers 74-108 / Abstract Numbers 74-108)

a. Hepatic / Gastrointestinal Tract (more on Monday)

- 074-S-074 DIFFERENTIAL EXPRESSION OF GENES AND TRANSCRIPTION FACTORS RELATED TO ALCOHOLIC HEPATIC STEATOSIS IN THREE STRAINS OF RATS** S. Kondraganti; K.K. Bhopale; H. Fernando; B.S. Kaphalia; G.A.S. Ansari. The Univ. of Texas Med. Branch Galveston TX 77555
- 075-S-075 DEFICIENCY OF CD36 PROTECTS AGAINST ETHANOL-INDUCED HEPATOMEGALY AND OTHER COMPLICATIONS** L-S. Huang; R.D. Clugston; Y. Hu; J. Yuen; I.J. Goldberg; W.S. Blaner Columbia Univ. New York NY 10032
- 076-S-076 ALTERED FATTY ACYL COMPOSITION OF RETINYL ESTER IS AN EARLY EFFECT OF ALCOHOL CONSUMPTION.** R. D. Clugston, H. Jiang, M. Lee, M.J. Lewis, L-S. Huang, W.S. Blaner Depts. of Med., College of Physicians and Surgeons, Columbia Univ. New York NY 10032
- 077-S-077 A PROTECTIVE ROLE FOR ADIPONECTIN IN LIVER DAMAGE IN RESPONSE TO ACUTE ALCOHOL FEEDING IN THE MOUSE.** J. Correnti; J. Hoek. Thomas Jefferson Univ., Dept. of Pathology Philadelphia PA 19107
- 078-S-078 ALCOHOL-INDUCED MIR-132 AND ALCOHOL-INDUCED INTESTINAL HYPERPERMEABILITY** Y. Tang; C.B. Forsyth; R. M. Voigt; L. Zhang; A. Keshavarzian. Rush Univ. Med. Ctr. Chicago IL 60612
- 079-S-079 THE ROLE OF MIR-21 IN THE SUPPRESSION OF LIVER REGENERATION IN CHRONIC ETHANOL TREATED RAT** E. Juskeviciute; R.P. Dippold; J.B. Hoek Dept. of Pathology, Anatomy, and Cell Biology, Thomas Jefferson Univ. Philadelphia PA 19107
- 080-S-080 BETA-ENDORPHIN NEURONAL TRANSPLANTATION ATTENUATES CHRONIC ALCOHOL INDUCED HISTOLOGICAL AND INFLAMMATORY RESPONSES** S. Murugan; N. Boyadjieva; M. Ortiguela; D.K. Sarkar Endocrinology Prog. and Dept. of Animal Sciences, Rutgers, The State Univ. of New Jersey New Brunswick NJ 08901
- 081-S-081 ROLE FOR INTESTINAL CYP2E1 IN ALCOHOL-INDUCED CIRCADIAN GENE-MEDIATED INTESTINAL PERMEABILITY** C.B. Forsyth; R.M. Voigt; M. Shaikh; Y. Tang; A.I. Cederbaum; F.W. Turek; A. Keshavarzian. Rush Univ. Med. Ctr. Chicago IL 60612

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5. PATHOLOGY: HUMAN / ANIMAL - Cont'd (Poster Numbers 74-108 / Abstract Numbers 74-108)

a. Hepatic / Gastrointestinal Tract - cont'd (more on Monday)

- 082-S-082** **ROLE OF CYP2E1 IN HEPATIC STEATOSIS AND INJURY BY BINGE ALCOHOL** M.A. Abdelmegeed; A. Banerjee; S.H. Jang; S.H. Yoo; A. Keshavarzian; B.J. Song* Lab. of Membrane Biochemistry and Biophysics, National Inst. on Alcohol Abuse and Alcoholism Bethesda MD 20892
- 083-S-083** **ROLE OF CYP2E1 IN PROMOTING INSULIN RESISTANCE AND NONALCOHOLIC STEATOHEPATITIS** M.A. Abdelmegeed; S.H. Yoo; A. Banerjee; S.H. Jang; B.J. Song* Lab. of Membrane Biochemistry and Biophysics, National Inst. on Alcohol Abuse and Alcoholism Rockville MD 20892

b. Immunology

- 084-S-084** **ACUTE ALCOHOL INTOXICATION SUPPRESSES EXPRESSION OF GUT ANTIMICROBIAL PEPTIDES REG3 β AND REG3 γ FOLLOWING BURN INJURY** J.L. Rendon, B.A. Janda, X. Li, and M.A. Choudhry Alcohol Res. Prog., Burn & Shock Trauma Inst., Dept of Surgery, Cell Biology, Neurobiology, & Anatomy Prog., Loyola Univ. Chicago Health Sciences Div. Maywood IL 60153
- 085-S-085** **ACUTE ALCOHOL INTOXICATION DOWN-REGULATES T CELL MICRORNA-155 AND MICRORNA-182 EXPRESSION FOLLOWING BURN INJURY.** X. Li, J.L. Rendon, S. Akhtar, M.A. Choudhry. Alcohol Res. Prog., Burn & Shock Trauma Inst., Dept of Surgery, Dept of Microbiology and Immunology, Loyola Univ. Chicago Health Sciences Div. Maywood IL 60153
- 086-S-086** **IMPACT OF ETHANOL ADMINISTRATION ON MYCOBACTERIUM TUBERCULOSIS INFECTION IN RHESUS MACAQUES.** C. M. Mason, S. Mehra, N. Golden, D. Kaushal. Pulmonary/Critical Care Med., LSUHSC, New Orleans, LA 70112 & Tulane National Primate Res. Ctr. Covington LA 70433
- 087-S-087** **ACUTE ALCOHOL INHIBITS STAT3 INDUCTION OF REG3G IN PULMONARY EPITHELIUM DURING MRSA PNEUMONIA IN MICE** S. Choi, J.P. McAleer, M. Zheng, D.A. Pociask, F.R. DeLeo, L.V. Hooper, S. Qin, T.A. Reinhart, W. Ouyang, J.K. Kolls. Louisiana State Univ. Health Science Ctr., New Orleans, LA, 70112, Richard King Mellon Foundation Inst. Children's Hosp. of UPMC Pittsburgh PA 15224
- 088-S-088** **CHRONIC ALCOHOL SUPPRESSES THE TH17 RESPONSE AND DELAYS BACTERIAL CLEARANCE IN RHESUS MACAQUE WITH PULMONARY S. PNEUMONIAE INFECTION** K. Chen¹, K. Happel², G. J. Bagby², S. Nelson², J. K. Kolls^{1,2}. 1RK Mellon Foundation Inst., Children's Hosp. of Pittsburgh, Pittsburgh, PA, 2LSUHSC New Orleans, LA
- 089-S-089** **EFFECTS OF ALCOHOL CONSUMPTION ON ANTIGEN-SPECIFIC CELLULAR IMMUNE RESPONSES TO SIV IN RHESUS MACAQUES** B. Pahar¹, A. Amedee², J. Thomas², G. J. Bagby³, J. P. Dufour¹, P. Zhang³, R. S. Veazey¹, and S. Nelson³ 1Tulane National Primate Res. Ctr., Covington, LA 70433, Depts. of Physiology² and Med.³, Louisiana State Univ. Health Sciences Ctr. New Orleans LA 70112
- 090-S-090** **ALCOHOL AND HIV-ANTIRETROVIRAL THERAPY INDUCED LIVER INJURY** R. M. Nanau, M. Schneider, C. Parry, M. G. Neuman In Vitro Drug Safety & Biotechnology, Pharmacology & Toxicology, Univ of Toronto, Toronto, ON, Canada, Alcohol & Drug Abuse Res Unit, Med Res Council, Cape Town, South Africa
- 091-S-091** **CHRONIC ETHANOL (ETOH) FEEDING RESULTS IN T CELL SUBSET LOSS AND HYPO-RESPONSIVENESS IN THE SKIN AND SKIN DRAINING LYMPH NODES (SDLNS).** C. Parlet; R.A. Coleman; A.J. Schlueter Dept. of Pathology and Interdisciplinary Graduate Prog. in Immunology, Carver College of Med., Univ. of Iowa Iowa City IA 52242
- 092-S-092** **MODERATE ETHANOL EXPOSURE AND REACTIVE OXYGEN SPECIES EXPOSURE IMPAIRS EPIDERMAL ANTIMICROBIAL RESPONSES** B.J. Curtis, S.K. Hlavin, T.M. Griffin, E.J. Kovacs, and K.A. Radek Loyola Univ. Chicago, Health Sciences Campus Maywood IL 60153
- 093-S-093** **ALCOHOL IMPAIRS MARROW LKS CELL PROLIFERATION IN RESPONSE TO BACTEREMIA** X. Shi; R.W. Siggins; J.N. Melvan; P. Zhang Dept of Surgery, MSU College of Human Med., Lansing, MI, Dept of Physiology, LSU Health Sciences Ctr., New Orleans, LA
- 094-S-094** **EFFECTS OF ACETALDEHYDE ON HLA-DR AND IL-6R EXPRESSION IN THP-1 MONOCYTES** J. Thelen, E. Roztocil, C. Miller-Graziano and J. Cullen Univ. of Rochester Med. Ctr. Rochester NY 14642
- 095-S-095** **ALTERATIONS IN SERUM CYTOKINES, CHEMOKINES, INTERFERONS, GROWTH FACTORS AND C-REACTIVE PROTEIN IN ALCOHOL-DEPENDENT INDIVIDUALS COMPARED WITH SOCIAL DRINKERS.** C. D'Sa; R.J. Dileone; R. Sinha Yale Univ. Dept. of Psychiatry CT 06511
- 096-S-096** **MICROGLIAL CHANGES PERSISTS TWENTY EIGHT DAYS FOLLOWING BINGE ETHANOL EXPOSURE IN THE HIPPOCAMPUS** S.A. Marshall, J.A. McClain, and K. Nixon Univ. of Kentucky, College of Pharmacy, Dept. of Pharmaceutical Sciences Lexington KY 40536
- 097-S-097** **IN SILICO ANALYSES PREDICT AN AGE EFFECT OF MINOCYCLINE TREATMENT OUTCOMES** R. Agrawal, A. Hewetson, J. Owen, P. Syapin, S. Bergeson Dept. of Pharmacology and Neuroscience, South Plains Alcohol and Addiction Res. Ctr., Texas Tech Univ. Health Sciences Ctr. Lubbock TX 79430
- 098-S-098** **ALCOHOL AND RAC2 MEDIATED SIGNALING IN THE EXPRESSION OF INFLAMMATORY CYTOKINES IN MOUSE DERIVED MACROPHAGES.** A. Stallworth, D. Osei-Bonsu, A. C. Azim* Dept. of Biological Sciences, Chicago State Univ. Chicago IL 60628

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5. PATHOLOGY: HUMAN / ANIMAL - Cont'd (Poster Numbers 74-108 / Abstract Numbers 74-108)

c. Brain (more on Monday)

- 099-S-099 P2X7 RECEPTORS PLAY A ROLE IN ACUTE AND CHRONIC ALCOHOL-INDUCED NEUROINFLAMMATION** L. Asatryan, S. Gururaj, K.E. Rogers, R.L. Alkana and D.L. Davies School of Pharmacy, Univ. of Southern California Los Angeles CA 90033
- 100-S-100 ADULT RATS SUBJECTED TO REPETITIVE BINGE-PATTERN ETHANOL EXPOSURE SHOW EVIDENCE OF NEUROINFLAMMATION INVOLVING ELEVATED AQUAPORIN-4, PLA2 AND PARP-1.** N. Tajuddin; M.M. Przybycien-Szymanska; R.M. Mitchell; T.R. Pak; E.J. Neafsey; M.A. Collins Loyola Univ. Chicago, Stritch School of Med. Maywood IL 60153
- 101-S-101 PHOSPHOLIPASE A2 (PLA2) ACTIVATION IN REPETITIVE BINGE ETHANOL-INDUCED OXIDATIVE STRESS AND NEURODAMAGE IN RAT ADOLESCENT BRAIN SLICES IN CULTURE.** K.-H. Moon; N.F. Tajuddin; J. Brown III; H.-Y. Kim; E.J. Neafsey; M.A. Collins. Loyola Univ. Chicago, Stritch School of Med. Maywood IL 60153
- 102-S-102 LONG-TERM ALCOHOL CONSUMPTION INDUCES DNA DAMAGE AND NEURONAL CELL DEATH IN MOUSE BRAIN** A.-K. Fowler, A. Hewetson, R. Agrawal, M. Dagda, R. Dagda, R. Moaddel, S. Balbo, M. Sanghvi, Y. Chen, S. Bergeson, G. Henderson, I. Kruman Texas Tech Univ. Health Sciences Ctr., Lubbock, TX
- 103-S-103 INDICATION OF ER STRESS IN PURKINJE NEURONS OF ACUTE CEREBELLAR SLICES FROM ETHANOL FED ADULT F344 RATS** L.L. Cassidy, F. F. Dlugos, C.A. Dlugos State Univ. of NY at Buffalo Buffalo NY 14214
- 104-S-104 A PUTATIVE ROLE OF CHOLINERGIC BASAL FOREBRAIN IN ALCOHOL AND NICOTINE CO-ABUSE** S. Dumontier; R. Sharma; D. DeRoodes; P. Sahota; M. Thakkar Harry S Truman Memorial VA Hosp./Res., Dept. of Neurology, Univ. of Missouri Columbia MO 65201
- 105-S-105 INCREASE IN DOUBLECORTIN AND NEURO-D INDICATES AN INCREASE IN PROGENITOR CELLS AND NEUROGENESIS AFTER BINGE ETHANOL EXPOSURE IN ADOLESCENT RATS** C.R. Geil; J.A. McClain; M.A. Deeny; K. Nixon. Univ. of Kentucky, College of Pharmacy, Dept. of Pharmaceutical Sciences Lexington KY 40536
- 106-S-106 CHARACTERIZATION OF PROGENITOR CELL PHENOTYPES INVOLVED IN ENHANCED HIPPOCAMPAL NEUROGENESIS DURING ABSTINENCE FOLLOWING BINGE ALCOHOL EXPOSURE.** D.M. Hayes, J.A. McClain, K. Nixon The Univ. of Kentucky, Dept. of Pharmaceutical Sciences Lexington KY 40536
- 107-S-107 MECHANISMS CONTRIBUTING TO CEREBROVASCULAR DYSFUNCTION DURING ALCOHOL CONSUMPTION** H.Sun, D. M. Arrick and W. G. Mayhan Dept. of Cellular Biology and Anatomy LSU Health Sciences Ctr. Shreveport LA 71130
- 108-S-108 INCREASE OF AQUAPORIN-4 EXPRESSION AFFECTS BRAIN EDEMA UNDER ETHANOL CONSUMPTION WITH HYPONATREMIA** R. Katada; K. Mizuo; S Okazaki; A. Ishizaka; S. Watanabe; H. Matsumoto Sapporo Med. Univ., Dept. of Legal Med. and Molecular Alcoholology, Sapporo, 060-8556, Japan

6. FETAL ALCOHOL SYNDROME / DEVELOPMENT (Poster Numbers 109-134 / Abstract Numbers 109-134)

a. Physiology

- 109-S-109 QUANTITATIVE HIGH THROUGHPUT DIGITAL MRNA & ITRAQ-LABEL BASED PROTEOMIC UTEROPLACENTAL ANALYSES FOR MATERNAL ALCOHOL CONSUMPTION DURING PREGNANCY** J. Ramadoss and R. R. Magness Dept. of Obstetrics & Gynecology, Univ. of Texas Med. Branch-Galveston & Dept. of Obstetrics & Gynecology, Univ. of Wisconsin-Madison
- 110-S-110 PRENATAL ALCOHOL EXPOSURE: FETAL PROGRAMMING OF NEUROIMMUNE AND NEUROENDOCRINE FUNCTION RESULTS IN A PRO-INFLAMMATORY BIAS IN ADULTHOOD.** T. Bodnar, W. Yu, M.S. Kobor, G.G. Meadows¹, and J. Weinberg¹. Dept. of Cellular & Physiological Sciences, Univ. of British Columbia, Vancouver, BC, Canada, V6T 1Z3 ¹Joint senior authors
- 111-S-111 EFFECT OF ALCOHOL EXPOSURE IN UTERO ON VITAMIN A METABOLISM IN ADULT RATS** Y-K. Kim; M. Zuccaro; C. Zhang; D. K. Sarkar; L. Quadro Rutgers, The State Univ. of New Jersey New Brunswick NJ 08901
- 112-S-112 VARENICLINE MODULATES GABAERGIC SYNAPTIC TRANSMISSION AND MITIGATES ETHANOL-INDUCED DEFICITS IN GABAERGIC SIGNALING IN BASAL FOREBRAIN NEURONS.** D.W. DuBois, A.S. Fincher, U. H. Winzer-Serhan, G.D. Frye. Texas A&M HSC., College of Med., Bryan TX 77807
- 113-S-113 ASTROCYTES PRE-TREATED WITH ETHANOL INDUCE AN INCREASE IN HIPPOCAMPAL SYNAPSES** PJ Roque'; G Giordano; M Guizzetti; A Barria; and LG Costa Univ. of Washington, Dept. of Environmental and Occupational Health Sciences Seattle WA 98195
- 114-S-114 ROLE OF 3rd TRIMESTER EQUIVALENT CHRONIC ETHANOL EXPOSURE AND GLUTAMINE SUPPLEMENTATION ON UTERINE AND FETAL BRAIN HEMODYNAMICS: OVINE MODEL** O. B. Sawant, B. A. Kramer, T. M. Hohman, E. R. Lunde, S. E. Wilson, G. Wu, T. A. Cudd. Texas A&M Univ., College Station TX77843

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6. FETAL ALCOHOL SYNDROME / DEVELOPMENT - Cont'd (Poster Numbers 109-134 / Abstract Numbers 109-134)

a. Physiology - cont'd

- 115-S-115 GESTATIONAL ALCOHOL EXPOSURE DYSREGULATES FETAL IRON HOMEOSTASIS UNDER MATERNAL IRON SUFFICIENCY AND DEFICIENCY** S.M. Huebner; B.G. Steeber; J. Abazi; S.M. Smith. Univ. of Wisconsin-Madison, Dept. of Nutritional Sciences Madison WI 53706
- 116-S-116 GENE X ALCOHOL EXPOSURE: WHAT DOES THIS INTERACTION TELL US ABOUT PHENOTYPIC VARIATION IN FETAL ALCOHOL SPECTRUM DISORDERS?** L. Wetherill, S. Vinci-Booher, S. Mattson, C. Coles, E. Sowell, N. McCarthy, J. Eberhart, E.P. Riley, T. Foroud, and the CIFASD Consortium Indiana Univ. School of Med. Indianapolis IN 46202

b. Human

- 117-S-117 FETAL ALCOHOL-RELATED GROWTH RESTRICTION FROM BIRTH THROUGH YOUNG ADULTHOOD AND MODERATING EFFECTS OF MATERNAL PRE-PREGNANCY WEIGHT** R.C. Carter; J.L. Jacobson; R.J. Sokol; M.J. Avison; S.W. Jacobson. Children's Hosp. Boston, Boston, MA 02115, Wayne State Univ. School of Med. Detroit MI 48207

c. Diagnosis

- 118-S-118 POSTNATAL BRAIN DYSMORPHOLOGY INDUCED BY PRENATAL ALCOHOL EXPOSURE: A MRI STUDY IN MOUSE** H. Ai, Y. Liang, B. Anthony, L. Wetherill, R. Ward, F.C. Zhou, and the CIFASD Consortium Indiana Univ. School of Med. IN 46202
- 119-S-119 EFFECTS OF DURATION AND DOSE OF PRENATAL ALCOHOL EXPOSURE VIA MATERNAL LIQUID DIET ON FACIAL DYSMORPHOLOGY IN C57BL/6J MICE.** B. Anthony, S. Vinci-Booher, B. Veene, L. Wetherill, C. Goodlett, R. Ward, F. C. Zhou. Indiana Univ. School of Med. Indianapolis IN 46202
- 120-S-120 EFFECT OF FETAL ALCOHOL EXPOSURE ON CRANIOFACIAL BONE DEVELOPMENT IN C57BL/6J MOUSE MODELS: A DOSE AND TIMING STUDY.** L. Shen, H. Ai, Y. Liang, C.B. Anthony, C. Goodlett, R. Ward, F.C. Zhou, and the CIFASD Consortium Indiana Univ. School of Med., IN,46202
- 121-S-121 HEAD CIRCUMFERENCE AS PREDICTED BY FACIAL MEASURES IN MOUSE MODEL OF FASD.** F.A. Timm, R.E. Ward, H. Ai, L. Shen, F.C. Zhou. Indiana Univ. School of Med. Indianapolis IN 46202
- 122-S-122 CRANIOFACIAL DYSMORPHOLOGY AS A FUNCTION OF DOSE AND DEVELOPMENTAL TIME OF ALCOHOL EXPOSURE IN THE C57BL/6J MOUSE MODEL** Y. Liang, H. Ai, B. Anthony, C.R. Goodlett, L. Wetherill, R. Ward, F.C. Zhou, and CIFASD Consortium Indiana Univ. School of Med. IN 46202
- 123-S-123 SYNERGISTIC GENE-ALCOHOL INTERACTIONS CAUSED VIA PI3K INHIBITION GENERATE VARIABLE CRANIOFACIAL DEFECTS IN ZEBRAFISH.** N. McCarthy; M.E. Swartz; and J.K. Eberhart Univ. of Texas at Austin, Austin TX 78713
- 124-S-124 EFFECTS OF MODERATE DRINKING DURING PREGNANCY ON PLACENTAL PROTEIN EXPRESSION** M.W. Porch; L. Coquet; M.J. Rosenberg; M.C. Staples; R.K. Varaschin; T. Jouenne; D.D. Savage Dept of Neurosciences, Univ of New Mexico Sch of Med, Albuquerque, NM, 87131, Polymer, Biopolymer, Surfaces Lab, CNRS UMR 6270, Proteomic Platform of the IFRMP23, Univ of Rouen, Rouen, FRANCE
- 125-S-125 IMPACT OF MATERNAL DRINKING DURING PREGNANCY ON GENE EXPRESSION AND MICROVASCULAR DEVELOPMENT IN FETAL CEREBRAL CORTEX.** M.J. Rosenberg; C. Roux; S. Jegou; M.C. Staples; R.K. Varaschin; N.I. Perrone-Bizzozero; B.J. Gonzalez; D.D. Savage Dept of Neurosciences, Univ. of New Mexico School of Med., Albuquerque, NM, 87131; European Inst. for Peptide Res., Univ. of Rouen Faculty of Med., Rouen, France
- 126-S-126 MRI DERIVED VOLUMETRIC BRAIN MEASUREMENTS IN THE OVINE** S. Birch, R. Lunde, M. Lenox, S. Wilson, J. Griffin, C. Goodlett, T.A. Cudd Texas A&M Univ. College of Veterinary Med. and Biomedical Sciences College Station TX 77843
- 127-S-127 WITHDRAWN**
- 128-S-128 PLACENTAL FATTY ACID ETHYL ESTERS ARE INCREASED IN ALCOHOL-EXPOSED PREMATURE NEWBONS** SS Mohan; M Zavareh, LAS Brown, TW Gauthier. Emory Children's Ctr. for Developmental Lung Biology Emory Univ. School of Med. Atlanta GA 30324
- 129-S-129 VALIDITY AND FEASIBILITY OF NEONATAL SCREENING FOR PRENATAL ALCOHOL EXPOSURE BY MEASURING PHOSPHATIDYLETHANOL IN DRIED BLOOD SPOTS OF A NEWBORN** LN Bakhireva; RD Savich; S Cano, C Goff; RD Annett; WF Rayburn; DD Savage Univ. of New Mexico Health Sciences Ctr. Albuquerque NM 87131
- 130-S-130 METABOLIC BIOMARKERS OF PRENATAL ALCOHOL EXPOSURE IN HUMAN EMBRYONIC STEM CELL-DERIVED NEURAL LINEAGES.** J. A. Palmer^{1,2}; A. M. Poenitzsch¹; S. M. Smith³; K. R. Conard²; P. R. West²; G. G. Cezar^{1,2} Dept Animal Sciences, Univ. of Wisconsin-Madison, 2 Stemina Biomarker Discovery, Inc, Madison, WI, 3 Dept Nutritional Sciences, Univ. of Wisconsin-Madison
- 131-S-131 FATTY ACID ETHYL ESTERS SHOW SIGNIFICANT CORRELATION WITH IN UTERO ALCOHOL EXPOSURE** SS Mohan, TW Gauthier, M Zavareh, S Cano, LS Brown, and LN Bakhireva Univ. of New Mexico Health Sciences Ctr. Albuquerque NM 87131

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SUNDAY, JUNE 24 ~ ~ ~ 4:00PM - 6:00PM

6. FETAL ALCOHOL SYNDROME / DEVELOPMENT - Cont'd (Poster Numbers 109-134 / Abstract Numbers 109-134)

c. Diagnosis - cont'd

- 132-S-132 DNA METHYLATION IN INFANT BLOOD IS SENSITIVE TO PRENATAL ALCOHOL EXPOSURE AND RELATED TO CHILD BEHAVIORAL OUTCOMES.** J.H. Hannigan, L.M. Chiodo, V. Delaney-Black, R.J. Sokol, D. Ruden, A. Kruger, S. Land. Merrill Palmer Skillman Inst., College of Nursing, and Depts. of Obstetrics, Psychology, & Pediatrics, Wayne State Univ. Detroit MI 48202
- 133-S-133 FASD SCREENING PROFILES IN MINNESOTA: AN APPLICATION OF THE 4-DIGIT DIAGNOSTIC CODE.** Q. Li; L.L. Meschke; P.N. Chang; J. Holl Ctr. for Behavioral Epidemiology and Community Health, San Diego State Univ. San Diego CA 92123
- 134-S-134 ADVANCED GESTATIONAL AGE INCREASES SERUM CARBOHYDRATE DEFICIENT TRANSFERRIN LEVELS IN ABSTINENT PREGNANT WOMEN.** S Cano; L Robles; WF Rayburn; RD Savich; M Garg; RF Anton; E. Leonard; DD Savage; LN Bakhireva Univ. of New Mexico HSC Albuquerque NM 87131

7. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS (Poster Numbers 135-177 / Abstract Numbers 135-177)

a. Neurobiology and Neuro-imaging

- 135-S-135 POLYSUBSTANCE USERS ARE UNIQUELY DIFFERENT FROM ALCOHOL DEPENDENT INDIVIDUALS IN MAGNETIC RESONANCE-BASED BRAIN METABOLITE CONCENTRATIONS** C. Abe, A. Mon, D.L. Pennington, T. Schmidt, T.C. Durazzo and D.J. Meyerhoff Ctr. for Imaging of Neurodegenerative Diseases, DVA Med. Ctr., Univ. of California San Francisco CA 94121
- 136-S-136 FRACTIONATING DELAY DISCOUNTING IN ALCOHOL USE DISORDERS: AN FMRI STUDY** M. Amlung; L. Sweet; J. Acker; C. Brown; J. MacKillop Dept. of Psychology and Bio-Imaging Res. Ctr., The Univ. of Georgia Athens GA 30606
- 137-S-137 PSYCHOLOGICAL AND NEUROPHYSIOLOGICAL CORRELATES OF BINGE DRINKING IN YOUNG ADULTS** Banz, B.C., & Davalos, D.B. Colorado State Univ. Fort Collins CO 80523
- 138-S-138 RESTING STATE SYNCHRONY RELATED TO SET SHIFTING IN LONG-TERM ABSTINENT ALCOHOL DEPENDENCE** J. Camchong; A. Stenger; G. Fein. Neurobehavioral Res., Inc Dept. of Med., John A Burns School of Med., Univ. of Hawai'i Dept. of Psychology, Univ. of Hawai'i
- 139-S-139 NEURAL RESPONSES TO ACUTE IV ALCOHOL IN HEALTHY MODERATE DRINKERS.** E. Childs; S. O'Connor; J.H. Gao; E.A. Stein; H. de Wit. The Univ. of Chicago, Dept. of Psychiatry and Behavioral Neuroscience Chicago IL 60637
- 140-S-140 LARGER ACCUMBENS VOLUME IS ASSOCIATED WITH INCREASED DRINKING BEHAVIOR AMONG ADOLESCENTS** S.M. Crotwell; T.J. Callahan; K.E. Hutchison; A. Bryan. Univ. of New Mexico Albuquerque NM 87106
- 141-S-141 RELATIONSHIPS BETWEEN RESTING CEREBRAL BLOOD FLOW AND ALCOHOLISM RISK.** WJA Eiler II; M Dzemidzic; B Oberlin; Y Wang; SJ O'Connor; DA Kareken. Indiana Univ. School of Med. Indianapolis IN 46202
- 142-S-142 FMRI REVEALS DIFFERENTIAL LIMBIC RESPONSE TO ALCOHOL CUE DISTRACTORS ACROSS STAGES OF ALCOHOL DEPENDENCE** S.L. Fryer; H. Shanbhag; T.D. Watson; J.H. Krystal; D.H. Mathalon Dept. of Psychiatry, Univ. of California, San Francisco, CA 94122 and San Francisco VA Med. Ctr. San Francisco CA 92121
- 143-S-143 PHENOTYPIC VARIATION AND RISK FOR ALCOHOL PROBLEMS IN YOUNG ADULTS** JC Garbutt; A. Kampov-Polevoy; B. Eggelston; C. Gillen, G. Bobashev. Dept. of Psychiatry and Bowles Ctr. for Alcohol Studies, Univ. of North Carolina at Chapel Hill and Research Triangle International
- 144-S-144 LATE ADOLESCENTS WITH AN EVENING CHRONOTYPE EXHIBIT BOTH INCREASED ALCOHOL DEPENDENCE AND ALTERED REWARD-RELATED BRAIN FUNCTION.** Hasler; S.L. Sitnick; D.S. Shaw; E.E. Forbes. Western Psychiatric Inst. and Clinic Pittsburgh PA 15213
- 145-S-145 EXECUTIVE COGNITIVE FUNCTION, SUBSTANCE USE DISORDERS, AND THE SUPERIOR LONGITUDINAL FASCICULUS.** J. A. Kern; S. Pajtek; M. M. Vanyukov; D. B. Clark. Ctr. for Education and Drug Abuse Res., Univ. of Pittsburgh Pittsburgh PA 15213
- 146-S-146 WHITE MATTER FIBER COMPROMISE CONTRIBUTES TO ATTENTIONAL AND EMOTIONAL PROCESSING IMPAIRMENT IN ALCOHOLISM, HIV INFECTION, AND THEIR COMORBIDITY** T. Schulte¹, E.M. Muller-Oehring^{1,2}, E.V. Sullivan², A. Pfefferbaum^{1,2} ¹Neuroscience Prog., SRI International, Menlo Park, CA ²Dept of Psychiatry and Behavioral Sciences, Stanford Univ. School of Med.
- 147-S-147 ALCOHOL INDUCED DISINHIBITION: BEHAVIORAL AND NEURAL CORRELATES** M. N. Smolka, G. Gan, M. Marxen, M. Grabitz, E. Mennigen, M. Pilhatsch, U. S. Zimmermann Dept. of Psychiatry, Technische Univ. Dresden, Germany
- 148-S-148 BRAIN WHITE MATTER ABNORMALITIES IN SUBJECTS AT HIGH RISK FOR ALCOHOL DEPENDENCE: A DIFFUSION TENSOR IMAGING STUDY** S. Subbu Saravanan*; G. Venkatasubramanian; V. Benegal; Vasudev MK (Late) National Inst. of Mental Health & Neurosciences, Bangalore-560029, Karnataka, India

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SUNDAY, JUNE 24 ~ ~ ~ 4:00PM - 6:00PM

7. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS - Cont'd (Poster Numbers 135-177 / Abstract Numbers 135-177)

a. Neurobiology and Neuro-imaging - cont'd

- 149-S-149 P300 ABNORMALITIES, BRAIN VOLUME DEFICITS AND EXTERNALIZING SYMPTOMS IN SUBJECTS AT HIGH-RISK FOR ALCOHOL DEPENDENCE** B. Viswanath; G. Venkatasubramanian; M. C. Silva; G. Antony; V. Benegal Dept. of Psychiatry, National Inst. of Mental Health & Neurosciences, Bangalore 560029, Karnataka, India
- 150-S-150 ASSOCIATION OF SMOKING WITH MU-OPIOID RECEPTOR AVAILABILITY IN ALCOHOL-DEPENDENT SUBJECTS** E.M. Weerts; G.S. Wand; H. Kuwabara; X. Xu; J. Frost, D. Wong; M.E. McCaul The Johns Hopkins Univ. School of Med. Baltimore MD 21205
- 151-S-151 DOPAMINERGIC CODING FOR ALCOHOL-RELATED NEGATIVE PREDICTION ERRORS IN ALCOHOLICS BUT NOT SOCIAL DRINKERS** KK Yoder, DA Albrecht, CM Herring, DA Kareken Indiana Univ. Ctr. for Neuroimaging, Indiana Univ. School of Med. Indianapolis IN 46202

b. Cognitive Determinants (info processing, expectancies, motivation) (more on Monday, Tuesday, Wednesday)

- 152-S-152 CHARACTERIZING THE EVOLVING ALCOHOL EXPECTANCY MEMORY NETWORKS IN CHILDREN AND EARLY ADOLESCENTS** I. Ariel, R.R. Reich, J. Darkes, L.J. Adams, & M.S. Goldman Univ. of South Florida, Psychology Dept. Tampa FL 33620
- 153-S-153 EXECUTIVE FUNCTIONS AND FUTURE ORIENTATION INTERACT WITH ALCOHOL ASSOCIATIONS AND USE IN GRADE 8 STUDENTS.** D. Barkowsky and M. D. Krank The Univ. of British Columbia, Kelowna, BC Canada
- 154-S-154 CLASSIFYING INDIVIDUAL DIFFERENCES IN ADOLESCENTS' ALCOHOL EXPECTANCIES USING EVENT-RELATED POTENTIALS** T. Brumback, K. N. McCarty, M. Diaz, E. Donchin, & M. S. Goldman Univ. of South Florida, Dept. of Psychology Tampa FL 33620
- 155-S-155 ALCOHOL EXPECTANCIES IN ADOLESCENCE PREDICT THE COURSE OF ALCOHOL USE DISORDER** K.T. Foster; B.M. Hicks; M. McGue; W.G. Iacono Univ. of Michigan, Dept. of Psychology, Ann Arbor, MI 48105 Univ. of Minnesota, Dept. of Psychology Minneapolis MN 55455
- 156-S-156 EXAMINING THE INFLUENCE OF PERSONALITY AND NONDRINKING MOTIVES ON ALCOHOL USE IN ADOLESCENTS** S.D. Martin; K.G. Anderson; & M.D. Wood. Dept. of Psychology, Reed College Portland OR 97202
- 157-S-157 DRINKING REFUSAL SELF-EFFICACY AS A MEDIATOR BETWEEN PARENTAL MONITORING AND ALCOHOL-RELATED NEGATIVE CONSEQUENCES IN EMERGING ADULTS** A.M. McCleary, E. Leickly, T. Dillworth, T. Pace, S. Desai, N. Lawrence, M.E. Larimer Univ. of Washington, Dept. of Psychiatry & Behavioral Sciences Seattle WA 98195
- 158-S-158 COGNITIVE ABILITY AND SHIFTS IN ALCOHOL EXPECTANCY AMONG EARLY ADOLESCENTS** A. J. Moltisanti, W. A. Bolin, K. O. Brandon, & M. S. Goldman Alcohol & Substance Use Res. Inst., Dept. of Psychology, Univ. of South Florida Tampa FL 33620
- 159-S-159 TOWARD A DUAL-PROCESS MODEL OF ALCOHOL COGNITION DEVELOPMENT: DISTINCT CROSS-SECTIONAL AGE DIFFERENCES ON EXPLICIT VERSUS IMPLICIT MEASURES.** J.G. Noel; N. R. Thomson Univ. of Missouri-St Louis, Missouri Inst. of Mental Health St Louis MO 63139
- 160-S-160 USING LINEAR GROWTH MODELS TO EXAMINE CHANGES IN ALCOHOL EXPECTANCIES IN RELATION TO THE ONSET OF PUBERTY** R. Tan; K.O. Brandon; P.E. Greenbaum; M.S. Goldman. Univ. of South Florida, Dept. of Psychology Tampa FL 33620
- 161-S-161 GENDER DIFFERENCES IN ALCOHOL AND MARIJUANA USE ASSOCIATIONS AND USE IN GRADES 7-12.** K. E. Watt, T. Johnson, and M D. Krank The Univ. of British Columbia, Kelowna, BC Canada
- 162-S-162 FACTOR STRUCTURE OF THE BRIEF COMPREHENSIVE EFFECTS OF ALCOHOL SCALE IN ADOLESCENTS.** L.S. Ham; B.A. Randall; B.L. Zamboanga; H. Blumenthal. Smith College, Dept. of Psychology Northampton MA 01063
- 163-S-163 THE USE OF THE BRIEF COMPREHENSIVE EFFECTS OF ALCOHOL (B-CEOA) IN A SAMPLE OF RECENTLY IMMIGRATED HISPANIC ADOLESCENTS.** S.E. Des Rosiers,1 S.J. Schwartz,1 L.S. Ham, 2 B.L. Zamboanga,3 J.B. Unger,4 Huang, S1,L. Baezconde-Garbanati,4 D.W.Soto,4 G.Leon Jimenez1, J.Villamar1 Univ. of Miami Leonard Miller School of Med., Miami, FL1 Univ. of Arkansas, Fayetteville, AR2 Smith College, Northampton, MA3 Univ. of Southern California, Los Angeles, CA4

c. Other (more on Monday)

- 164-S-164 IMPULSIVITY AND SENSATION SEEKING AS MEDIATORS OF THE RELATION BETWEEN ADHD AND ENGAGEMENT IN AND FREQUENCY OF ALCOHOL USE.** C.A.P. Walther; J. Cheong; B.S.G. Molina; W.E. Pelham, Jr. Univ. of Pittsburgh Pittsburgh PA 15260
- 165-S-165 IMPULSIVITY AS A MEDIATOR AND MODERATOR BETWEEN DIFFICULTY IDENTIFYING AND DESCRIVING EMOTIONS AND ALCOHOL USE AND RELATED PROBLEMS** H. Shishido; R. M. Gaher; J. S. Simons. The Univ. of South Dakota, Vermillion SD 57069

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7. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS - Cont'd (Poster Numbers 135-177 / Abstract Numbers 135-177)

c. Other (more on Monday)

- 166-S-166 IMPULSIVITY AND RISK TAKING IN INDIVIDUALS WITH ALCOHOL DEPENDENCE VERSUS INDIVIDUALS WITH CO-OCCURRING ALCOHOL DEPENDENCE AND BIPOLAR DISORDER** J. J. Prisciandaro, D. G. Brown, B. K. Tolliver Dept. of Psychiatry and Behavioral Sciences, Clinical Neuroscience Div., Med. Univ. of South Carolina, Charleston, SC
- 167-S-167 THE EFFECT OF MISMEASUREING IMPULSIVITY ON ESTIMATES OF ALCOHOL USE.** T. R. Henry, K. M. King. Univ. of Washington, Dept. of Psychology Seattle WA 98105
- 168-S-168 THE INTERACTION BETWEEN SENSATION SEEKING AND NEGATIVE AFFECT LABILITY ON ALCOHOL INVOLVEMENT.** K. A. Karyadi; A. Dir; M. A. Cyders. Indiana Univ.-Purdue Univ. Indianapolis, Dept. of Psychology Indianapolis IN 46202
- 169-S-169 LOW SELF-CONTROL PREDICTS INCREASED ALCOHOL-RELATED PROBLEMS IN AN ADULT COMMUNITY SAMPLE** R.J. Houston; J.L. Derrick ; K.E. Leonard; B.M. Quigley; M. Testa; A. Levitt; A. Kubiak Res. Inst. on Addictions, Univ. at Buffalo, SUNY Buffalo NY 14203
- 170-S-170 MULTIDIMENSIONALITY IN IMPULSIVITY AND ALCOHOL USE: CLEARING UP THE CONFUSION WITH META-ANALYSIS** A. Coskunpinar; A. L. Dir; M. A. Cyders Indiana Univ. Purdue Univ. Indianapolis, Purdue School of Science Indianapolis IN 46202
- 171-S-171 THE COMPATIBILITY EFFECT: SELF AND PARTNER IMPULSIVITY INTERACT TO PREDICT CHANGES IN ALCOHOL PROBLEMS OVER TIME IN A COMMUNITY SAMPLE OF COUPLES** J.L. Derrick; R.J. Houston; A. Levitt; K.E. Leonard Res. Inst. on Addictions, Univ. at Buffalo, SUNY Buffalo NY 14203
- 172-S-172 THE EFFECT OF ADOLESCENT BINGE CONSUMPTION OF CAFFEINATED ENERGY DRINKS ON ADULT ALCOHOL CONSUMPTION** J. DeFriel, J. L. Whistler, R. M. van Rijn. Ernest Gallo Clinic and Res. Ctr., Dept. of Neurology, Univ. of California San Francisco, Emeryville
- 173-S-173 ENERGY DRINK CONSUMPTION AND THE USE OF ALCOHOL, TOBACCO, AND DRUGS OF ABUSE AMONG DUTCH PARTYGOERS** J.C. Verster¹; M.W. van Laar²; D. Korf³; L. de Haan¹ ¹Utrecht Univ., Div. of Pharmacology, Utrecht, The Netherlands, ²Trimbos Inst., Utrecht, The Netherlands, ³ Univ. of Amsterdam, Amsterdam, The Netherlands
- 174-S-174 DUTCH STUDENT SURVEY: ALCOHOL AND ENERGY DRINK CONSUMPTION, ALCOHOL RELATED CONSEQUENCES AND RISK TAKING** L. De Haan¹; H. A. de Haan²; B. Olivier¹; J.C. Verster¹. ¹ Utrecht Univ., Utrecht Inst. for Pharmaceutical Sciences, Div. of Pharmacology, Utrecht, The Netherlands, ² Tactus addiction treatment
- 175-S-175 BEVERAGE TYPE AS A PREDICTOR OF ALCOHOL USE OUTCOMES AMONG UNDERGRADUATE STUDENTS.** M. Kirouac; S.E. Collins Univ. of Washington, School of Med. Seattle WA 98105
- 176-S-176 PROSPECTIVE EXAMINATION OF THE LEVEL OF RESPONSE MODEL ON ALCOHOL PROBLEMS AMONG COLLEGE STUDENTS** M.H. Bernstein; S.D. Martin; M.D. Wood Univ. of Rhode Island Kingston RI 02881
- 177-S-177 POSITIVE AND NEGATIVE EMOTIONAL EXPRESSION PREDICT POOR LONGITUDINAL DRINKING OUTCOMES AMONG ALCOHOLICS INTERVIEWED ABOUT DRINKING AND ITS CONSEQUENCES** A. R. Krentzman, S. D. Pressman, A. L. Hassett, D. Steinberg, E A.R. Robinson, J.A. Cranford, O. Mowbray Univ. of Michigan, Addiction Res. Ctr., Dept. of Psychiatry Ann Arbor MI 48109

8. CONSEQUENCES OF ALCOHOL CONSUMPTION IN HUMANS (Poster Numbers 178-205 / Abstract Numbers 178-205)

a. Health harms / benefits (more on Monday)

- 178-S-178 REDICTORS OF DRINKING AND DRIVING & RIDING WITH A DRINKING DRIVER AMONG UNDERAGE DRINKERS IN THE EMERGENCY DEPARTMENT.** E. E. Bonar, M. Walton, P. Erhlich, K. Barry, F. Blow, B. Booth, & R. Cunningham Univ. of Michigan, Dept. of Psychiatry Ann Arbor MI 48109
- 179-S-179 ATTRIBUTABLE FRACTION OF INJURY DUE TO ALCOHOL USE IN THE AMERICAS** J.C. Bond ¹; Y. Ye ¹, G. Borges ²; C.J. Cherpitel ¹; R. Korcha ¹ ¹-Alcohol Res. Group, Emeryville, CA, 94608 ²-National Inst. of Psychiatry, Mexico City, Mexico
- 180-S-180 UNDERAGE DRINKING AND UTILIZATION OF HEALTH CARE RESOURCES AT LEVEL I TRAUMA CENTERS** K.J. Psoter; B.S. Roudsari, J.G. Jarvik Univ. of Washington, Dept. of Epidemiology Seattle WA 98195
- 181-S-181 PREDICTING DRIVING AFTER DRINKING OVER TIME AMONG COLLEGE STUDENTS** T. Ghaidarov, L. Napper, J. LaBrie; A. Pham Loyola Marymount Univ., Dept. of Psychology Los Angeles CA 90045
- 182-S-182 DIFFERENCES IN SF-36 HEALTH SURVEY SUBSCALE SCORES AMONG DWI OFFENDERS.** K.S. Marczynski and W.F. Wieczorek. Ctr. for Health and Social Res. at Buffalo State College Buffalo NY 14222

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8. CONSEQUENCES OF ALCOHOL CONSUMPTION IN HUMANS - Cont'd (Poster Numbers 178-205 / Abstract Numbers 178-205)

a. Health harms / benefits - cont'd (more on Monday)

- 183-S-183 THE RELATIVE CRASH RISK OF DRUGGED AND DRINKING DRIVING: FATAL CRASHES (PRELIMINARY RESULTS)** E. Romano, P. Torres, R. B. Voas, T. Kelley-Baker, & J. H. Lacey; Pacific Inst. for Res. and Evaluation
- 184-S-184 DRINKING DRIVING AND FATAL CRASHES: ARE SOME RACIAL/ETHNIC GROUPS MORE AT RISK THAN OTHERS?** P. Torres, E. Romano, R. B. Voas, & J. H. Lacey PIRE and North Carolina State Univ.
- 185-S-185 THE ROLE OF ALCOHOL USE AND AVOIDANT COPING IN THE RELATIONSHIP BETWEEN ASSAULT, PTSD, AND PHYSICAL HEALTH** M. A. Bedard-Gilligan; J. M. Cronce; K. Lehavot; J. A. Blayney; & D. L. Kaysen. Univ. of Washington, Dept. of Psychiatry and Behavioral Sciences Seattle WA 98195
- 186-S-186 AMERICAN INDIAN WOMEN'S PERCEPTIONS OF PARTNER VIOLENCE AND ALCOHOL USE ON RESERVATIONS.** J.M. Green Univ. of North Dakota, Grand Forks ND 58202/PIRE Berkeley CA 94704
- 187-S-187 YOUNG WOMEN'S DESCRIPTIONS OF SITUATIONS AND BEHAVIORS THAT SIGNAL RISK FOR ALCOHOL-RELATED SEXUAL ASSAULT.** K.A. Parks; A.L. Hequembourg; K. Levonyan-Radloff; D. Hamilton. Univ. at Buffalo, Res. Inst. on Addictions Buffalo NY 14203

b. Mood and Affect

- 188-S-188 CHANGES IN EMOTIONAL REACTIVITY AND DISTRESS TOLERANCE AMONG HEAVY DRINKING ADOLESCENTS DURING SUSTAINED ABSTINENCE** J.L. Winward; N.M. Bekman; K. Cummins; K.L. Hanson; C. Wagner; C.W. Lejuez; S.A. Brown Dept. of Psychology, Univ. of California, San Diego
- 189-S-189 EARLY ADOLESCENT SUBSTANCE USE PREDICTS CONDUCT DISORDER SYMPTOMS BUT NOT DEPRESSIVE SYMPTOMS IN LATE ADOLESCENCE** B.T. Wymbs, C.A. McCarty, W.A. Mason, E. McCauley, A. Vander Stoep, K.M. King, & J.S. Baer Seattle Children's Res. Inst., Seattle Children's Hosp. Seattle WA 98105
- 190-S-190 CHARACTERIZING THE NATURE AND FUNCTION OF SUBJECTIVE RESPONSES TO ALCOHOL AMONG ADOLESCENTS USING ECOLOGICAL MOMENTARY ASSESSMENT** R Miranda; L Ray; E Reynolds; P Monti; A Justus; J Tidey; C Gwaltney; A Blanchard Brown Univ., Ctr. for Alcohol and Addiction Studies Providence RI 02912
- 191-S-191 DRINKING MOTIVES MODERATE THE REAL-TIME ASSOCIATION BETWEEN EPISODIC MOOD AND DRINKING AMONG SUBSTANCE-USING YOUNG ADULTS** R.L. Collins; P.C. Vincent; Y. Hsieh; S.D. Wilson; J.M. Smith; M. Insana Univ. at Buffalo-SUNY, Dept of Community Health and Health Behavior and Res. Inst. on Addictions Buffalo NY 14214
- 192-S-192 DEPRESSION, ALCOHOL USE DISORDERS AND SUBSTANCE USE DISORDERS MODERATE THE IMPULSIVITY LEVELS OF COLLEGE STUDENTS** R. Rosen, J. Sisante, R. Jiantonio-Kelly, A. Dager, S. Raskin, H. Tennen, C. Austad, C. Fallahi, R. Wood, G. Pearson Olin Neuropsychiatry Res. Ctr., Inst. of Living at Hartford Hosp., Yale Univ. Dept of Psychiatry, Univ. of Connecticut, Trinity College, Central Connecticut State Univ.
- 193-S-193 IMPULSIVITY MODERATES THE RELATIONSHIP BETWEEN PARTICIPATION IN DRINKING GAMES AND NEGATIVE ALCOHOL-RELATED CONSEQUENCES IN A FRESHMAN COLLEGE SAMPLE.** R. Jiantonio-Kelly, R. Rosen, J. Sisante, A. Dager, S. Raskin, H. Tennen, C. Austad, C. Fallahi, R. Wood, G. Pearson Olin Neuropsychiatry Res. Ctr., Inst. of Living at Hartford Hosp., Yale Univ. Dept of Psychiatry, Univ. of Connecticut, Trinity College, Central Connecticut State Univ.
- 194-S-194 SOBER-TO-DRUNK PERSONALITY DIFFERENCES: REPORTS FROM TARGETS AND THEIR "DRINKING BUDDIES"** R.P. Winograd, D. Steinley & K.J. Sher Univ. of Missouri-Columbia, Dept. of Psychological Sciences
- 195-S-195 SEX DIFFERENCES IN ALCOHOL'S EFFECT ON SMOKING CUE REACTIVITY IN NON-DEPENDENT SMOKERS.** M.P.J. Peloquin; E. Wagner, K; Hecimovic; S.P. Barrett. Dalhousie Univ., Dept. of Psychology, Halifax, NS B3H 4R2
- 196-S-196 ALCOHOL, MENTAL HEALTH, AND SEXUAL VICTIMIZATION AFFECT WOMEN'S MOOD AND SEXUAL AFFECT IN A HYPOTHETICAL SEXUAL SCENARIO** A.J. Jacques-Tiura; W.H. George; J.R. Heiman; J. Norris; & K.C. Davis Univ. of Washington Seattle WA 98105
- 197-S-197 STRESSING THE IMPORTANCE OF ANXIETY IN ALCOHOLISM** C.A. Moberg & J.J. Curtin Univ. of Wisconsin-Madison, Dept. of Psychology Madison WI 53706
- 198-S-198 ACTION FOCUSED COPING AS A MEDIATOR BETWEEN SOCIAL SUPPORT AND DEPRESSION IN AN ALCOHOL DEPENDENT IN-PATIENT TREATMENT SAMPLE.** L.P. Greenberg; S.P. Collum; S.L. Martindale; S.L. Dolan. Baylor Univ. Dept. of Psychology and Neuroscience Waco TX 76798
- 199-S-199 EXPLORING COLLEGE STUDENTS' PERCEPTIONS OF DEPRESSED MOOD AND THE RELATIONSHIP OF THESE PERCEPTIONS TO ALCOHOL USE AND PROBLEMS** I. M. Geisner; A. Mittmann; J. Kilmer, T. Herring & M. E. Larimer. Ctr. for the Study of Health and Risk Behaviors, Dept. of Psychiatry and Behavioral Sciences, Univ. of Washington Seattle WA 98105

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8. CONSEQUENCES OF ALCOHOL CONSUMPTION IN HUMANS - Cont'd (Poster Numbers 178-205 / Abstract Numbers 178-205)

b. Mood and Affect -cont'd

- 200-S-200 HIGH RISK ALCOHOL USE IS ASSOCIATED WITH DEPRESSION AND ANXIETY SYMPTOMS IN ACUTE AND EARLY HIV INFECTION** E. E. Morgan, S. P. Woods, N. A. Duarte, I. Grant, S. L. Letendre, D. Smith, S. Morris, S. Little, and the Translational Methamphetamine Res. Ctr. (TMARC) Group Univ. of California, San Diego San Diego CA 92103
- 201-S-201 THE EFFECT OF ALCOHOL ON THE WHITE MEMBERS OF INTERRACIAL GROUPS** C. E. Fairbairn; M. A. Sayette; J. F. Cohn; J. M. Levine; M. A. Antimarin; W. M. Sayers Univ. of Pittsburgh Pittsburgh PA 15260
- 202-S-202 EFFECTS OF ALCOHOL CONSUMPTION ON TWO COMPONENTS OF IMPULSIVE BEHAVIOR IN BINGE AND NONBINGE DRINKERS.** S.E. Cates; N. Hill-Kapturczak; K. Dunlap; M.A. Javors, C.W. Mathias; D.M. Dougherty. Depts. of Psychiatry and Pharmacology, Univ. of Texas HSC San Antonio TX 78229
- 203-S-203 READINESS TO CHANGE AND BRAIN DAMAGE IN PATIENTS WITH CHRONIC ALCOHOLISM** A.P. Le Berre^{1,2,3,4}; G. Rauchs^{1,2,3,4}; R. La Joie^{1,2,3,4}; F. Mezenge^{1,2,3,4}; C. Boudehent^{1,2,3,4,5}; F. Vabret^{1,2,3,4,5}; F. Eustache^{1,2,3,4}; A.L. Pitel^{1,2,3,4} and H. Beaunieux^{1,2,3,4} 1 INSERM, U1077, Caen, France, 2 UCBN, UMR-S1077, Caen, France, 3 EPHE, UMR-S1077, Caen, France, 4 CHU, U1077, Caen, France, 5 CHU, service d'addictologie, Caen, France
- 204-S-204 THE EFFECTS OF SELF-CONTROL CONSTRUCTS ON ALCOHOL-RELATED PROBLEMS VIA AFFECTIVE LABILITY** M. R. Pearson Old Dominion Univ. Norfolk VA 23529
- 205-S-205 GORDIS AWARD FINALIST - ECOLOGICALLY ASSESSED AFFECTIVE OUTCOMES OF ALCOHOL CONSUMPTION: DO EXPECTANCIES MATCH EXPERIENCE?** H. R. Treloar; T. M. Piasecki; D. M. McCarthy Univ. of Missouri Columbia MO 65211

9. PREVENTION

(Poster Numbers 206-229 / Abstract Numbers 206-229)

a. Policy

- 206-S-206 THE ALCOHOL POLICY LANDSCAPE: PRICING LEVERS TO REDRESS EXCESSIVE ALCOHOL CONSUMPTION AND RELATED HARMS.** N. Carragher; J. Chalmers. Univ. of New South Wales, National Drug and Alcohol Res. Centre, Sydney, New South Wales, 2031, Australia
- 207-S-207 WITHDRAWN**
- 208-S-208 USE OF UNDERAGE COMPLIANCE CHECKS AMONG LOCAL LAW ENFORCEMENT AGENCIES IN U.S.** T.F. Nelson; D.J. Erickson; T.L. Toomey; K.M. Lenk; M. Miazga. Univ. of Minnesota, School of Public Health, Div. of Epidemiology and Community Health Minneapolis MN 55454
- 209-S-209 DO NEIGHBORHOOD ATTRIBUTES MODERATE THE RELATIONSHIP BETWEEN ALCOHOL OUTLET DENSITY AND CRIME?** K.M. Lenk; T.L. Toomey; D.J. Erickson; B.P. Carlin; H.S. Quick; E.M. Harwood. Univ. of Minnesota, School of Public Health Minneapolis MN 55454
- 210-S-210 SPATIAL DIFFUSION EFFECTS OF POLICE COMPLIANCE CHECKS** D. J. Erickson; D. J. Smolenski; B. P. Carlin; T. L. Toomey Univ. of Minnesota, School of Public Health Minneapolis MN 55454
- 211-S-211 ALCOHOL OUTLET DENSITIES AND PRICE IN THE CONTEXT OF PRIVATIZATION.** A.J. Treno and W.R. Ponicki. Prevention Res. Ctr., Berkeley CA
- 212-S-212 MEASURING IMPACTS OF ALCOHOL OUTLETS ON ASSAULTS AND MOTOR VEHICLE CRASHES ACROSS 50 CALIFORNIA CITIES** W.R. Ponicki; P.J. Gruenewald Prevention Res. Ctr., Berkeley, CA
- 213-S-213 A NATIONAL EVALUATION OF GRADUATED DRIVING LICENSING LAWS.** J.C. Fell; E. Romano; M. Todd Pacific Inst. for Res. and Evaluation Calverton MD 20705
- 214-S-214 REQUIRING INTERLOCKS TO REINSTATE: 50% EFFECTIVE.** R.B. Voas; A.S. Tippetts Impaired Driving Ctr., Pacific Inst. for Res. and Evaluation Calverton MD 20705
- 215-S-215 WHY DO IGNITION INTERLOCKS ONLY TEMPORARILY REDUCE IMPAIRED DRIVING? A LIKELY EXPLANATION FROM ALCOHOL BIOMARKER DATA.** P.R. Marques Pacific Inst. for Res. and Evaluation Calverton MD 20705
- 216-S-216 GORDIS AWARD FINALIST - SMOKE-FREE BAR POLICIES PREDICT DRINKING BEHAVIORS AND ALCOHOL USE DISORDERS IN A LONGITUDINAL U.S. SAMPLE.** K.C. Young-Wolff; A. Hyland; R. Desai; J. Sindelar; C.E. Pilver; S.A. McKee Yale Univ., School of Med. New Haven CT 06511
- 217-S-217 IS STANDARD DRINK SIZE INFORMATION ENOUGH TO CURB DRINKERS' ENTHUSIASM? FINDINGS FROM A FIELD INTERVENTION AMONG BAR GOERS** L. Devos-Comby; J. Holscher; C. Anderson; & J.E. Lange San Diego State Univ., AOD Initiatives Res. San Diego CA 92120

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9. PREVENTION - Cont'd

(Poster Numbers 206-229 / Abstract Numbers 206-229)

a. Policy - cont'd

- 218-S-218 THE TRANSLATIONAL PARADIGM IN ADDICTION GENOMICS RESEARCH: A MODEL OF BEST FIT?** J.E. Ostergren; R. Hammer; M. Dingel; B.A. Koenig; J.B. McCormick Mayo Clinic Biomedical Ethics Res. Unit and Mayo Clinic College of Med. Rochester MN 55905
- 219-S-219 PATTERNS OF SELECTED ALCOHOL CONTROL POLICIES ACROSS U.S. STATES** J. Blanchette, T.F. Nelson, Z. Xuan T. Hereen and T.S. Naimii Boston Med. Ctr.
- 220-S-220 COMPARATIVE ASSESSMENT OF STATE ALCOHOL CONTROL POLICIES** T.F. Nelson, Z. Xuan J. Blanchette, Univ. of Minnesota, T. Hereen and T.S. Naimi Univ. of Minnesota School of Public Health
- 221-S-221 RELATIONSHIP BETWEEN YOUTH AND ADULT BINGE DRINKING IN THE US** Z. Xuan, T.F. Nelson, V. Churchill, T. Hereen and T.S. Naimi Boston Univ. School of Public Health

b. Other

- 222-S-222 PROVISION OF ALCOHOL TO UNDERAGE YOUTH BY YOUNG ADULTS** A.M. Arria, K.M. Caldeira, K.B. Vincent, L.M. Garnier-Dykstra, K.E. O'Grady Ctr. on Young Adult Health and Development, Univ. of Maryland School of Public Health, Dept. of Family Science College Park MD 20740
- 223-S-223 MOTIVATION-ENHANCING INTERVENTION FOR OPERATING UNDER THE INFLUENCE OFFENDERS: THREE YEAR RECIDIVISM COMPARED TO AN ALTERNATIVE PROGRAM** B. Beadnell; D.B. Rosengren; P.A. Stafford; C.C. DiClemente; R. Daugherty Prevention Res. Inst. Lexington KY 40503
- 224-S-224 FEASIBILITY OF USING IPADS FOR DATA COLLECTION AT COLLEGE PARTIES** J.M. Croff Oklahoma State Univ. Stillwater OK 74075
- 225-S-225 CONGRUENCY IN PARENT- AND STUDENT-REPORTED DATA ON PARENTING BEHAVIOR: WHICH IS A BETTER PREDICTOR OF COLLEGE STUDENT DRINKING?** L. Varvil-Weld; N. Scaglione; R. Turrisi. The Pennsylvania State Univ. Univ. Park PA 16803
- 226-S-226 EVALUATING A PROTECTIVE BEHAVIORAL STRATEGIES SKILLS TRAINING INTERVENTION IN REDUCING RISKY ALCOHOL OUTCOMES AMONG STUDENTS WITH POORER MENTAL HEALTH.** J.W. LaBrie Loyola Marymount Univ. Los Angeles CA 90045
- 227-S-227 RELATIONSHIP OF PROTECTIVE BEHAVIORAL STRATEGIES TO ALCOHOL CONSEQUENCES AMONG SWEDISH HIGH SCHOOL SENIORS: MODERATING ROLE OF CONDUCT DISORDER SYMPTOMS** C. Andersson; M. Berglund; K. Johnsson; K. Witkiewitz; M. Larimer; T. Dillworth; M. Lewis Malmö Univ., Malmö, Sweden
- 228-S-228 EXAMINING PROTECTIVE BEHAVIORAL STRATEGIES IN YOUNG ADULTS: WHICH STRATEGIES ARE ASSOCIATED WITH HEAVIER DRINKING AND NEGATIVE CONSEQUENCES?** K.S. DeMartini; R.S. Palmer; R.F. Leeman; W.R. Corbin; B.A. Toll; L.M. Fucito; S.S. O'Malley. Yale Univ., School of Med. New Haven CT 06511
- 229-S-229 PROTECTIVE BEHAVIORAL STRATEGIES AS A MEDIATOR OF THE RELATIONSHIP BETWEEN ANXIETY AND HIGH-RISK DRINKING.** D.M. Litt; M.A. Lewis; D. Kaysen Univ. of Washington, Ctr. for the Study of Health Risk Behaviors Seattle WA 98195

10. TREATMENT / RECOVERY

(Poster Numbers 230-259 / Abstract Numbers 230-259)

a. Psychotherapy (more on Monday)

- 230-S-230 PATIENT COMMITMENT STRENGTH DURING MI, HEALTHCALL PARTICIPATION, AND DRINKING OUTCOMES: RESULTS FROM A RANDOMIZED TRIAL OF HIV PRIMARY CARE PATIENTS.** P. Amrhein; E. Aharonovich; E. Greenstein; D. Hasin Columbia Univ., New York, NY
- 231-S-231 HIV RISK BEHAVIORS AMONG WOMEN IN SUBSTANCE ABUSE TREATMENT: CORRELATES AND PREDICTORS OF CHANGE** K.H. Dermen Res. Inst. on Addictions, Univ. at Buffalo, SUNY Buffalo NY 14203
- 232-S-232 IS EMPATHIC SPEECH RELATED TO CHANGE TALK? EXPLORING IN-SESSION BEHAVIOR IN MOTIVATIONAL INTERVIEWING FOR ALCOHOL & SUBSTANCE USE DISORDERS.** D. J. Fischer; T. B. Moyers. Univ. of New Mexico, Ctr. on Alcohol, Substance Abuse, and Addictions (CASAA) Albuquerque NM 87106
- 233-S-233 A NEW APPROACH TO CODING SPEECH IN MOTIVATIONAL INTERVIEWING** J.M. Houck; C.D. Tesche; T.B. Moyers Univ. of New Mexico, Ctr. on Alcoholism, Substance Abuse, and Addictions Albuquerque NM 87131
- 234-S-234 WINDOWS OF OPPORTUNITY: SEQUENTIAL ANALYSIS OF CLIENT-CLINICIAN INTERACTION USING TIME WINDOWS** J.M. Houck, T.B. Moyers, L.H. Glynn, & J.K. Manuel Univ. of New Mexico, Ctr. on Alcoholism, Substance Abuse, and Addictions Albuquerque NM 87131

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10. TREATMENT / RECOVERY - Cont'd (Poster Numbers 230-259 / Abstract Numbers 230-259)

a. Psychotherapy - cont'd (more on Monday)

- 235-S-235 EFFICACY OF WEB INTERVENTION FOR MALE AND FEMALE DRINKERS WITH AND WITHOUT A RECENT IN-PERSON TREATMENT HISTORY.** A. Rubin, M. Lachowicz, D. Brief, M. Roy, J. Enggasser, J. Hermos, D. Rosenbloom, E. Helmuth, D. Benitez, T. Keane VA Boston Healthcare System, Boston, MA 02130 and Boston Univ. School of Med. Boston MA 02118
- 236-S-236 CLIENT LANGUAGE ASSESSMENT PROXIMAL/DISTAL (CLA-PD): OVERVIEW AND PILOT RELIABILITY.** M. Magill; T. R. Apodaca; J. Gaume; J. Walthers; C.H. Dupree. Ctr. for Alcohol and Addiction Studies, Brown Univ., Providence, RI
- 237-S-237 THE ALCOHOL INTERVENTION MECHANISMS SCALE (AIMS): OVERVIEW AND PILOT RELIABILITY.** M. Magill; T. R. Apodaca; J. Gaume; C.H. Dupree; J. Walthers. Ctr. for Alcohol and Addiction Studies, Brown Univ., Providence, RI
- 238-S-238 IS THERE A DIFFERENCE? A MULTIVARIATE DISTINCTION OF TWO BRIEF INTERVENTIONS.** C.J. McLouth; T.B. Moyers; C.R. Schermer Univ. of New Mexico, Ctr. on Alcoholism, Substance Abuse, and Addictions Albuquerque NM 87106
- 239-S-239 PROLONGED EXPOSURE FOR THE TREATMENT OF PTSD IN A PTSD-ALCOHOL DEPENDENT SAMPLE** S.F. Coffey, J.A. Schumacher, & P.R. Stasiewicz Dept. of Psychiatry and Human Behavior, The Univ. of Mississippi Med. Ctr., Jackson MI 39216
- 240-S-240 COMPARISON OF STRATEGIES FOR REDUCING CUE-ELICITED CRAVING FOR ALCOHOL** Murphy, C.M.; MacKillop, J. Univ. of Georgia Athens GA 30602
- 241-S-241 AN IVR MULTI-SESSION TREATMENT PROGRAM FOR RISKY DRINKERS: INITIAL EFFICACY** A. Rubin, E. Cunniff, R. Saitz, T. Heeren, S. B. Gulliver, R. H. Friedman. Boston Univ. School of Med. Boston MA 02130

b. Other

- 242-S-242 ASSOCIATION BETWEEN PATIENT BELIEFS REGARDING ASSIGNED TREATMENT AND CLINICAL RESPONSE AMONG VERY HEAVY DRINKERS AT 6-12 MONTH FOLLOW-UP** R. Karg, J. Schoden, A. Aldridge, C. Coomes, E. Saleska, P. Pulliam, P. Chiapella & R. Litten RTI International Research Triangle Park NC 27709
- 243-S-243 IN SEARCH OF LONG-TERM TREATMENT EFFECTS: ANALYSIS OF DATA FROM THE COMBINED PHARMACO-THERAPIES AND BEHAVIORAL INTERVENTIONS STUDY** J. Schoden, R. Karg, A. Aldridge, C. Coomes, E. Saleska, P. Pulliam, P. Chiapella & R. Litten RTI International Research Triangle Park NC 27709
- 244-S-244 THE EFFECTS OF COUNSELOR CHARACTERISTICS ON WITHIN-SESSION PROCESSES AND OUTCOMES IN A BRIEF MOTIVATIONAL INTERVENTION FOR HEAVY DRINKING** J. Gaume, M. Magill, R. Longabaugh, N. Bertholet, G. Gmel, J.B. Daeppen Ctr. for Alcohol and Addiction Studies, Brown Univ., Providence RI 02912
- 245-S-245 PREDICTIONS AND THREE-YEAR DRINKING OUTCOMES OF CONTINUED TREATMENT AMONG INDIVIDUALS IN REMISSION FROM ALCOHOL DEPENDENCE** Y. Ye, L.A. Schmidt, J.C. Bond and N. Mulia Alcohol Res. Group, Public Health Inst. Emeryville CA 94608
- 246-S-246 TRANSTHEORETICAL MODEL CONSTRUCT PROFILES OF WOMEN WHO REDUCED ALCOHOL CONSUMPTION IN PROJECT CHOICES: ROADMAP TO SUCCESS** von Sternberg, K.1; Velasquez, M.M.1; & DiClemente, C.C.2 1 Health Behavior Res. and Training Inst., Ctr. for Social Work Res., Univ. of Texas, Austin, TX 78712, 2 Univ. of Maryland, Baltimore County Baltimore MD 21250
- 247-S-247 TOBACCO TREATMENT EFFECTS ON LONG-TERM ABSTINENCE FROM ALCOHOL AND ILLICIT DRUGS: A META-ANALYSIS** J.J. Prochaska, J.L. Burtner*, K. Delucchi, S.M. Hall Univ. of California, San Francisco San Francisco CA 94143
- 248-S-248 WITHDRAWN**
- 249-S-249 PREDICTORS OF FIRST ENTRY INTO TREATMENT IN A LONGITUDINAL HIGH-RISK SAMPLE** J.D. Slane; L.I. Putler; J.A. Cranford; J. Jester; A. Buu; R.A. Zucker Univ. of Michigan Addiction Res. Ctr., Dept. of Psychiatry Ann Arbor MI 48109
- 250-S-250 TREATMENT SETTINGS FOR ALCOHOLICS: A PARTIAL REPLICATION IN A COMMUNITY SETTING** R.G. Rychtarik; N.B. McGillicuddy; R.B. Whitney; G.J. Connors; G.D. Papandonatos Univ. at Buffalo, The State Univ. of New York Buffalo NY 14203
- 251-S-251 MULTIVARIATE MEDIATIONAL ANALYSES OF DISTAL AND PROXIMAL FACTORS RELATED TO PARTNER VIOLENCE: IMPORTANCE OF CHILDHOOD AGGRESSION HISTORY** S.T. Chermack; Q. Epstein-Ngo; M.A. Walton Univ. of Michigan Addiction Res. Ctr. Ann Arbor MI 48109
- 252-S-252 RELATIONSHIPS BETWEEN SPECIFIC COPING STRATEGIES AND VICTIMIZATION AMONG ALCOHOL AND DRUG USERS IN RESIDENTIAL TREATMENT** S. Chermack; E. Bonar; A. Bohnert; M. Sanborn; M. Ilgen Univ. of Michigan Addiction Res. Ctr., Dept. of Psychiatry Ann Arbor MI 48109
- 253-S-253 ATTRITION IN DRUG COURT RESEARCH: EXAMINING PARTICIPANT CHARACTERISTICS AND RECOMMENDATIONS FOR FOLLOW-UP** N. S. Mendoza, T. H., Nochajski, & M. G. Farrell Res. Inst. on Addictions, Univ. at Buffalo, The State Univ. of New York Buffalo NY 14203

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10. TREATMENT / RECOVERY - Cont'd (Poster Numbers 230-259 / Abstract Numbers 230-259)

b. Other - cont'd

- 254-S-254** **MODELS OF ADDICTION AND RECOVERY UTILIZED BY ALCOHOL AND DRUG ABUSE TREATMENT PROGRAMS IN MIAMI** A. Pagano Univ. of California, Berkeley and Prevention Res. Ctr. Berkeley CA 94704
- 255-S-255** **USING MULTIPLE RECRUITING SOURCES TO REACH UNTAPPED SEGMENTS OF THE RECOVERY COMMUNITY IN RESEARCH** A.B. Laudet; L.A. Kaskutas; T. Borkman; L.A. Ritter; M.S. Subbaraman National Development and Res. Insts., Inc NYC NY 10010
- 256-S-256** **CHARACTERISTICS AND TREATMENT RESPONSE IN ADOLESCENTS WITH AND WITHOUT FAMILY HISTORY OF ALCOHOL AND DRUG USE DISORDER** V. Hristova and J.F. Kelly Harvard Med. School/Massachusetts General Hosp.
- 257-S-257** **SUSTAINED RECOVERY FROM ALCOHOL USE DISORDERS: FINDINGS FROM THE 30-YEAR FOLLOWUP OF THE SAN DIEGO PROSPECTIVE STUDY** R.S. Trim; M.A. Schuckit; T.L. Smith Univ. of California-San Diego, Dept of Psychiatry La Jolla CA 92093
- 258-S-258** **THE RELATIONSHIP BETWEEN ALCOHOL PROBLEM RECOGNITION AND THE COURSE OF ALCOHOL RELATED DIFFICULTIES** S.A. Schroder; A.K. Littlefield; K.J. Sher Univ. of Missouri, Dept. of Psychological Sciences Columbia MO 65202
- 259-S-259** **EVALUATION OF AN ATTENTIONAL TRAINING TASK WITH HEAVY DRINKING UNIVERSITY STUDENTS** L. Ashrafioun; H. Rosenberg; R. Anderson Bowling Green State Univ., Dept. of Psychology Bowling Green OH 43403

11. EPIDEMIOLOGY (Poster Numbers 260-290 / Abstract Numbers 260-290)

a. Alcohol consumption rates, drinking patterns (more on Monday and Tuesday)

- 260-S-260** **SPATIAL PATTERNS OF DRINKING IN MANDATED COLLEGE STUDENTS** V. Lazar a, N. Mastroleo a, & Brian Borsari b,a aCtr. for Alcohol and Addiction Studies, Brown Univ. bMental Health and Behavioral Sciences Service, Providence VAMC, Providence RI 02908
- 261-S-261** **GENDER DIFFERENCES IN COLLEGE STUDENT ADHERENCE TO NIAAA DAILY AND WEEKLY DRINKING GUIDELINES.** B.H. Hoepfner; A. Paskausky; K.M. Jackson; N.P. Barnett Massachusetts General Hosp., Ctr. for Addiction Med. Boston MA 02114
- 262-S-262** **ALCOHOL EXPERIMENTS IN THE FIELD: THE HIGH ECOLOGICAL SURVEY OF RISKY BEHAVIOR.** M. B. Johnson; A. Todaro. Pacific Inst. for Res. and Evaluation Calverton MD 20705
- 263-S-263** **PREGAMING IN ENTERING COLLEGE FRESHMEN** A.L. Haas, K. Kagan, S.K. Smith, T. Kondo & T. Jacob Palo Alto Univ., Pacific Graduate School of Psychology Palo Alto CA 94304
- 264-S-264** **CO-OCCURRING BINGE DRINKING AND EATING BEHAVIORS** S. Kelly-Weeder Boston College, Connell School of Nursing Chestnut Hill MA 02467
- 265-S-265** **PATTERNS OF USE AND MOTIVATIONS FOR CO-INGESTION OF ALCOHOL MIXED WITH ENERGY DRINKS.** A. Peacock; R. Bruno; F. Martin School of Psychology, Univ. of Tasmania, Hobart, Tasmania Australia 7001
- 266-S-266** **EXAMINING TRANSTHEORETICAL MODEL VARIABLES AND PATTERNS OF THURSDAY DRINKING ACROSS AN ACADEMIC SEMESTER AMONG COLLEGE WOMEN** R. M. Ward; M. Cleveland; T. Messman-Moore Miami Univ. Oxford OH 45056
- 267-S-267** **FURTHER EXAMINATION OF DELIBERATE INDUCTION OF ALCOHOL TOLERANCE : IS TRAINING FOR INCREASED TOLERANCE ASSOCIATED WITH NEGATIVE ALCOHOL OUTCOMES?** C.C. Weaver; G.R. Raskin; A.M. Haeny; K.J. Sher Univ. of Missouri-Columbia, Dept. of Psychological Sciences Columbia MO 65211
- 268-S-268** **MOTIVATIONAL ORIENTATIONS, EFFORTFUL CONTROL AND ALCOHOL USE** M. M. Wong and S. E. Rowland Idaho State Univ., Dept. of Psychology Pocatello ID 83209
- 269-S-269** **ALCOHOL USE BEHAVIOR MILESTONES AS A FUNCTION OF AGE IN CHILDREN AND ADOLESCENTS.** J. E. Donovan; B. S. G. Molina Univ. of Pittsburgh School of Med. Pittsburgh PA 15213
- 270-S-270** **ENERGY DRINK AND ALCOHOL USE: IT'S NOT WHAT YOU THINK** P.M. Dillon; L.C. Hull; L. Thacker; D.S. Svikis. Virginia Commonwealth Univ., Addiction and Women's Health: Advancing Res. and Evaluation Richmond VA 23298
- 271-S-271** **ALCOHOL TRAJECTORY ESTIMATION IS SENSITIVE TO MEASUREMENT TIMING IN THE CONTEXT OF GROWTH MIXTURE MODELING.** A.M. Fairlie; K.M. Jackson; T.A. Walls; M.D. Wood. Dept. of Psychology, Univ. of Rhode Island Kingston RI 02881
- 272-S-272** **THE CLINICAL COURSE OF ALCOHOL USE DISORDERS: USING JOINPOINT ANALYSIS TO AID IN INTERPRETATION OF GROWTH MIXTURE MODELS** M. A. Prince; S. A. Maisto Syracuse Univ., Dept. of Psychology Syracuse NY 13210

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11. EPIDEMIOLOGY - Cont'd (Poster Numbers 260-290 / Abstract Numbers 260-290)

a. Alcohol consumption rates, drinking patterns - cont'd (more on Monday and Tuesday)

- 273-S-273** **TEMPORAL TRENDS IN ECONOMIC INDICATORS, ALCOHOL SALES, AND DRINKING PATTERNS** W. C. Kerr Alcohol Res. Group, Emeryville CA 94608
- 274-S-274** **A PROSPECTIVE STUDY OF THE RELATIONSHIP AMONG SOCIAL NETWORK MEMBERS OF THEIR FREQUENCY OF ALCOHOL CONSUMPTION.**
C. A. Latkin, J. Yang; M. Davey-Rothwell; Dept. of Health, Behavior and Society, Johns Hopkins Bloomberg Sch. of Public Health Baltimore MD 21205
- 275-S-275** **ECONOMIC LOSS AND ALCOHOL PROBLEMS DURING THE 2008-9 RECESSION: FINDINGS FROM THE NATIONAL ALCOHOL SURVEY** N. Mulia, S. Zemore, H. Liu, R. Catalano. Alcohol Res. Group Emeryville CA 94608

b. Alcohol abuse, dependence

- 276-S-276** **ALCOHOL, DRUG USE DISORDERS, AND BORDERLINE PERSONALITY DISORDER IN NESARC: EVIDENCE FOR ENDOGENOUS OPIOID SYSTEM DYSREGULATION.** R. W. Carpenter; P. K. Wood; T. J. Trull. Univ. of Missouri-Columbia, Psychology Building Columbia MO 65201
- 277-S-277** **TOWARDS THE CHARACTERIZATION OF ALCOHOL USE DISORDER SUBTYPES: INTEGRATING CONSUMPTION AND SYMPTOM DATA** K.M. Jackson, K.K. Bucholz, D. Steinley, P.K. Wood, J.D. Grant, K.J. Sher Ctr. for Alcohol and Addiction Studies, Brown Univ. Providence RI 02912
- 278-S-278** **ALCOHOL USE DISORDERS AND ILLICIT DRUG USE IN THE US: EXAMINATION OF PATHWAYS USING STRUCTURAL EQUATION MODELING**
TD Saha and BF Grant. Lab. of Epidemiology and Biometry National Inst. on Alcohol Abuse and Alcoholism (NIAAA) National Insts. of Health (NIH), Bethesda MD 20892
- 279-S-279** **COMORBID BINGE EATING AND ALCOHOL DEPENDENCE: CONTRIBUTIONS FROM PARENTAL ALCOHOL PROBLEMS, CHILD ABUSE HISTORY, AND EARLY MATURATION.** M.A. Munn-Chernoff; A.E. Duncan; K.K. Bucholz; P.A.F. Madden; A.C. Heath Washington Univ., Sch. of Med. St Louis MO 63110
- 280-S-280** **ALCOHOL TREATMENT AND CORRELATES-THE FIRST BRAZILIAN NATIONAL SURVEY** P. de Saibro; C.S. Madruga; R. Laranjeira; R. Caetano; C.P. Ferri; M. Zaleski; I. Pinsky National Inst. of Policies on Alcohol and Drugs (INPAD), Departamento de Psiquiatria, Universidade Federal de Sao Paulo, Sao Paulo, Brazil
- 281-S-281** **ALCOHOL INTOXICATION, CO-INGESTION AND WITHDRAWAL IN MEDICAL TOXICOLOGY CONSULTATIONS: A REVIEW OF THE TOXIC CASE REGISTRY** T Wiegand¹, R Gorodetsky^{1,2}, M Kamali¹, N Barton¹, PWax³ ¹Univ. of Rochester Med. Ctr., Rochester NY ²Youville School of Pharmacy, ³Univ. of Texas Southwestern Med. Ctr., Dallas TX
- 282-S-282** **INVESTIGATING OSTENSIBLE ONSETS OF ALCOHOL USE DISORDERS.** A.M. Haeny; A.K. Littlefield; K.J. Sher. Midwest Alcoholism Res. Ctr. and the Univ. of Missouri-Columbia, Dept. of Psychological Sciences Columbia MO 65211
- 283-S-283** **QUALITY OF LIFE MEASURES IN MEN AND WOMEN WITH COMORBID DEPRESSION AND ALCOHOL DEPENDENCE** C.L. La Riche; D. Prestia; J. R. Cornelius, I.M. Salloum. Dept of Psychiatry and Behavioral Sciences, Univ of Miami Leonard M Miller School of Med, Clinical Res. Building, Miami FL 33136, Univ of Pittsburgh School of Med.
- 284-S-284** **HOUSING INSTABILITY AND MODERATORS OF RISK FOR ALCOHOL PROBLEMS** R. Murphy, S. Zemore, N. Mulia Alcohol Res. Group Emeryville CA 94608
- 285-S-285** **THE RELATIONSHIP BETWEEN ALCOHOL USE DISORDERS AND SUICIDALITY: AN EXPLORATORY STUDY OF THE 2007 ADULT PSYCHIATRIC MORBIDITY SURVEY IN ENGLAND.** A.C. Wolstenholme; J.M.A. Sinclair; C. Drummond. National Addiction Centre, Inst. of Psychiatry, King's College London, London SE5 8BB, United Kingdom

c. Morbidity and Mortality

- 286-S-286** **ACUTE ALCOHOL INTOXICATION AND SUICIDE MORTALITY** M.S. Kaplan; B.H. McFarland; N. Huguet; K.R. Conner; R. Caetano; N. Giesbrecht; K.B. Nolte Portland State Univ. Portland OR 97207
- 287-S-287** **TERRORISM, WAR, ONE-SIDED VIOLENCE AND GLOBAL BURDEN OF ALCOHOL USE DISORDERS** B.T. Kerridge Dept. of Epidemiology and Biostatistics, School of Public Health Univ. of Maryland College Park MD 20740
- 288-S-288** **INCIDENCE OF DRUG AND ALCOHOL INVOLVEMENT IN COMPLETED SUICIDES: FLORIDA RESIDENTS 2008-2011.** B. Lewis; L. Merlo; B. Enoch; R. Prather; S.J. Nixon. Univ. of Florida, Dept. of Psychiatry Gainesville FL 32610
- 289-S-289** **THE EFFECT OF ALCOHOL USE AND AGGRESSION ON SUICIDE ATTEMPTS IN AN ADOLESCENT CLINICAL SAMPLE** K. O'Brien; K.L. Kivisto; C. Esposito-Smythers; J.C. Wolff; A. Spirito. Brown Univ.
- 290-S-290** **ASSOCIATION OF HEAVY DRINKING AND DRUNKENNESS WITH INJURY MORTALITY FROM 11-22 YEAR FOLLOW-UP** Y. Ye, T.K. Greenfield, W.C. Kerr, J.C. Bond Alcohol Res. Group, Public Health Inst. Emeryville CA 94608

2012 RSA SCHEDULE OF POSTERS

SUNDAY, JUNE 24 ~ ~ ~ 4:00PM - 6:00PM

12. PHARMACOKINETICS AND METABOLISM (Poster Numbers 291-295 / Abstract Numbers 291-295)

- 291-S-291 PHARMACOKINETICS OF NICOTINE AND ITS METABOLITE COTININE IN THE BRAIN OF ALCOHOL-PREFERRING (P) RATS AFTER INTRAGASTRIC ADMINISTRATION.** S.N. Katner; J.A. McClaren; Z.A. Rodd; E. A. Engleman; W.J. McBride. Dept Psych, Inst Psych Res, Indiana Univ Sch Med Indianapolis IN 46202
- 292-S-292 METABOLIC PRODUCTS OF [1-13C]ETHANOL IN THE AWAKE RAT BRAIN** J. Wang; P.C. Nicholas; D. Kim; L.H. Jiang; L. Castracane; J.M. Macdonald; F.T. Crews; G.F. Mason Yale Univ., New Haven, CT, 06519, Univ of North Carolina at Chapel Hill, Chapel Hill, NC, 27599, Wuhan Inst. of Physics and Mathematics, CAS, Wuhan China 430071
- 293-S-293 CHRONIC FREE-CHOICE DRINKING IN CROSSED HAP MICE LEADS TO METABOLIC TOLERANCE AND CYP2E1 ENZYME INDUCTION WITHOUT EVIDENCE OF LIVER DAMAGE** L. Matson, S. Liangpunsakul, D. Crabb, A. Buckingham, R. Ross, M. Halcomb, and N. Grahame Indiana Univ. Purdue Univ. Indianapolis Indianapolis IN 46202
- 294-S-294 ROLE OF ADENOSINE A1 RECEPTORS IN EXACERBATION OF INFLAMMATION AND LIVER DAMAGE UNDER EXCESSIVE ALCOHOL CONSUMPTION.** T. Nagata; Y.G. Huang The Lipid Res. Lab., Veterans Affairs Med. Ctr., Washington DC 20422
- 295-S-295 COMPARING TRANSDERMAL AND BREATH ALCOHOL CONCENTRATION READINGS DURING PERIODS OF ALCOHOL CONSUMPTION FROM MODERATE DRINKING TO BINGE DRINKING** D.M. Dougherty; S.E. Cates; N.E. Charles; A. Acheson; S. John; R.M. Furr; N. Hill-Kapturczak. The Univ. of Texas Health Science Ctr. at San Antonio-School of Med. San Antonio TX 78229

13. LIFESPAN / DEVELOPMENT (Poster Numbers 296-322 / Abstract Numbers 296-322)

a. Infancy / Childhood

- 296-S-296 RESPONSE PATTERNS ON THE ALCOHOL EXPECTANCY QUESTIONNAIRE FOR A SAMPLE OF 8-12 YEAR OLD CHILDREN OF ALCOHOLICS** R.K. Eliseo-Arras, T.H. Nochajski, E. Maguin, D. J. DeWit, & A. Safyer Univ. At Buffalo, School of Social Work, Buffalo, NY 14214, Centre for Addiction and Mental Health, London, Ontario, Canada, Adelphi Univ., Garden City, New York
- 297-S-297 CHILDREN WITH A FAMILY HISTORY OF ALCOHOL AND OTHER DRUG USE DISORDERS SHOW INCREASED DISCOUNTING OF DELAYED MONETARY REWARDS.** A. Acheson, D. L. Hernandez, A. N. Ford, N. E. Charles, C. W. Mathias, D. M. Dougherty Univ. of Texas Health Science Ctr. at San Antonio San Antonio TX 78229
- 298-S-298 CORRELATES OF SELF-REPORTED AGGRESSION IN A SAMPLE OF CHILDREN AT RISK FOR DEVELOPING FUTURE ALCOHOL AND OTHER DRUG USE PROBLEMS.** N. E. Charles, D. L. Hernandez, A. N. Ford, C. W. Mathias, A. Acheson, D. M. Dougherty Univ. of Texas Health Science Ctr. at San Antonio San Antonio TX 78229
- 299-S-299 HISPANIC CHILDREN AT RISK FOR DEVELOPING ALCOHOL AND DRUG USE DISORDERS HAVE INCREASED EXTERNALIZING BEHAVIORS** A. N. Ford, D. L. Hernandez, N. E. Charles, C. W. Mathias, A. Acheson, D. M. Dougherty Univ. of Texas Health Science Ctr. at San Antonio San Antonio TX 78229
- 300-S-300 CHILDREN WITH FAMILY HISTORIES OF ALCOHOL AND OTHER DRUG USE DISORDERS EXPERIENCE INCREASED CHILDHOOD ADVERSITY** D. L. Hernandez, A. N. Ford, N. E. Charles, C. W. Mathias, A. Acheson, D. M. Dougherty Univ. of Texas Health Science Ctr., San Antonio TX 78229
- 301-S-301 ALCOHOL INITIATION CONTEXTS OF ADOLESCENT GIRLS** J. A. Livingston, M. Testa, & M. Windle Res. Inst. on Addictions, Univ. at Buffalo, SUNY, Buffalo, New York 14203, US
- 302-S-302 ASSOCIATIONS BETWEEN DIFFERENT DIMENSIONS OF IMPULSIVITY AND INCREASES IN ALCOHOL USE FREQUENCY AMONG EARLY ADOLESCENTS** N. Marmorstein Rutgers Univ., Dept. of Psychology Camden NJ 08102
- 303-S-303 INDIVIDUAL DIFFERENCES AND THE PREDICTION OF ADDICTIVE BEHAVIORS DURING THE TRANSITION FROM PREADOLESCENCE TO ADOLESCENCE.** L. Guller; T.C.B. Zapolski; G.T. Smith. Univ. of Kentucky, Dept. of Psychology Lexington KY 40506
- 304-S-304 INTERACTIVE EFFECTS OF AGE AND EMOTION REGULATION FOR ADOLESCENT ALCOHOL USE.** K.L. Kivisto; K. O'Brien; C. Esposito-Smythers; J. Wolff; A. Spirito. Brown Univ., Ctr. for Alcohol and Addiction Studies Providence RI 02912

2012 RSA SCHEDULE OF POSTERS

SUNDAY, JUNE 24 ~ ~ ~ 4:00PM - 6:00PM

13. LIFESPAN / DEVELOPMENT - Cont'd (Poster Numbers 296-322 / Abstract Numbers 296-322)

b. Adolescence

- 305-S-305 ALCOHOL USE BEHAVIORS FROM ADOLESCENCE TO YOUNG ADULTHOOD: AN APPLICATION OF THE DEVIANCE PRONENESS MODEL** G. Chan; V. Hesselbrock; M. Hesselbrock Dept. of Psychiatry, Univ. of Connecticut, School of Med. Farmington CT 06030
- 306-S-306 SHORT-TERM RECANTING OF LIFETIME ALCOHOL, TOBACCO, AND MARIJUANA USE IN A PROSPECTIVE ADOLESCENT SAMPLE** K.M. Jackson, M. Rogers, S.M. Colby, N. Barnett, C. Abar Ctr. for Alcohol and Addiction Studies, Brown Univ. Providence RI 02912
- 307-S-307 ADOLESCENTS' MISUSE OF ALCOHOL AND CONTROLLED MEDICATIONS: ARE THE RISK FACTORS THE SAME?** C. J. Boyd; J.A. Cranford; A. Young; P. L. Ross-Durow; S. E. McCabe. Univ. of Michigan, Ann Arbor MI 48109
- 308-S-308 CONTEXTUAL INFLUENCES ON ADOLESCENTS' CRAVING FOR ALCOHOL IN THEIR NATURAL ENVIRONMENTS: AN ECOLOGICAL MOMENTARY ASSESSMENT STUDY** J. Ramirez & R. Miranda, Jr. Brown Univ., Ctr. for Alcohol and Addiction Studies Providence RI 02912
- 309-S-309 AUTONOMY FROM ALCOHOL USE AND CHANGES IN PEER DRINKING AS PROMOTIVE FACTORS AGAINST EARLY ADOLESCENT DRINKING** A. M. Grant, D. D. Dickens, K. L., Henry, M. D. Slater Colorado State Univ. Fort Collins CO 80523
- 310-S-310 THE ASSOCIATION BETWEEN DISCRIMINATION AND ALCOHOL DEPENDENCE AND EXTERNALIZING BEHAVIORS AMONG MINORITY TEENS: THE MEDIATING ROLE OF ALIENATION** J. N. Graziano, M. M. Hospital, A. Austin, S. L. Morris & E. F. Wagner Florida International Univ., Community-Based Intervention Res. Group, Miami FL 33199
- 311-S-311 ADOLESCENT PERSONALITY TRAITS AS PREDICTORS OF ALCOHOL USE SEVERITY.** J. Pollock, V. Magid, & J. Roitzsch Med. Univ. of South Carolina Charleston SC 20425
- 312-S-312 ASSOCIATIONS BETWEEN MENTAL HEALTH PREDICTORS, DRINKING MOTIVES, AND ALCOHOL USE SEVERITY IN ADOLESCENTS.** V. Magid, J. Pollock, S. Book, & J. Roitzsch Med. Univ. of South Carolina, Charleston, SC
- 313-S-313 ROLE OF PARENT AND CHILD PSYCHOPATHOLOGY IN SUICIDE ATTEMPTS AMONG CHILDREN OF ALCOHOLICS** KR Conner ab, RM Bossarteab, K Kaukeinena, XM Tua, RJ Houstonc, P Wymana, N Lua, G Chand, D Goldstone, KK Bucholzf, VM Hesselbrockd aUniv Rochester Med. Ctr., bVA VISN 2 Ctr. of Excellence for Suicide Prevention, cRes. Inst. on Addictions, dUniv Connecticut School of Med., eDuke Univ fWashington Univ
- 314-S-314 EFFECTS OF NALTREXONE ON ADOLESCENT DRINKING** R Miranda; L Ray; E Reynolds; P Monti; A Justus; J Tidey; C Gwaltney; R Swift; T Chun; A Blanchard Brown Univ., Ctr. for Alcohol and Addiction Studies Providence RI 02912
- 315-S-315 SOLITARY ALCOHOL AND DRUG USE AMONG ADOLESCENTS INVOLVED IN THE CHILD WELFARE SYSTEM.** S.M. Resko, N.S. Mendoza, and S. Mountain. Merrill Palmer Skillman Inst. & School of Social Work, Wayne State Univ. Detroit, MI 48202 Res. Inst. on Addictions, Univ at Buffalo, The State Univ of New York, Buffalo NY 14203
- 316-S-316 RESILIENCE IN CHILDREN OF ALCOHOLICS AND CONTROLS: INDIVIDUAL CHARACTERISTICS AND PARENT-CHILD INTERACTION** M.M. Wong¹; K. J. Brower²; L. Puttler³ & R.A. Zucker⁴. ¹Idaho State Univ., Dept. of Psychology, Pocatello, ID 83209 ^{2,3,4}Univ. of Michigan Addiction Res. Ctr. Ann Arbor MI 48108

c. Aging

- 317-S-317 PAIN AND ALCOHOL USE AMONG OLDER ADULTS: PROSPECTIVE EVIDENCE FROM THE HEALTH AND RETIREMENT STUDY.** P. L. Brennan; S.SooHoo Ctr. for Health Care Evaluation, VA Palo Alto Health Care System Menlo Park CA 94025
- 318-S-318 DIFFERENTIAL EFFECTS OF MODERATE ALCOHOL CONSUMPTION ON PERFORMANCE AMONG OLDER AND YOUNGER ADULTS** A. Sklar, R. Gilbertson, J. Boissoneault, R. Prather, and S.J. Nixon. Univ. of Florida, Dept. of Psychiatry Gainesville FL 32610
- 319-S-319 THE IMPACT OF RETIREMENT AND SOCIAL SUPPORT ON DRINKING AMONG MIDDLE-AGED AND OLDER ALCOHOLICS** A. Kuerbis; A.R. Krentzman; P. Sacco; and E.A.R. Robinson Columbia Univ. College of Physicians and Surgeons, New York, NY Univ. of Michigan Addiction Res. Ctr., Ann Arbor, MI Univ. of Maryland School of Social Work, Baltimore, MD
- 320-S-320 UNDERSTANDING AND RESPONDING TO ALCOHOL/SUBSTANCE ABUSE IN ELDERS BY ADULT PROTECTIVE SERVICES** B. Pohlman Prevention Res. Ctr., Berkeley CA and Univ. of California, Berkeley
- 321-S-321 AGE INDEPENDENT EFFECTS OF ACUTE MODERATE ALCOHOL CONSUMPTION ON EARLY INDICES OF ATTENTIONAL PROCESSING** Boissoneault, J., Sklar, A.L., Lincoln, L., Prather, R., and Nixon, S.J. Univ. of Florida, Dept. of Psychiatry Gainesville FL 32601
- 322-S-322 ALCOHOL REGULATES EXPRESSION OF GLIAL-DERIVED NEUROIMMUNE FACTORS IN AN AGE-DEPENDENT MANNER** C.J.M. Kane; K.D. Phelan; J.C. Douglas; G. Wagoner; J. Johnson; J. Xu; J.A. Chavis; P.S. Phelan; P.D. Drew Dept. of Neurobiology and Developmental Sciences, Univ. of Arkansas for Med. Sciences Little Rock AR 72205

2012 RSA SCHEDULE OF POSTERS

MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

1. GENETICS

(Poster Numbers 1-17 / Abstract Numbers 323-339)

a. Lab Animal - behavioral

- 001-M-323 IDENTIFYING GENES THAT INFLUENCE ACUTE ETHANOL RESPONSIVE BEHAVIORS IN CAENORHABDITIS ELEGANS** J.T. Alaimo; K.L. Shelton; A.G. Davies; J.C. Bettinger Virginia Commonwealth Univ. Richmond VA 23298
- 002-M-324 COMPARATIVE GENETICS OF THE TARGETS OF TWO CNS DEPRESSANTS: IDENTIFICATION OF ETHANOL- AND TOLUENE-RESISTANT C. ELEGANS MUTANTS.** A.G. Davies; R.I. Friedberg; V.E. Brings; H. Gupta; C.-L. Chan; K.L. Shelton; J.C. Bettinger. VCU-Alcohol Res. Ctr., Dept of Pharmacology & Toxicology, Virginia Commonwealth Univ. Richmond VA 23298
- 003-M-325 MEMBRANE LIPID ENVIRONMENT MODULATES THE DEVELOPMENT OF ACUTE FUNCTIONAL TOLERANCE TO ETHANOL IN CAENORHABDITIS ELEGANS.** J.C. Bettinger; K. Leung; M. H. Bolling; A.G. Davies VCU-Alcohol Res. Ctr., Virginia Commonwealth Univ., Richmond VA 23298
- 004-M-326 CHLORIDE INTRACELLULAR CHANNELS (CLICS) MODULATE ACUTE ETHANOL BEHAVIORS IN DROSOPHILA, C. ELEGANS AND MICE** P. Bhandari, J.S.Hill, S.P. Farris, B.Costin, I. Martin, C.-L. Chan, J.T. Alaimo, J.C. Bettinger, A.G. Davies, M.F. Miles, M. Grotewiel Virginia Commonwealth Univ. Alcohol Res. Ctr., Dept. of Human and Molecular Genetics, Dept. of Pharmacology and Toxicology, Virginia Commonwealth Univ., Richmond, VA
- 005-M-327 USING A MUTAGENIC AND TRANSGENIC SCREEN TO UNCOVER THE MOLECULAR BASIS FOR THE ACTION OF ETHANOL ON THE BK CHANNEL** S.D. Davis; L.A. Becker; S.S. Song; J.T. Pierce-Shimomura Univ. of Texas at Austin, Waggoner Ctr. for alcohol and addiction Res. Austin TX 78712
- 006-M-328 ETHANOL-INDUCED BEHAVIORAL DISINHIBITION.** K.-A. Han; P. Villarreal; P. Sabandal; Y.-C. Kim; J. Lim. Univ. of Texas at El Paso, Dept. of Biological Sciences, BBRC Neuroscience and Metabolic Disorders Project, TX 79968
- 007-M-329 CREBA AND THE ACQUISITION OF TOLERANCE TO ALCOHOL IN DROSOPHILA** B.R. Troutwine; N.S. Atkinson Univ. of Texas Austin TX 78712
- 008-M-330 PASSIVE ETHANOL EXPOSURE INCREASES INTRAGASTRIC ALCOHOL CONSUMPTION (IGAC) IN WSP-1 AND WSR-1 MICE.** TL Fidler; JA Mulgrew; L Helpenstell; CL Cunningham. Behavioral Neuroscience, Oregon Health & Science Univ. Portland OR 97239
- 009-M-331 GENE-EARLY ENVIRONMENT INTERACTIONS DETERMINE ALCOHOL REWARD IN ADULT MICE.** J.C. Campbell, K. Ploense, D. Maliniak, A.E. Carr, B.C. Holbert, T.E. Kippin Dept of Psychological and Brain Sciences & Neuroscience Res. Inst., Univ. of California Santa Barbara
- 010-M-332 DETERMINING THE HERITABILITY OF LOCOMOTOR SENSITIZATION TO ETHANOL AND ITS RELATIONSHIP TO ETHANOL'S POSITIVE MOTIVATIONAL EFFECTS IN MICE** D. N. Linsenbardt; A. S. Vore; S. L. Boehm II. Psychobiology of Addictions, Dept. of Psychology and Indiana Alcohol Res. Ctr., Indiana Univ-Purdue Univ. Indianapolis Indianapolis IN 46202
- 011-M-333 BI-DIRECTIONAL SELECTIVE BREEDING FOR SEVERE ETHANOL WITHDRAWAL COUPLED WITH LOW ETHANOL DRINKING VERSUS MILD WITHDRAWAL COUPLED WITH HIGH DRINKING** P. Metten, J.C. Crabbe, J.K. Belknap, T.J. Phillips, K.J. Buck, R.J. Hitzemann. Portland Alcohol Res. Ctr., Dept. of Behavioral Neuroscience, Oregon Health & Science Univ. and Dept. of Veterans Affairs Med. Ctr. Portland OR 97239
- 012-M-334 VOLUNTARY ETHANOL CONSUMPTION IN THREE PEROMYSCUS SPECIES THAT DIFFER IN SOCIAL STRUCTURE.** A. Perkins; S. J. Kelly. Dept. of Psychology, Univ. of South Carolina Columbia SC 29208
- 013-M-335 SELECTIVE BREEDING FOR ETHANOL RESPONSE ALTERS CIRCADIAN PHENOTYPE** W.D. McCulley III; S. Ascheid; J.C. Crabbe; A.M. Rosenwasser Univ. of Maine Orono ME 04468
- 014-M-336 VOLUNTARY EXERCISE IN ADOLESCENCE OR ADULTHOOD IN ALCOHOL-PREFERRING (P) AND HIGH-ALCOHOL DRINKING (HAD-1) RATS, AND EFFECT ON LATER ALCOHOL INTAKE.** J.E. Toalston, J.L. Leasure, S.R. Hauser, Z.A. Rodd, A.A. Lewin, W.J. McBride, R.L. Bell. Dept Psych, Biochem, Indiana Univ Sch Med, IUPUI, Indianapolis, IN 46202, and Dept Devel Psychol, U Texas Austin Austin TX 77004
- 015-M-337 UNCOVERING GENETIC DETERMINANTS OF ALCOHOL PREFERENCE IN THE SELECTIVELY BRED ALCOHOL-PREFERRING AND NON-PREFERRING RATS** Z. Zhou; M. Kimura; Q. Yuan; T. Liang; H. Edenberg; D. Goldman Lab. of Neurogenetics, NIAAA, NIH Rockville MD 20852
- 016-M-338 ENT1 REGULATES ETHANOL DRINKING AND GOAL-ORIENTED BEHAVIOR THROUGH A2A RECEPTOR SIGNALING IN THE DORSOMEDIAL STRIATUM** H.W. Nam; D.J. Hinton; N. Y. Kang; C.L. Ruby; S.Y. Chang; D.S. Choi. Mayo Clinic College of Med. Rochester MN 55905
- 017-M-339 INTERMITTENT (EVERY-OTHER-DAY) ACCESS TO BEER PROMOTES GREATER BEER DRINKING AND PREFERENCE IN ADOLESCENT RELATIVE TO ADULT C57BL/6J MICE** R.I. Melendez Univ. of Puerto Rico, School of Med., Dept. of Anatomy and Neurobiology San Juan PR 936

2012 RSA SCHEDULE OF POSTERS

MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

2. PHARMACOLOGY C.N.S.

(Poster Numbers 18-49 / Abstract Numbers 340-371)

a. Neurotransmitters (more on Tuesday)

- 018-M-340 CHRONIC ALCOHOL DRINKING REDUCES GLUTAMATE CLEARANCE AND ENHANCES BASAL EXTRACELLULAR GLUTAMATE LEVELS WITHIN THE MESOLIMBIC SYSTEM** Z.-M. Ding, Z. A. Rodd, E. A. Engleman, J. A. Bailey, D. K. Lahiri, W. J. McBride Inst. of Psychiatric Res., Dept. of Psychiatry, Indiana Univ. School of Med. Indianapolis IN 46202
- 019-M-341 GORDIS AWARD FINALIST - THE UNIQUE ACTION OF ETOH AND NICOTINE ON GLUTAMATE IN THE MEDIAL PREFRONTAL CORTEX: A POSSIBLE MECHANISM UNDERLYING THE CO-ABUSE OF ETOH AND NICOTINE** G.A. Deehan Jr.; S. R. Hauser; Z-M. Ding; E.A. Engleman; W.J. McBride; Z.A. Rodd. Indiana Univ. School of Med., Dept. of Psychiatry Indianapolis IN 46202
- 020-M-342 ADOLESCENT ETHANOL EXPOSURE REDUCES ADULTHOOD COMT LEVELS IN THE MEDIAL PREFRONTAL CORTEX** S. W. Centanni, P. J. Mulholland, H. Trantham-Davidson, L. J. Chandler Dept. of Neurosciences, Med. Univ. of South Carolina, Charleston, SC
- 021-M-343 AC/CAMP/PKA PATHWAY IN MOUSE CEREBELLAR CORTEX MEDIATES HETEROLOGOUS CROSS-TOLERANCE BETWEEN $\Delta 9$ -TETRAHYDROCANNABINOL ($\Delta 9$ -THC) AND ETHANOL.** M.S.Dar Dept. of Pharmacology and Toxicology, Brody School of Med. at East Carolina Univ. Greenville NC 27834
- 022-M-344 MICROINJECTIONS OF SULPIRIDE INTO THE MEDIAL PREFRONTAL CORTEX REDUCES ETHANOL DRINKING IN ALCOHOL-PREFERRING (P) RATS** E.A. Engleman; C.M. Ingraham; W.J. McBride; J.M. Murphy Dept Psychiatry, Inst. of Psychiatric Res., Indiana Univ. School of Med. Indianapolis IN 46202
- 023-M-345 NMDA RECEPTOR SUBUNIT COMPOSITION AND FUNCTION ARE ALTERED IN THE DENTATE GYRUS OF ADULT MICE THAT WERE EXPOSED TO ALCOHOL THROUGHOUT GESTATION** KK Caldwell, ML Brady, MT Labrecque, AM Allan, CF Valenzuela Dept. of Neurosciences, School of Med., Univ. of New Mexico Albuquerque NM 87131
- 024-M-346 MODULATION OF OPERANT SELF-ADMINISTRATION OF ETHANOL BY MU AND DELTA OPIOID RECEPTORS IN TWO-WEEK OLD RATS** R.S. Miranda Morales; N.E. Spear; P. Abate. Ctr. for Developmental and Behavioral Neuroscience, Binghamton Univ., Binghamton NY 13902
- 025-M-347 INTERACTIONS BETWEEN PKC EPSILON AND PI3K WITHIN THE CENTRAL NUCLEUS OF THE AMYGALA REGULATE BINGE ALCOHOL DRINKING.** J.A. Courson (1); D.K. Cozzoli (2); D. Maliniak (1); D.I. Greentree (1); D.A. Finn (2); R.O. Messing (3); K.K. Szumlinski (1) 1Dept Psych & Brain Sci, UCSB, Santa Barbara, CA, 93106, 2 Dept Veterans Affairs Med Res & Dept Behav Neurosci, OHSU, Portland, OR, 97239, 3 EGCR, Dept Neurology, UCSF, Emeryville CA 94688
- 026-M-348 INCREASED ALCOHOL SELF-ADMINISTRATION FOLLOWING POSITIVE MODULATION OF AMPA RECEPTORS IN THE AMYGDALA.** R. Cannady; K. Fisher; B. Durant; J. Besheer; C.W. Hodge Bowles Ctr. for Alcohol Studies, Univ. of North Carolina at Chapel Hill Chapel Hill NC 27599
- 027-M-349 TOLERANCE TO ETHANOL'S AVERSIVE EFFECTS IN ETHANOL DEPENDENCE: THE ROLE OF NMDA RECEPTOR SIGNALING IN THE BASOLATERAL AMYGDALA** WC Griffin III, HL Haun, CL Hazelbaker, LL Snyder, MF Lopez, HC Becker Charleston Alcohol Res. Ctr., Med. Univ. of South Carolina and VAMC Charleston SC 29425
- 028-M-350 ROLE OF GLUTAMATERGIC NEUROTRANSMISSION IN THE NUCLEUS ACCUMBENS IN ETHANOL DRINKING IN ETHANOL DEPENDENT AND NON-DEPENDENT MICE** WC Griffin III; CL Hazelbaker; HL Haun; LL Snyder; V Ramachandra; HC Becker Charleston Alcohol Res. Ctr., Med. Univ. of South Carolina and VAMC Charleston SC 29425
- 029-M-351 GLUTAMATE NMDAR EXCITABILITY AND AGGRESSION DURING WITHDRAWAL FROM ESCALATED ETHANOL CONSUMPTION IN OUTBRED AND C57BL/6J MICE.** A.J. Nathanson; K.G. Dodman; L.S. Hwa; E. Newman; J.F. DeBold; K.A. Miczek. Tufts Univ., School of Arts and Sciences Medford MA 02155
- 030-M-352 UNCOMPETITIVE NMDA RECEPTOR ANTAGONISM AND ESCALATED AGGRESSIVE BEHAVIOR IN ALCOHOL-DRINKING MICE.** E.L. Newman¹, A. Chu¹, B. Bahamon¹, A. Takahashi², J.F. DeBold¹, K.A. Miczek^{1,3}. Tufts Univ. School of Arts and Sciences, Medford, MA 02144¹, National Inst. of Genetics, Michima City, Japan², Tufts Univ. Sackler School of Graduate Biomedical Sciences Boston MA 21113
- 031-M-353 GLUTAMATE TRANSPORTER EXPRESSION IN NUCLEUS ACCUMBENS AND DORSAL STRIATUM AFTER CHRONIC INTERMITTENT ETHANOL EXPOSURE** V. Ramachandra, W.C. Griffin III, P.J. Mulholland, C.L. Hazelbaker, H.L. Haun, L.L. Snyder, L.J. Chandler, H.C. Becker. Charleston Alcohol Res. Ctr., Med. Univ. of South Carolina & VAMC Charleston SC 29425
- 032-M-354 ACTIVATION OF GLUTAMATE TRANSPORTER 1 IN CENTRAL REWARD BRAIN REGIONS RESULTS IN REDUCTION OF ETHANOL INTAKE IN ALCOHOL-PREFERRING RATS** S. N. Sreemantula, Y. Sari* Univ. of Toledo, College of Pharmacy and Pharmaceutical Sciences, Dept. of Pharmacology Toledo OH 43614
- 033-M-355 TRANSMEMBRANE SITES OF ALCOHOL ACTION IN GLYCINE RECEPTORS.** M.L. McCracken; J.R. Trudell; R.A. Harris Waggoner Ctr. for Alcohol and Addiction Res., The Univ. of Texas at Austin Austin TX 78712
- 034-M-356 MUTATION OF A ZINC BINDING SITE (D80) ON THE $\alpha 1$ GLYCINE RECEPTOR CHANGES ETHANOL SENSITIVITY IN VITRO AND ALCOHOL CONSUMPTION AND PREFERENCE IN VIVO** L.M. McCracken, Y.A. Blednov, J.M. Benavidez, H. Betz, R.A. Harris The Waggoner Ctr. for Alcohol and Addiction Res. Austin TX 78712
- 035-M-357 POSITIVE ALLOSTERIC MODULATORS DIFFERENTIALLY AFFECT FULL VS. PARTIAL AGONIST ACTIVATION OF THE GLYCINE RECEPTOR.** D. Kirson; J. Todorovic; S.J. Mihic Univ. of Texas at Austin, Waggoner Ctr. for Alcohol and Addiction Res. Austin TX 78712

2012 RSA SCHEDULE OF POSTERS

MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

2. PHARMACOLOGY C.N.S. - Cont'd (Poster Numbers 18-49 / Abstract Numbers 340-371)

b. Medications Development (more on Tuesday)

- 036-M-358** **MANIPULATION OF PHARMACOLOGICALLY RELEVANT FREE-CHOICE DRINKING IN HAP1 MICE USING THE TRIPLE MONOAMINE RE-UPTAKE INHIBITOR AMITIFADINE (DOV 21,947)** L. Matson, M. Halcomb, H., June, N. Grahame Dept. of Psychology, Indiana Univ. Purdue Univ. Indianapolis Indianapolis IN 46202
- 037-M-359** **TRIPLE REUPTAKE INHIBITORS REDUCE IMPULSIVITY IN HIGH ALCOHOL PREFERRING MICE AS MEASURED BY THE DELAY DISCOUNTING TASK.** D O'Tousa, E. Huffman, B. Todd, C. Laphish, H. June, and N. Grahame Dept. of Psychology, IUPUI Indianapolis IN 46202
- 038-M-360** **A NOVEL SEROTONIN 5HT2C AGONIST/5HT2A-2B ANTAGONIST SELECTIVELY DECREASES ETHANOL SELF ADMINISTRATION AND INHIBITS THE ALCOHOL DEPRIVATION EFFECT** J. Kasper; K. MacFadyen; R. Tikamdas; M.S. Kim; C.E. Canal, R. Booth; J. Peris. Univ. of Florida, College of Pharmacy Gainesville FL 32610
- 039-M-361** **THE DOPAMINE STABILIZER (-)-OSU6162 ATTENUATES VOLUNTARY ETHANOL INTAKE AND ETHANOL-INDUCED DOPAMINE OUTPUT IN THE NUCLEUS ACCUMBENS** P. Steensland; I. Fredriksson; S. Holst; K. Feltmann; J. Franck; B. Schilstrom and A. Carlsson Dept. of Clinical Neuroscience, Karolinska Inst., SE-17176 Stockholm, Sweden
- 040-M-362** **BIASED AGONISTS OF DELTA OPIOID RECEPTORS FOR THE TREATMENT OF ALCOHOLISM AND ANXIETY DISORDERS.** R. M. van Rijn, J. DeFriel, J. L. Whistler. Ernest Gallo Clinic and Res. Ctr., Dept. of Neurology, Univ. of California San Francisco, Emeryville
- 041-M-363** **STRESS AND CRAVING: PREDICTING ALCOHOL TREATMENT OUTCOMES USING A HUMAN LABORATORY PARADIGM OF INTERPERSONAL STRESS INDUCTION** A.E. Higley; V. Goodell; S. Quello; B.J. Mason The Scripps Res. Inst.
- 042-M-364** **ASSESSMENT OF PREGNENOLONE EFFECTS ON ALCOHOL INTAKE IN MALE ALCOHOL PREFERRING RATS.** Amir H. Rezvani, H. G. Sexton, E.D. Levin. Dept. of Psychiatry and Behavioral Sciences, Duke Univ. Durham NC 27710
- 043-M-365** **THE CRF-R1 ANTAGONIST, CP376395, DECREASES 20% ETHANOL CONSUMPTION IN LONG-EVANS RATS TRAINED TO DRINK ON AN INTERMITTENT, BUT NOT CONTINUOUS, SCHEDULE** J.A. Simms, C. K. Nielsen, R. Li, and S. E. Bartlett Ernest Gallo Clinic and Res. Ctr., Dept. of Neurology, Univ. of California San Francisco, Emeryville CA 94608
- 044-M-366** **LEVETIRACETAM AND INTERMITTENT ALCOHOL DRINKING IN C57BL/6J MICE** EW Fish, AE Agoglia, RG Muller, MC Krouse, JE Robinson, and CJ Malanga Bowles Ctr. for Alcohol Studies and Dept. of Neurology, Univ. of North Carolina at Chapel Hill Chapel Hill NC 27599
- 045-M-367** **EFFECTS OF NALTREXONE ON ETHANOL DRINKING FOLLOWING CHRONIC INTERMITTENT ETHANOL EXPOSURE** L.N. Cates, T. Nadav, C.C. Cates-Gatto, L.M. Casal, A.J. Roberts The Scripps Res. Inst., La Jolla, CA
- 046-M-368** **AN EFFICIENT CHEMICAL SYNTHESIS OF NEUROKININ-1 (NK1) ANTAGONIST L822429, A USEFUL TOOL FOR PHARMACOLOGICAL STUDIES IN RODENT MODELS** K. Cheng, J. Schank, M. Heilig, K. Rice Chemical Biology Res. Branch, National Inst. on Drug Abuse and the National Inst. on Alcohol Abuse and Alcoholism, NIH, Bethesda MD 20892
- 047-M-369** **THE ROLE OF MICRORNA-9 AND MICRORNA-206 IN THE MEDIAL PREFRONTAL CORTEX OF ALCOHOL DEPENDENT RATS.** J.D. Tapocik, M. Flanigan, M. Solomon, E. Barbier, M. Heilig 1Laboratory of Clinical and Translational Studies, NIAAA, NIH, Bethesda, MD 20892, 2Laboratory of Neurogenetics, NIAAA Rockville MD 20852
- 048-M-370** **EFFECTS OF LEVETIRACETAM ON ALCOHOL- AND COCAINE-RELATED BEHAVIORS IN C57BL/6J MICE** J.E. Robinson; A.M. Stamatakis; E.C. Howard; E.W. Fish; M.C. Krouse; S. Faccidomo; C.W. Hodge; C.J. Malanga. The Bowles Ctr. for Alcohol Studies, The Univ. of North Carolina School of Med. Chapel Hill NC 27514
- 049-M-371** **GANAXOLONE AND THIP ALTER LIMITED-ACCESS ETHANOL INTAKE IN MICE** M.J. Ramaker, M.N. Strong, M.M. Ford, C. Snelling, D.A. Finn VA Med. Res. and Dept. of Behavioral Neuroscience, Oregon Health & Science Univ. Portland OR 97239

3. PHYSIOLOGY C.N.S.

(Poster Numbers 50-66 / Abstract Numbers 372-388)

a. Electrophysiology (more on Tuesday)

- 050-M-372** **STRESS AND ALCOHOL INDUCED PLASTICITY OF OPIOID SIGNALING IN THE EXTENDED AMYGDALA** N. Capik, A. Lopez, C. Marcinkiewicz, K. Pleil and T. Kash Bowles Ctr. for Alcohol Studies, The Univ. of North Carolina, NC
- 051-M-373** **MECHANISMS OF CORTICOTROPHIN RELEASING FACTOR NEURON REGULATION IN THE EXTENDED AMYGDALA: POTENTIAL IMPORTANCE FOR RELAPSE** Y. Silberman; R. T. Matthews; D. G. Winder. Dept. of Molecular Physiology and Biophysics, Vanderbilt Univ. Sch. of Med. Nashville TN 37232
- 052-M-374** **ADENOSINE SIGNALING MODULATES EXCITABILITY IN THE AMYGDALA AND IS ALTERED IN A RODENT MODEL OF EARLY LIFE STRESS THAT INCREASES ETHANOL DRINKING** A.R. Rau; O.J. Ariwodola; E. Carter, A.M. Chappell, J.L. Weiner Dept. of Physiology and Pharmacology, Program in Neuroscience, Translational Ctr. for the Neurobehavioral Study of Alcohol, Wake Forest Univ. School of Med. Winston Salem NC 27157

2012 RSA SCHEDULE OF POSTERS

MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

3. PHYSIOLOGY C.N.S. - Cont'd (Poster Numbers 50-66 / Abstract Numbers 372-388)

a. Electrophysiology - cont'd (more on Tuesday)

- 053-M-375 INTERACTIONS OF STRESS WITH CHRONIC ETHANOL TREATMENT ON ETHANOL INTAKE AND BNST PLASTICITY** T.A. Wills, K.M. Louderback, and D.G. Winder Dept of Molecular Physiology & Biophysics, Vanderbilt Univ. Nashville TN 37232
- 054-M-376 DELTA OPIOID RECEPTOR SIGNALING IN THE VENTRAL TEGMENTAL AREA IN ETHANOL CONSUMING AND STRESSED RATS.** E.B. Margolis Ernest Gallo Clinic & Res. Ctr., Emeryville, CA 94608, Dept. of Neurology, Wheeler Ctr. for the Neurobiology of Addiction, Univ. of California San Francisco CA 94143
- 055-M-377 SEX AND AGE OF CHRONIC ETHANOL DRINKING AFFECTS ETHANOL INTAKE AND SYNAPTIC TRANSMISSION ONTO MEDIUM SPINY NEURONS IN THE STRIATUM OF THE RHESUS MONKEY.** V. C. Cuzon Carlson¹, K. A. Grant², and D. M. Lovinger¹ ¹Lab. for Integrative Neuroscience, National Inst. on Alcohol Abuse and Alcoholism, ²Dept. of Behavioral Neuroscience, Oregon National Primate Res. Ctr., OHSU
- 056-M-378 IN THE RAT, CHRONIC INTERMITTENT ETHANOL EXPOSURE DURING ADOLESCENCE, BUT NOT LATER, ALTERS THE ETHANOL SENSITIVITY OF TONIC INHIBITION IN ADULTHOOD.** R.L. Fleming; S.K. Acheson; M.L. Risher; Q. Li; W.A. Wilson; S.D. Moore; H. S. Swartzwelder Durham Veterans Affairs Med. Ctr., Durham, NC 27705, Duke Univ. Med. Ctr., Durham, NC 27705, Duke Univ. Durham NC 27705
- 057-M-379 DIFFERENTIAL GLUTAMATERGIC METAPLASTICITY IN D1 AND D2 MEDIUM SPINY NEURONS OF THE NUCLEUS ACCUMBENS FOLLOWING CHRONIC INTERMITTENT ETHANOL EXPOSURE** R.A. Morrisett Univ Texas-Austin
- 058-M-380 ENHANCED CCL2 EXPRESSION PROTECTS HIPPOCAMPAL FUNCTION FROM THE EFFECTS OF CHRONIC ETHANOL EXPOSURE.** J.G. Bray; A.J. Roberts; R.M. Ransohoff; D.L. Gruol. The Scripps Res. Inst., Molecular and Integrated Neurosciences Dept. (MIND) La Jolla CA 92037
- 059-M-381 CHRONIC ETOH TREATMENT PRODUCES LAMINAR- & SYNAPSE-SPECIFIC ALTERATIONS IN THE MODULATION OF PREFRONTAL CORTICAL NEUROTRANSMISSION BY THE CB1 RECEPTOR** M.J. Pava, J.J. Woodward Dept. of Neurosciences and Charleston Alcohol Res. Ctr., Med. Univ. of South Carolina, Charleston, SC
- 060-M-382 ALCOHOL INDUCED SLEEP IMPAIRMENTS FOLLOWING WITHDRAWAL FROM CHRONIC INTERMITTANT ETHANOL VAPOR INHALATION** W.B. Glen Jr.; C.A. Blanco-Centurion; J.T. Gass; P.J. Shiromani, L.J. Chandler Med. Univ. of South Carolina and RHJVAMC Charleston SC 29425
- 061-M-383 THE EFFECT OF ACUTE ALCOHOL CONSUMPTION ON EVOKED DELTA FREQUENCY ELECTROENCEPHALOGRAPHIC RESPONSES (K-COMPLEX) DURING SLEEP.** C.L. Nicholas, K.J.Q.Koh, M.A. Alexander, M.G. Cavuoto, J.K.M. Chan, J. Trinder, I.M. Colrain. The Univ. of Melbourne, Parkville, Vic 3010, Australia SRI International Menlo Park CA 94025
- 062-M-384 PRENATAL ETHANOL EXPOSURE INCREASES GLUR2-LACKING AMPA RECEPTORS AT THE EXCITATORY SYNAPSES OF DOPAMINE NEURONS IN THE VENTRAL TEGMENTAL AREA.** KA Hausknecht, S Haj-Dahmane, A Hilburger, M Paredez, YL Shen, RY Shen Res. Inst. on Addictions, Univ. at Buffalo Buffalo NY 14203
- 063-M-385 PRENATAL ALCOHOL EXPOSURE ENHANCES L- AND R-TYPE CALCIUM CHANNEL CURRENTS IN NEONATAL INFERIOR COLLICULUS NEURONS.** P. N'Gouemo, D. M. Lovinger. Lab. for Integrative Neuroscience, National Inst. on Alcohol Abuse and Alcoholism Rockville MD 20852
- 064-M-386 PRENATAL ETHANOL PERSISTENTLY DOWN-REGULATES ENDOCANNABINOID SIGNALING AT GLUTAMATE SYNAPSES OF VENTRAL TEGMENTAL AREA DOPAMINE NEURONS.** RY Shen, KA Hausknecht, A Hilburger, M Paredez, YL Shen, S Haj-Dahmane Res. Inst. on Addictions, Univ. at Buffalo Buffalo NY 14203
- 065-M-387 PRENATAL ETHANOL EXPOSURE DISRUPTS ENDOCANNABINOID MODULATION OF DORSAL STRIATAL CIRCUITS GOVERNING HABIT FORMATION.** C. Gremel, V. Cuzon Carlson & D. Lovinger Lab. for Integrative Neuroscience, NIAAA, NIH Bethesda MD 20892
- 066-M-388 GORDIS AWARD FINALIST - DORSOMEDIAL AND DORSOLATERAL STRIATUM SHOW DISTINCT PHASIC NEURONAL ACTIVITY DURING ALCOHOL SELF-ADMINISTRATION IN RATS.** R.R. Fanelli; R.M. Reese; D.L. Robinson. Bowles Ctr. for Alcohol Studies, Univ. of North Carolina Chapel Hill NC 27599

4. ANIMAL BEHAVIOR

(Poster Numbers 67-100 / Abstract Numbers 389-422)

a. Consumption / Self-Administration (more on Sunday)

- 067-M-389 A DEPRIVATION-LIKE EFFECT ON BOUTS IN EARLY ETHANOL DRINKING IN ALCOHOL PREFERRING (P) VS. WISTAR AND SPRAGUE DAWLEY RATS.** A.V. Azarov and D.J. Woodward. Neuroscience Res. Inst. of NC Winston-Salem NC 27101
- 068-M-390 ALCOHOL DRINKING IN SOCIALLY MONOGAMOUS PRAIRIE VOLES (MICROTUS OCHROGASTER) AND NON-MONOGAMOUS MEADOW VOLES (MICROTUS PENNSYLVANICUS)** A.M.J. Anacker; T.H. Ahern; L.J. Young; A.E. Ryabinin Oregon Health & Science Univ., Portland, OR 97239, Yerkes National Primate Res. Ctr., Emory Univ. Atlanta GA 30329
- 069-M-391 MODELING ALCOHOL RELAPSE IN THE MONOGAMOUS PRAIRIE VOLE (MICROTUS OCHROGASTER).** C. M. Hostetler & A. E. Ryabinin. Dept. of Behavioral Neuroscience, Oregon Health and Science Univ., Portland OR 97239

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MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

4. ANIMAL BEHAVIOR - Cont'd (Poster Numbers 67-100 / Abstract Numbers 389-422)

a. Consumption / Self-Administration - cont'd (more on Sunday)

- 070-M-392 SOURCE (VENDOR) OF WISTAR RATS IS AN IMPORTANT VARIABLE IN THE INTERMITTENT ACCESS TO ALCOHOL (IAA) MODEL OF INCREASED VOLUNTARY ALCOHOL DRINKING.** C.L. Kincaid, D.D. Rasmussen VISN 20 Mental Illness Res., Education and Clinical Ctr. (MIRECC), VA Puget Sound Health Care System and Dept. of Psychiatry, Univ. of Washington Seattle WA 98108
- 071-M-393 INTERMITTENT ACCESS TO ALCOHOL RESULTS IN VOLUNTARY, DEPENDENCE-LIKE DRINKING IN MICE AND RATS: ROLE OF GLUTAMATE AND CRF** K. A. Miczek, L. S. Hwa, A. Nathanson and J. F. DeBold Tufts Univ., Medford and Boston, MA
- 072-M-394 BEHAVIORAL PROFILING FOR VOLUNTARY ETHANOL INTAKE AND ETHANOL SEEKING IN MALE OUTBREED RATS** S. Holst; I. Fredriksson; P Steensland Karolinska Inst., Dept Clinical Neuroscience, Stockholm, Sweden
- 073-M-395 INTERMITTENT ETHANOL ACCESS INCREASES ETHANOL INTAKE IN DIVERSE MOUSE GENOTYPES** M.C. Fixaris; P.Brooks; S. Ascheid; T.R. Pelletier; J.C. Crabbe; A.M. Rosenwasser Dept. of Psychology and Graduate School of Biomedical Sciences, Univ. of Maine Orono ME 04469
- 074-M-396 HABIT FORMATION ACROSS MULTIPLE REINFORCERS IN A FIXED-RATIO SCHEDULE ANIMAL MODEL** J.E. Shillinglaw, I.K. Everitt, J.H. Jennings, M.M. Williams, D.L. Robinson Bowles Ctr. for Alcohol Studies and Dept. of Psychiatry, Univ. of North Carolina Chapel Hill NC 27599
- 075-M-397 TOLERANCE IS PROPORTIONAL TO THE LEVEL OF ALCOHOL DRINKING IN CROSSED HIGH ALCOHOL PREFERRING MICE FOLLOWING 3, BUT NOT 5 WEEKS OF FREE CHOICE DRINKING** D. O'Tousa, A. Buckingham, L. Matson, E. Huffman, and N. Grahame Dept. of Psychology, IUPUI Indianapolis IN 46202
- 076-M-398 ETHANOL PRE-EXPOSURE ALTERS ETHANOL PREFERENCE AND AVOIDANCE IN CAENORHABDITIS ELEGANS.** H. N. Musselman; B.S. Neal-Beliveau; E.A. Engleman. Indiana Univ. Purdue Univ. Indianapolis Indianapolis IN 46202
- 077-M-399 SIMULTANEOUS ANALYSIS OF APPETITIVE AND CONSUMATORY SELF-ADMINISTRATION BEHAVIORS IN RATS FOLLOWING PHYSICAL DEPENDENCE TO ETHANOL** S.L. Robinson; A.M. Chappell; B.A. McCool Dept of Physiology and Pharmacology and the Neuroscience Training Prog., Wake Forest School of Med. Winston-Salem NC 27157
- 078-M-400 REVISITING INTRAVENOUS ETHANOL SELF ADMINISTRATION IN THE P RAT USING A MULTIPLE SCHEDULE OF REINFORCEMENT.** KA Windisch; AEK Kosobud; CL Czachowski. Indiana Univ. Purdue Univ. Indianapolis (IUPUI) Indianapolis IN 46202
- 079-M-401 DEPENDENCE INDUCED ENHANCEMENT OF INTRAGASTRIC ALCOHOL CONSUMPTION (IGAC) PERSISTS OVER A 2-WEEK ABSTINENCE** TL Fidler; KV Murphy; L Helpenstell; JA Mulgrew; CL Cunningham Oregon Health & Science Univ. Portland OR 97239
- 080-M-402 ASSESSMENT OF PHENOTYPES CHARACTERISTIC OF MODELS OF DEPENDENCE IN C57BL/6J MICE WITH A PRIOR HISTORY OF BINGE-LIKE ETHANOL DRINKING** B.R. Cox; T.E. Thiele Univ. of North Carolina, Dept. of Psychology Chapel Hill NC 27599
- 081-M-403 ACOUSTIC STARTLE AMPLITUDE PREDICTS VOLUNTARY ALCOHOL INTAKE DURING SUBSEQUENT INTERMITTENT ACCESS TO ALCOHOL (IAA).** D.D. Rasmussen; C.L. Kincaid. VISN 20 Mental Illness Res., Education and Clinical Ctr. (MIRECC), VA Puget Sound Health Care System and Dept. of Psychiatry, Univ. of Washington Seattle WA 98108

b. Stress / Anxiety

- 082-M-404 EFFECTS OF 7-NITROINDAZOLE IN BEHAVIORAL SENSITIZATION BETWEEN STRESS AND ETHANOL IN MICE.** J.B.S. Rocha; J.P. Zúñiga; R. Camarini Univ. of Sao Paulo, Dept. of Pharmacology, Dept. of Physiology and Biophysics, Inst. of Biomedical Sciences, Sao Paulo Brasil 66208
- 083-M-405 THE IL-1 RECEPTOR MAY INFLUENCE ALCOHOL CONSUMPTION AND STRESS INDUCED DRINKING IN C57 MICE.** C. Karlsson; J. Schank; E. Barbier; J. Tapocik; A. Thorsell; M. Heilig. Lab. of Clinical and Translational Studies, National Inst. of Alcohol Abuse and Alcoholism (NIAAA), National Insts. of Health (NIH), Bethesda MD 20892
- 084-M-406 SEX DIFFERENCES IN THE EFFECT OF BINGE DRINKING HISTORY ON ALCOHOL PREFERENCE AND ANXIETY-LIKE BEHAVIOR IN C57BL/6J MICE** L C Melon, R MStahl, S L. Boehm, II Indiana Alcohol Res. Ctr.; Dept. of Psychology, Indiana Univ./Purdue Univ.-Indianapolis, Indianapolis IN 46202
- 085-M-407 INCREASED SELF-ADMINISTRATION OF ETOH IN MICE IN RESPONSE TO IMPEDENCE OF A RUNNING WHEEL: MODULATION BY SEX AND B-ENDORPHIN.** JE Grisel; L Bowser; C Piza-Palma. Furman Univ. Greenville SC 29613
- 086-M-408 PRAZOSIN, AN α_1 -ADRENERGIC RECEPTOR ANTAGONIST, BLOCKS THE EFFECT OF STRESS ON ANXIETY BEHAVIOR DURING SUBSEQUENT ALCOHOL WITHDRAWAL.** D.D. Rasmussen; C.L. Kincaid; J.C. Froehlich. VISN 20 Mental Illness Res., Education and Clinical Ctr. (MIRECC), VA Puget Sound Health Care System and Dept. of Psychiatry, Univ. of Washington Seattle WA 98108
- 087-M-409 ELEVATED EXPRESSION OF NEURONAL PENTRAXINS IN THE MEDIAL AMYGDALA DURING ETHANOL ABSTINENCE IN DEPENDENT AND STRESS-EXPERIENCED RATS** ML Logrip; EP Zorrilla The Scripps Res. Inst., Committee on the Neurobiology of Addictive Disorders La Jolla CA 92037

2012 RSA SCHEDULE OF POSTERS

MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

4. ANIMAL BEHAVIOR - Cont'd (Poster Numbers 67-100 / Abstract Numbers 389-422)

b. Stress / Anxiety - cont'd

- 088-M-410** **ROLE OF SEROTONIN 2C RECEPTOR SIGNALING IN THE BNST IN ETHANOL-INDUCED ANXIETY-LIKE BEHAVIOR** C.A. Marcinkiewicz; J.H. Jennings; N.M. McCall; S. Moy, T.L. Kash Univ. of North Carolina at Chapel Hill, Bowles Ctr. for Alcohol Studies Chapel Hill NC 27599
- 089-M-411** **ACUTE STRESS DECREASES IMPULSIVITY IN HIGHLY IMPULSIVE RATS** A.L. Schwager; A.K. Haack; S.A. Taha Univ. of Utah Salt Lake City UT 84108
- 090-M-412** **ANXIETY-LIKE BEHAVIOR IN A HIGH DRINKING IN THE DARK SELECTED MOUSE LINE** A.M. Barkley-Levenson; J.C. Crabbe Dept. of Behavioral Neuroscience, Oregon Health & Science Univ., Portland Alcohol Res. Ctr., and VA Med. Ctr. Portland OR 97239
- 091-M-413** **ADOLESCENT INTERMITTENT ETHANOL EXPOSURE INCREASES SOCIAL ANXIETY AND RETAINS ADOLESCENT-TYPICAL SENSITIVITY TO ACUTE ETHANOL IN MALE RATS.** E.M. Truxell; E.I. Varlinskaya; L.P. Spear. Dept. of Psychology, Ctr. for Development and Behavioral Neuroscience, Binghamton Univ., and Developmental Exposure Alcohol Res. Ctr. Binghamton NY 13902
- 092-M-414** **ASSESSMENT OF ANXIOLYTIC AND MOTOR STIMULANT EFFECTS OF ETHANOL IN ADOLESCENT AND ADULT WISTAR RATS** M.B. Acevedo, M. E. Nizhnikov, N.E. Spear, R.M. Pautassi. Instituto Ferreyra, Cordoba, 5016, Argentina State Univ. of New York at Binghamton, Ctr. for Developmental Psychobiology Binghamton NY 13902
- 093-M-415** **CHRONIC CORTICOSTERONE INDUCES NEUROADAPTIVE CHANGES IN THE ACCUMBENS AND IMPACTS SENSITIVITY TO THE INTEROCEPTIVE EFFECTS OF ALCOHOL VIA MGLUR5** K.R. Fisher, R. Cannady, C. Li, C.W. Hodge, T.L. Kash, J. Besheer Bowles Ctr. for Alcohol Studies, Univ. of North Carolina-Chapel Hill Chapel Hill NC 27599
- 094-M-416** **ENHANCED CORTICOSTERONE RESPONSE EVOKED BY NOVEL ENVIRONMENT STRESS IMPOSED DURING WITHDRAWAL IN SPRAGUE-DAWLEY RATS.** A. Okrainets; T.L. Doremus-Fitzwater; C. M. Hueston; T. Deak. Behavioral Neuroscience Prog., Psychology Dept, Binghamton Univ. Binghamton NY 13902
- 095-M-417** **RELATION BETWEEN CORTICOSTERONE AND FEAR-RELATED BEHAVIOR IN MICE SELECTIVELY BRED FOR HIGH OR LOW ALCOHOL PREFERENCE** J.A. Chester; A.M. Kirchhoff; G.D. Barrenha Dept. of Psychological Sciences, Purdue Univ. West Lafayette IN 47907
- 096-M-418** **SOCIAL ISOLATION DISRUPTS EXTINCTION OF FEAR LEARNING AND ENHANCES ADRENOCEPTOR ANTAGONIST-MEDIATED INHIBITION OF ETHANOL DRINKING IN LONG EVANS RATS.** M.J. Skelly, A.M. Chappell, J.L. Weiner Dept. of Physiology and Pharmacology, Prog. in Neuroscience, Translational Ctr. for the Neurobehavioral Study of Alcohol, Wake Forest Univ. School of Med. Winston Salem NC 27157
- 097-M-419** **EFFECT OF SOCIAL DEFEAT STRESS ON VOLUNTARY ETHANOL INTAKE IN ETHANOL DEPENDENT AND NON-DEPENDENT C57BL/6J MICE** M.F. Lopez; L.A. Ralston; T.L. Doremus-Fitzwater; G.B.F. Porto; H.C. Becker Charleston Alcohol Res. Ctr., Med. Univ. of South Carolina & Dept. of Veterans Affairs Med. Ctr. Charleston SC 29425
- 098-M-420** **EFFECTS OF YOHIMBINE AND ALCOHOL DEPRIVATION ON ETHANOL- RELATED BEHAVIORS IN ALCOHOL-PREFERRING (P) AND HIGH-ALCOHOL DRINKING (HAD-2) RATS** M. L. Bertholomey, R. B. Stewart, L. Lumeng, & C. L. Czachowski. Dept. of Psychology, Purdue Univ. School of Science, and Dept. of Psychiatry, Indiana Univ. School of Med., Indiana Univ.-Purdue Univ. Indianapolis IN 46202
- 099-M-421** **OREXIN RECEPTORS MODULATE YOHIMBINE-INDUCED REINSTATEMENT OF ETHANOL SEEKING AND GABAERGIC TRANSMISSION IN THE CENTRAL AMYGDALA** S. Srinivasan, J.A. Simms, F. W. Hopf and S. E. Bartlett Ernest Gallo Clinic and Res. Ctr., Dept. of Neurology, Univ. of California San Francisco Emeryville CA 94608
- 100-M-422** **EXAMINING THE RELATIONSHIP BETWEEN ANXIOUS AND AGGRESSIVE BEHAVIOR AND HEAVY DRINKING IN FEMALE RHESUS MONKEYS.** M.M. McClintick; K. Coleman; N. Robertson; K.A. Grant Oregon Health & Science Univ., Portland, OR 97239 Oregon National Primate Res. Ctr. Beaverton OR 97006

5. PATHOLOGY: HUMAN / ANIMAL (Poster Numbers 101-126 / Abstract Numbers 423-448)

a. Hepatic / Gastrointestinal Tract (more on Sunday)

- 101-M-423** **IMPAIRED SILIBININ (MILK THISTLE) CLEARANCE IS ASSOCIATED WITH ETHANOL-DEPENDENT HEPATOCELLULAR CARCINOMA (HCC) PROGRESSION IN MALE MICE** E. Brandon-Warner, A.M. Lakner, T.L. Walling, L.W. Schrum, and I.H. McKillop Carolinas Med. Ctr. Charlotte NC 28203
- 102-M-424** **ALCOHOL AND DIET-INDUCED OBESITY SYNERGIZE TO PROMOTE HEPATOCELLULAR CARCINOMA IN MALE MICE** K.J. Thompson; D. Sindram; I.H. McKillop Dept. of Surgery, Carolinas Med. Ctr. Charlotte NC 28203
- 103-M-425** **ETHANOL POTENTIATES HIV-INDUCED APOPTOSIS OF HEPATITIS C VIRUS RNA REPLICATIVE HUMAN HEPATOMA CELLS** M.G. Neuman In Vitro Drug Safety and Biotechnology, Univ. of Toronto, Canada

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5. PATHOLOGY: HUMAN / ANIMAL - Cont'd (Poster Numbers 101-126 / Abstract Numbers 423-448)

a. Hepatic / Gastrointestinal Tract - cont'd (more on Sunday)

- 104-M-426 COMPARISON OF NF κ B GENOME-WIDE TARGETING BETWEEN CHOW-FED AND LIEBER-DECARLI ISOCALORIC PAIR-FED RATS DURING LIVER REGENERATION** D. Cook; L. Kuttippurathu; B. Patra; J. B. Hoek; R. Vadigepalli Daniel Baugh Inst. for Functional Genomics and Computational Biology, Thomas Jefferson Univ., Dept. of Pathology, Anatomy, and Cell Biology Philadelphia PA 19701
- 105-M-427 C/EBP β MEDIATED GENOME-WIDE COMBINATORIAL TRANSCRIPTIONAL REGULATORY DYNAMICS DURING EARLY ONSET OF LIVER REGENERATION AND CHRONIC ALCOHOL INTAKE** B. Patra, L. Kuttippurathu, J. B. Hoek, R. Vadigepalli. Daniel Baugh Inst. for Functional Genomics/ Computational Biology, Dept. Of Pathology, Anatomy and Cell Biology, Thomas Jefferson Univ. Philadelphia PA 19107
- 106-M-428 COMBINATORIAL GENEOME-WIDE TARGETING OF NF κ B AND C/EBP β DURING THE EARLY PHASE OF LIVER REGENERATION IN ETHANOL-FED RATS** L. Kuttippurathu, B. Patra, J. B. Hoek, R. Vadigepalli. Daniel Baugh Inst. for Functional Genomics/ Computational biology, Dept. of Pathology, Anatomy and Cell Biology, Thomas Jefferson Univ. Philadelphia PA 19107
- 107-M-429 CNS IMMUNE RESPONSE IN RATS WITH LIVER DAMAGE** N Zahr; D Mayer; M Gu; R. Luong; J Orduna; C Alt; A Manning-Bog; E Sullivan; A Pfefferbaum School of Med., Stanford Univ., Stanford, CA 94305 Neuroscience Prog., SRI International Menlo Park CA 94025
- 108-M-430 CIRCADIAN DISRUPTION EXACERBATES ALCOHOL-INDUCED INTESTINAL PERMEABILITY AND LIVER PATHOLOGY** RM Voigt, CB Forsyth, M Shaikh, FW Turek, A Keshavarzian Rush Univ., Dept of Internal Med., Sec. of Gastroenterology Chicago IL 60612
- 109-M-431 MLCK ACTIVATION IS ELEVATED IN INTESTINAL EPITHELIAL CELLS FOLLOWING ACUTE ETHANOL EXPOSURE AND BURN INJURY** A Zahs, L Ramirez, JR Turner, MA Choudhry, EJ Kovacs Loyola Univ. Stritch School of Med. Maywood IL 60153
- 110-M-432 ALTERED ADRP AND RAB 18 CONTENT IN ISOLATED LIPID DROPLETS (LDS): CONTRIBUTION TO ALCOHOL-INDUCED FATTY LIVER IN RATS.** K. Rasineni, J. J. Gould, M. A. McNiven, B. L. McVicker and C. A. Casey. Nebraska Western Iowa Veterans Administration Med. Ctr. and Univ. of Nebraska Med. Ctr., Omaha NE, and Mayo Clinic Dept. of Biochemistry, Rochester, MN
- 111-M-433 DIETARY FATS DIFFERENTIALLY MODULATE FATTY ACID PROFILE AND LIPID METABOLISM IN THE LIVER OF RATS CHRONICALLY FED ALCOHOL** Q. Li; W. Zhong; X. Sun; X. Tan; Y. Qiu; G. Xie, X. Sun; W. Jia, Z. Zhou. Univ. of North Carolina at Greensboro Kannapolis NC 28081
- 112-M-434 DIETARY SUPPLEMENTATION WITH ZINC ALLEVIATES ETHANOL-INDUCED LIVER INJURY THROUGH PREVENTING GUT LEAKINESS AND ENDOTOXEMIA** W. Zhong; Q. Li; X. Sun; X. Tan; X. Sun; W. Jia; Z. Zhou Univ. of North Carolina at Greensboro, School of Health and Human Sciences Kannapolis NC 28081
- 113-M-435 INHIBITION OF ETHANOL-INDUCED GASTRIC MUCOSAL DAMAGE BY GYMNEMA SYLVESTRE IN MALE WISTAR ALBINO RATS: POSSIBLE BIOCHEMICAL CONSEQUENCES** S.S. Al-Rejaie1 ; M.S. Dar2 1 King Saud Univ., Dept. of Pharmacology & Toxicology, Riyadh, Saudi Arabia 2 East Carolina Univ, Dept. of Pharmacology & Toxicology, Brody School of Med. Greenville NC 27834

b. Brain (more on Sunday)

- 114-M-436 NEURAL CONSEQUENCES OF REPEATED BINGE ALCOHOL EXPOSURE: EFFECTS OF EXERCISE.** M.E. Maynard; T.J. Rashaud; J.L. Leasure Univ. of Houston, Dept. of Psychology Houston TX 77204
- 115-M-437 INFLAMMASOME ACTIVATION MEDIATES IL1- β INCREASE IN THE BRAIN OF CHRONIC ALCOHOL-FED MICE.** D. Lippai; S. Bala; T. Csak; J. Petrasek; I. Levin; G. Szabo. Univ. of Massachusetts Med. School, Dept. of Med. Worcester MA 01605
- 116-M-438 COMBINED USE OF IBUPROFEN AND ETHANOL INCREASES CELL DEATH IN NEURONAL SH-SY5Y CELLS** J. Morado, B. Cheng, S. K. Maffi. Med. Res. Div.-Regional Academic Health Ctr., Edinburg, TX 78541, The Univ. of Texas Health Science Ctr., Dept. of Molecular Med., San Antonio, TX 78245
- 117-M-439 CHRONIC BINGE ALCOHOL DIFFERENTIALLY MODULATES BRAIN GENE EXPRESSION IN SIV-INFECTED MACAQUES; PRELIMINARY COMPARISON WITH HIV+ & HIV ENCEPHALITIS.** F. Peruzzi4; J. Zabaleta3,4; P. Winsauer2; M Pacifici4, G.J. Bagby1,5; S. Nelson5; P.E. Molina1,5. 1Depts. of Physiology, 2Pharmacology, and 3Pediatrics, 4Cancer Ctr., and 5Alcohol Res. Ctr., LSUHSC New Orleans LA 70112
- 118-M-440 SHORT TERM ETHANOL EXPOSURE INDUCES CALPAIN DEPENDENT A-SPECTRIN PROTEOLYSIS AND NEURODEGENERATION IN THE HIPPOCAMPUS** L.Sharrett-Field1,3, T. Butler 1,3, J. Berry1,3, A. Reynolds1,3, K.Smith1,3, J. Geddes2,3, P.J. Mulholland4 MA Prendergast1,3 Univ of Kentucky, Depts of 1Psychology, 2Anatomy & Neurobiology, 3Spinal Cord & Brain Injury Res Ctr, Lexington, KY, 4MUSC, Depts of Neurosciences & Psychiatry & Behavioral Sciences, Charleston, SC
- 119-M-441 IS THE PRESENCE OF ALZHEIMER TYPE II ASTROCYTES A CONFOUNDING FACTOR FOR HUMAN POSTMORTEM BRAIN TISSUE QUALITY?** D. Sheedy; A. Harding; M. Say; J. Stevens; B. Palmer-Aronsten; J. Kril Discipline of Pathology, Sydney Med. School, The Univ. of Sydney, NSW Australia 2006
- 120-M-442 THE EFFECTS OF CHRONIC ALCOHOLISM ON PROLIFERATION IN THE HUMAN SUBVENTRICULAR ZONE** G. Sutherland; P. Sheahan; J. Matthews; D. Sheedy; T. McCrossin; M. Curtis; J. Kril Discipline of Pathology, Sydney Med. School, The Univ. of Sydney, NSW Australia 2006

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MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

5. PATHOLOGY: HUMAN / ANIMAL - Cont'd (Poster Numbers 101-126 / Abstract Numbers 423-448)

b. Brain - cont'd (more on Sunday)

- 121-M-443 HIPPOCAMPAL CELL DEATH AND ASTROCYTE ACTIVATION OBSERVED IN FEMALES BUT NOT MALES FOLLOWING CHRONIC ETHANOL EXPOSURE** M.L. Roberts, J.G. Hashimoto, M.R. Forquer, and K.M. Wiren Portland VAMC Res. Service and Oregon Health & Science Univ. Portland OR 97239
- 122-M-444 SEX DIFFERENCES IN ASTROCYTE FUNCTIONALITY DURING CHRONIC ETHANOL EXPOSURE AND WITHDRAWAL WOULD MAKE FEMALES MORE VULNERABLE TO BRAIN DAMAGE** M.R. Forquer, M.L. Roberts, J.G. Hashimoto, and K.M. Wiren Portland VAMC Res. Service and Oregon Health & Science Univ. Portland OR 97239
- 123-M-445 ADOLESCENT INTERMITTENT BINGE ETHANOL ALTERS NEURONAL ACTIVATION BY ETHANOL IN THE CEREBRAL CORTEX OF ADULT RAT BRAIN.** W. Liu; F.T. Crews. Univ. of North Carolina at Chapel Hill, Bowles Ctr. for Alcohol Studies Chapel Hill NC 27599
- 124-M-446 MECHANISMS OF ALCOHOL-INDUCED THIAMINE DEFICIENCY IN BRAIN PATHOGENESIS: THERAPEUTIC ROLE OF ACETYL-L-CARNITINE** P. M. Abdul Muneer, H. Schuetz, S. Alikunju, A. M. Szlachetka and J. Haorah Dept. of Pharmacology and Experimental Neuroscience, Univ. of Nebraska Med. Ctr. Omaha NE 68198
- 125-M-447 ENDOPLASMIC RETICULUM-TARGETTED BCL-2 RESCUES SH-SY5Y NEUROBLASTOMA CELLS FROM ETHANOL TOXICITY.** C. A. Wallace; C.M. Dobbins; D.B. Moore Kalamazoo College Dept. of Biology, Kalamazoo MI 49006
- 126-M-448 SIGNAL OR NOISE? NON-PHASE-LOCKED THETA EVENT-RELATED OSCILLATIONS DISCRIMINATE LONG-TERM ABSTINENT ALCOHOLICS FROM CONTROLS** C.S. Gilmore, G. Fein Neurobehavioral Res., Inc Honolulu HI 96814

6. FETAL ALCOHOL SYNDROME / DEVELOPMENT (Poster Numbers 127-142 / Abstract Numbers 449-464)

a. Cell Biology

- 127-M-449 COMPONENTS OF THE BMP SIGNALING PATHWAY INTERACT WITH ETHANOL, PERTURBING PROPER EMBRYONIC JAW DEVELOPMENT IN ZEBRAFISH.** C. B. Lovely and J. K. Eberhart Molecular Cell and Developmental Biology, Inst. for Cellular and Molecular Biology, Univ. of Texas at Austin, Austin TX 78713
- 128-M-450 IMPAIRMENT OF ALVEOLAR MACROPHAGE MIGRATION IN FETAL ALCOHOL EXPOSURE: AN IN VITRO MODEL.** D.C. Giliberti; L.A.S. Brown; T.W. Gauthier Emory Univ. School of Med. Atlanta GA 30322
- 129-M-451 BRAIN-DERIVED NEUROTROPHIC FACTOR DECREASES ETHANOL-INDUCED OXIDATIVE STRESS AND APOPTOSIS IN HYPOTHALAMIC NEURONS: ROLE OF MICROGLIA** N. Boyadjieva; D.K. Sarkar Endocrine Prog., The State Univ. of New Jersey New Brunswick NJ 08901
- 130-M-452 EFFECTS OF NMDA AND GLUTAMIC ACID ON ETHANOL'S NEUROTOXIC ACTION ON HYPOTHALAMIC NEURONS: ROLE OF MICROGLIA-ACTIVATED OXIDATIVE STRESS** N. Boyadjieva; D.K. Sarkar Endocrine Prog., The State Univ. of New Jersey New Brunswick NJ 08901
- 131-M-453 ROLE OF INFLAMMATORY AND OXIDATIVE PROCESSES IN ETHANOL-INDUCED NEURONAL DEATH IN THE HYPOTHALAMUS DURING THE DEVELOPMENTAL PERIOD** T. Franklin; D.K. Sarkar Endocrine Prog., The State Univ. of New Jersey New Brunswick NJ 08901
- 132-M-454 NRF2-MEDIATED ANTIOXIDANT RESPONSE IS A MAJOR DETERMINANT OF SUSCEPTIBILITY OF NEURAL CREST CELLS TO ETHANOL-INDUCED APOPTOSIS** XP Chen, J Liu and S-Y Chen Dept. of Cancer Biology and Pharmacology, Univ. of Illinois College of Med. at Peoria Peoria IL 61605
- 133-M-455 MICROINJECTION OF MICRORNA-125B MIMIC INTO CULTURED MOUSE EMBRYOS PREVENTS ETHANOL-INDUCED APOPTOSIS AND EMBRYOTOXICITY** XP Chen, J Liu and S-Y Chen Dept. of Cancer Biology and Pharmacology, Univ. of Illinois College of Med. at Peoria Peoria IL 61605
- 134-M-456 UNDERSTANDING THE EFFECTS OF HYPOXIA IN COMBINATION WITH ETHANOL WITHDRAWAL IN VITRO** M.Carter, B. Lewis, K.A. Wellmann, M.A. Prendergast & S. Barron Psychology Dept., Univ. of Kentucky Lexington KY 40506
- 135-M-457 ETHANOL DISRUPTS PLURIPOTENCY STEM CELL MARKER EXPRESSION PROFILE IN CD24+ NEURAL STEM CELL SUBPOPULATION** J. D. Tingling; J. Chandrasekharan; S. Schneider; S. Balaraman; R. C. Miranda Texas A&M Health Science Ctr., Dept. of Neuroscience and Experimental Therapeutics Bryan Tx 77843
- 136-M-458 ETHANOL-SENSITIVE MIR-153 CONTROLS NSC/NPC MATURATION BY TARGETING MULTIPLE CELL PROLIFERATION AND DIFFERENTIATION GENES** P.C. Tsai and R.C. Miranda Dept. of Neuroscience & Experimental Therapeutics, Texas A&M Health Science Ctr., College of Med. Bryan TX 77807
- 137-M-459 ALCOHOL MARKEDLY ALTERS METHYL BINDING PROTEINS DURING NEURAL DEVELOPMENT.** N.C. Öztürk, M. Martinez; A.H. Öztürk, F.C. Zhou. Indiana Univ., School of Med., Indianapolis, IN 46202 & Mersin Univ., School of Med., Mersin 33169, Turkey

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MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

6. FETAL ALCOHOL SYNDROME / DEVELOPMENT - Cont'd (Poster Numbers 127-142 / Abstract Numbers 449-464)

a. Cell Biology - cont'd

- 138-M-460 ETHANOL-ALTERED SINGLE-CELL DISTRIBUTION OF MOLECULAR PHENOTYPES DURING RETINOIC ACID DIFFERENTIATION OF MOUSE EMBRYONIC STEM CELLS.** J. Ogony; R. Vadigepalli; H. Anni. Thomas Jefferson Univ., Jefferson Med. College, Dept of Pathology-Anatomy & Cell Biology, and Daniel Baugh Inst. for Functional Genomics & Computational Biology Philadelphia PA 19107
- 139-M-461 CHOLINE AND/OR GM1 GANGLIOSIDE REDUCES ETHANOL INHIBITION OF L1 MEDIATED PP60SRC ACTIVATION.** N. Tang; M. He; P. Bamford; C.F. Bearer Univ. of Maryland, School of Med. Baltimore MD 21201
- 140-M-462 HIGH-THROUGHPUT TRANSCRIPTOME SEQUENCING TO IDENTIFY GENETIC MODIFIERS OF ALCOHOL SENSITIVITY** A. Garic*, M. E. Berres#, S. M. Smith* Depts *Nutritional Sciences and #Animal Sciences, Univ. of Wisconsin-Madison Madison WI 53706
- 141-M-463 PRIMARY AND SECONDARY FETAL HUMAN BRAIN-DERIVED NEURAL STEM CELLS RESPOND DIFFERENTLY TO ETHANOL** S D Vangipuram, W D Lyman. Dept. of Pediatrics, Wayne State Univ., Detroit, MI, Children's Res. Ctr. of MI, Detroit, MI
- 142-M-464 ETHANOL-INDUCED DEFECTS IN NEURONAL CELL FATE DECISIONS IN CAENORHABDITIS ELEGANS.** L.M. Kondo; R. Raabe; K. Kauv; M.H. Bolling; A.G. Davies; J.C. Bettinger. Virginia Commonwealth Univ., School of Med. Richmond VA 23298

7. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS (Poster Numbers 143-190 / Abstract Numbers 465-512)

a. Social / Cultural norms (beliefs, attitudes, values) (more on Tuesday)

- 143-M-465 DISCREPANCIES BETWEEN PARENT AND CHILD REPORTS OF PARENTAL MONITORING AND ADOLESCENT ALCOHOL-RELATED BEHAVIORS** C.C. Abar; K. Jackson; S. Colby; N. Barnett Brown Univ., Ctr. for Alcohol and Addiction Studies Providence RI 02912
- 144-M-466 A COMPARISON OF PARENT AND TEEN REPORT OF MONITORING AND COMMUNICATION AND THEIR RELATION TO TEEN ALCOHOL AND OTHER DRUG USE.** M.K. Cancilliere; H. Graves; A.M. Rodriguez; L. Hernandez; and A. Spirito. Brown Univ., Ctr. for Alcohol and Addiction Studies Providence RI 02912
- 145-M-467 PARENTS' RULES ABOUT UNDERAGE DRINKING: A QUALITATIVE STUDY OF WHY PARENTS LET TEENS DRINK** B. Friese; J.W. Grube, R.S. Moore, V.K. Jennings Prevention Res. Ctr. Berkeley CA 94704
- 146-M-468 FAMILY INVOLVEMENT AS A MODERATOR OF SUBSTANCE USE RISK FACTORS IN ADOLESCENTS WITH SEVERE EMOTIONAL AND BEHAVIORAL DISTURBANCES.** A. Levitt; R.C. Schlauch; C.M. Connell; J.S. Kaufman. Res. Inst. on Addictions, Univ. at Buffalo, State Univ. of New York Buffalo NY 14203
- 147-M-469 SOCIAL INFLUENCES OF ALCOHOL AND DRUG USE AMONG YOUTH TREATED IN AN EMERGENCY DEPARTMENT** QM Epstein-Ngo, RM Cunningham, L Whiteside, ST Chermack, P Erhlich, K Barry, MA Walton. Univ. of Michigan Ann Arbor MI 48109
- 148-M-470 HIGH SCHOOL PEER CROWD AFFILIATION AND PEER ALCOHOL USE IN PREDICTING PROBLEMATIC DRINKING IN COLLEGE** J. A. Bonsu, R. Milich, R. Charnigo, P. Keller Univ. of Kentucky, Ctr. for Drug Abuse Res. Translation Lexington KY 40506
- 149-M-471 EXAMINING BREATH ALCOHOL CONCENTRATIONS THROUGH A SIMULATED DRINKING GAME PROCEDURE** M.M. Silvestri; C.J. Correia Auburn Univ., Dept. of Psychology Auburn AL 36849
- 150-M-472 USING EVENT-LEVEL DATA TO EXAMINE DRINKING GAME BEHAVIOR IN FIRST-YEAR COLLEGE STUDENT DRINKERS** A.E. Ray; S.Y. Kim; E.Y. Mun; M. Marzell Ctr.of Alcohol Studies, Rutgers, The State Univ. of New Jersey Piscataway NJ 08854
- 151-M-473 PARALLEL PROCESS GROWTH MODELS FOR ADOLESCENT AND PEER DRINKING IN INDIVIDUALS WITH AND WITHOUT CHILDHOOD ADHD.** K.A. Belendiuk¹, S.L. Pedersen¹, M.P. Marshal¹, K.M. King², Pelham, W.E.³, W.E., & B.S.G. Molina¹ ¹Univ. of Pittsburgh ²Univ. of Washington ³Florida International Univ.
- 152-M-474 MODELING SOCIAL AND FUNCTIONAL NETWORK SUPPORTS FOR DRINKING AND READINESS FOR CHANGE AMONG RURAL AND URBAN AT-RISK PROBLEM DRINKERS** J. Small; S. Ounpraseuth; B. Booth; G. Curran UC- Berkeley School of Public Health, Prevention Res. Ctr., UAMS-Psychiatric Res. Institute, UAMS-College of Public Health
- 153-M-475 COMPARING THE EFFECT OF TWO TYPES OF SOCIAL SUPPORT ON CHANGES IN PROBLEMATIC ALCOHOL USE AMONG OFFENDERS BEGINNING DRUG COURT** M.J. Perry; J.L. Derrick; N.M. Mendoza; T.H. Nochajski; M.G. Farrell Res. Inst. on Addictions, Univ. at Buffalo, SUNY Buffalo NY 14203
- 154-M-476 THE RELATIONSHIP BETWEEN SCHOOL CONNECTEDNESS AND ALCOHOL USE IN YOUNG ADOLESCENTS- A PROSPECTIVE STUDY** J.P. Connor; S.M. George; R.McD. Young. The Univ. of Queensland, Centre for Youth Substance Abuse Res., Brisbane Australia 04029
- 155-M-477 EXAMINATION OF THE ASSOCIATIONS AMONG CHILDHOOD SEXUAL ABUSE, TRAUMA SYMPTOMS, AND EXPERIENCES OF DISCRIMINATION ON DRINKING BEHAVIORS** H.V. Nguyen, W.H. George, A.K. Gilmore, K. F. Kajumulo, A.J. Jacques-Tiura, J.R. Heiman, J. Norris & K.C. Davis Univ. of Washington Seattle WA 98195

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MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

7. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS - Cont'd (Poster Numbers 143-190 / Abstract Numbers 465-512)

b. Cognitive Determinants (info processing, expectancies, motivation) (more on Sunday, Tuesday, Wednesday)

- 156-M-478 LONGITUDINAL ASSOCIATION OF ALCOHOL EXPECTANCIES AND ALCOHOL USE AND CONSEQUENCES DURING AND AFTER COLLEGE.** A. Verges; R.P. Winograd; K.J. Sher Univ. of Missouri-Columbia, Dept. of Psychological Sciences, Columbia MO 65211
- 157-M-479 ALCOHOL EXPECTANCIES, PERCEIVED NORMS, AND DRINKING BEHAVIOR IN COLLEGE STUDENTS: EXAMINING THE RECIPROCAL DETERMINISM HYPOTHESIS.** J.D. Wardell; J.P. Read The State Univ. of New York at Buffalo, Dept. of Psychology Buffalo NY 14260
- 158-M-480 PARALLEL MEASURES OF EXPECTANCIES (ANTICIPATED EFFECTS OF ALCOHOL SCALE) AND SUBJECTIVE RESPONSE (SUBJECTIVE EFFECTS OF ALCOHOL SCALE) AND ALCOHOL USE** M.E. Morean; W.R. Corbin; T.A. Treat Yale Univ., Psychology Dept., New Haven, CT 06520 & Arizona State Univ. Tempe AZ 85287
- 159-M-481 DAILY VARIABILITY IN ALCOHOL EXPECTANCIES AND DRINKING AMONG COLLEGE STUDENTS** C. M. Lee; B. C. Leigh; L. Garberson; T. Kim; D. Atkins Univ. of Washington Seattle WA 98195
- 160-M-482 ALCOHOL EXPECTANCIES AND DRINKING BEHAVIOR IN NATIVE AMERICAN AND NON-HISPANIC WHITE COLLEGE STUDENTS** K. Hagler; B. L. Greenfield; K. L. Venner Univ. of New Mexico, Ctr. on Alcoholism, Substance Abuse and Addictions (CASAA) Albuquerque NM 87106
- 161-M-483 IMPLICIT ALCOHOL-COPE ASSOCIATIONS INCREASE IN RESPONSE TO STRESS** K. P. Lindgren; D. Foster; E. Westgate; C. Neighbors Univ. of Washington, Dept. of Psychiatry & Behavioral Sciences, Seattle WA Univ. of Houston, Dept. of Psychology, Houston, TX
- 162-M-484 LATENT PROFILE ANALYSIS OF NEGATIVE URGENCY AND SENSATION SEEKING ON ALCOHOL USE** S.K. Takamatsu; J.M. Cadigan; K.C. Herman; J. G. Murphy; M.P. Martens Univ. of Missouri Columbia MO 65211
- 163-M-485 DIMENSIONS OF SELF-REGULATION MEDIATE THE EFFECTS OF PARENTING BEHAVIORS ON SUBSTANCE USE AND PROBLEMS AMONG COLLEGE STUDENTS** S.J. Racz; R.A. Cruz; J.W. Luk; and K.M. King. Univ. of Washington Seattle WA 98195
- 164-M-486 CAN YOU SAY NO?: EXAMINING THE RELATIONSHIP BETWEEN DRINKING REFUSAL SELF-EFFICACY AND PROTECTIVE BEHAVIORAL STRATEGY USE ON ALCOHOL OUTCOMES** P. J. Ehret; T. M. Ghaidarov; J. L. LaBrie; E. Andere. Loyola Marymount Univ., Dept. of Psychology Los Angeles CA 90045
- 165-M-487 SELF-EFFICACY FOR AVOIDING HEAVY DRINKING AND DRINKING MOTIVES AS MEDIATORS IN THE SOCIAL ANXIETY- PROBLEMATIC DRINKING RISK PATHWAY.** D. Nitka, M.A.; L. Khan; R. M. O'Connor; S.H. Stewart. Concordia Univ., Dept. of Psychology, Montreal, QC, H4B 1R6 Dalhousie Univ., Dept. of Psychiatry Halifax NS Canada B3H 4J1
- 166-M-488 THE ROLE OF ACADEMIC MOTIVATION AND DRINKING MOTIVES IN COLLEGIATE DRINKING.** E.M. Grimaldi; K.G. Anderson Reed College, Portland OR 97202
- 167-M-489 PROS & CONS OF DRINKING: A QUALITATIVE ANALYSIS OF YOUNG ADULT MOTIVATIONS AND EXPECTANCIES.** C.H. Dupree; M. Magill; & T.R. Apodaca Brown Univ., Ctr. for Alcohol and Addiction Studies Providence RI 02903
- 168-M-490 CAN PREOCCUPATION WITH DRINKING OVER-RIDE THE PROTECTIVE PROPERTIES OF MINDFULNESS ON PROBLEMATIC DRINKING?** S.M. Bamm; A.M. Cohn; B.T. Hagman; S.J. Ehlke. Univ. of South Florida, Dept. of Mental Health Law and Policy Tampa FL 33612
- 169-M-491 THE PSYCHOMETRIC PROPERTIES OF THE MINDFUL ATTENTION AND AWARENESS SCALE (MAAS) BASED ON A SAMPLE OF COLLEGE STUDENT DRINKERS** J. Wang; B.T. Hagman; A.M. Cohn; & S.M. Bamm Univ. of South Florida, Dept. of Mental Health Law and Policy Tampa FL 33612
- 170-M-492 A MEDIATIONAL MODEL OF PSYCHOPATHY & DRINKING CONTROL: THE INDIRECT EFFECT OF NEGATIVE URGENCY ON HEAVY EPISODIC DRINKING AND ALCOHOL PROBLEMS.** L.M. Backer-Fulghum; J.A. Patock-Peckham; K.M. King; J.W. Luk; J. Filson Moses; Baylor Univ., Dept. of Psychology and Neuroscience Waco TX 76798
- 171-M-493 ALCOHOL COGNITIONS AND COLLEGE STUDENT DRINKING: THE MODERATING EFFECT OF EXECUTIVE ABILITIES.** A. M. Lavigne; M.D. Wood; T. Janssen; R. W. Wiers. Univ. of Rhode Island, Dept. of Psychology Kingston RI 02881
- 172-M-494 PERSEVERATION IN ALCOHOL USE: EXECUTIVE COGNITIVE FUNCTIONING DEFICITS PREDICT SUSTAINED DRINKING IN THE FACE OF ALCOHOL-RELATED CONSEQUENCES** A. J. Moltisanti, M. C. Below, K. O. Brandon, & M. S. Goldman Alcohol & Substance Use Res. Inst., Dept. of Psychology, Univ. of South Florida Tampa FL 33620
- 173-M-495 EXECUTIVE CONTROL MODERATES THE RELATIONSHIP BETWEEN ALCOHOL-RELATED INTERPRETIVE BIAS AND ALCOHOL USE** E. Saleminck; R. W. Wiers Univ. of Amsterdam, Developmental Psychology, Amsterdam, 1018 XA, the Netherlands

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MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

7. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS - Cont'd (Poster Numbers 143-190 / Abstract Numbers 465-512)

c. Other (more on Sunday)

- 174-M-496 CORRELATES OF USING ALCOHOL TO AID SLEEP IN ALCOHOL-DEPENDENT (AD) INDIVIDUALS.** K.J. Brower; D.A. Conroy; J.T. Arnedt Univ. of Michigan Addiction Res. Ctr., and Sleep and Chronophysiology Lab. Ann Arbor MI 48109
- 175-M-497 DOES EXERCISE INCREASE ALCOHOL CONSUMPTION?** J. Parra; C. Neighbors, R.L. Bell; J.L. Leisure Univ. of Houston, Dept. of Psychology, Houston, TX 77204, and Indiana Univ. School of Med., Dept. of Psychiatry Indianapolis IN 46202
- 176-M-498 TRANSITIONS IN AND OUT OF ATHLETIC INVOLVEMENT AND RISKY DRINKING** J.M. Cadigan, A.K. Littlefield, M.P. Martens, & K. J. Sher Univ. of Missouri Columbia MO 65211
- 177-M-499 USING THE GENERAL UNIFIED THEORY TO PREDICT DRINKING BEHAVIOR AMONG NON-COLLEGE EMERGING ADULTS** N.M. Scaglione; C. Comer; M. Cleveland; R. Turrisi Pennsylvania State Univ., Dept. of Biobehavioral Health & Prevention Res. Ctr. State College PA 16801
- 178-M-500 SUBJECTIVE RESPONSE TO THE FIRST DRINK IN SMOKERS AND NONSMOKERS: AN ECOLOGICAL MOMENTARY ASSESSMENT INVESTIGATION** M.E. Tarantola; T.M. Piasecki; P.K. Wood; K.J. Sher Univ. of Missouri, Dept. of Psychology, Columbia, MO 65211, US
- 179-M-501 EVENT-SPECIFIC RISK AND ECOLOGICAL FACTORS ASSOCIATED WITH PREPARTYING AMONG HEAVIER DRINKERS** J. H. Hummer, L. E. Napper, P. E. Ehret, & J. W. LaBrie Loyola Marymount Univ. Dept. of Psychology, Los Angeles CA 90045
- 180-M-502 ALCOHOL AND NICOTINE: JOINT PHARMACOLOGICAL EFFECTS ON DRINKING AND SMOKING MOTIVATION** J. A. Oliver; D. Diaz; S. Eisel; M. Blank; D. J. Drobes Univ. of South Florida and Moffitt Cancer Ctr. Tampa FL 33617
- 181-M-503 DAILY CRAVING REPORTS FROM DRINKERS NOT IN TREATMENT** T.L. Fazzino; G.L. Rose; J.E. Helzer Univ. of Vermont, Dept. of Psychology and Dept. of Psychiatry Burlington VT 05401
- 182-M-504 PHOSPHATIDYLETHANOL LEVELS IN SOCIAL AND BINGE DRINKING ADULTS BEFORE AND AFTER ALCOHOL ADMINISTRATION.** N. Hill-Kapturczak, S.E. Cates, D.M. Dougherty, and M.A. Javors. Depts. of Psychiatry and Pharmacology, Univ. of Texas HSC San Antonio TX 78229
- 183-M-505 WITNESSING DOMESTIC VIOLENCE AND TRAUMA-MEDIATED PATHWAYS TO ALCOHOL USE AND THE PERPETRATION OF DATING VIOLENCE IN ADOLESCENCE.** B. Faulkner, A. Goldstein, C. Wekerle, The MAP Res. Team. Univ. of Toronto, Ontario Inst. for Studies in Education, Toronto, ON Canada M5S 1V6
- 184-M-506 WHAT IS STRESSFUL FOR HIV-INFECTED WOMEN? CHRONIC GLOBAL STRESS AND TRAUMA-RELATED STRESS AMONG HAZARDOUS/HEAVY DRINKERS IN HIV PRIMARY CARE.** H.E. Hutton; G Chander; R.D. Moore; M.E. McCaul. Johns Hopkins Univ. School of Med. Baltimore MD 21287
- 185-M-507 PREDICTORS OF RECENT DRINKING BEHAVIOR IN HEALTHY VOLUNTEERS AND ALCOHOL DEPENDENT POPULATIONS** M. Zemetkin, B.L. Stangl, V.A. Ramchandani Sec. on Human Psychopharmacology, LCTS, NIAAA, NIH Bethesda MD 20892
- 186-M-508 EFFECT OF INTRAVENOUS ETHANOL ON HYPOTHALAMIC-PITUITARY-ADRENAL (HPA) AXIS HORMONES AND BETA-ENDORPHIN IN HEALTHY MALES** M.A. Coe, M.L. Schwandt, J. Umhau, E. Singley, R. Eskay, H. Sun, M. Heilig, V.A. Ramchandani Sec. on Human Psychopharmacology, LCTS, NIAAA, NIH Bethesda MD 20892
- 187-M-509 ASSOCIATION OF INTRAVENOUS (IV) ETHANOL SELF-ADMINISTRATION WITH HAZARDOUS AND HARMFUL USE AMONG HEAVY DRINKERS** V. Vatsalya; M.A. Coe; M.E. Cooke; J. Issa, S.E. Bartlett; D.W. Hommer; M. Heilig; V.A. Ramchandani Lab. of Clinical and Translational Studies, National Inst. of Alcohol Abuse and Alcoholism, National Insts. of Health Bethesda MD 20892
- 188-M-510 DIFFERENTIAL EXPOSURE AND DIFFERENTIAL VULNERABILITY FOR RACIAL/ETHNIC MINORITIES.** S.E. Zemore, N. Mulia, H. Liu, R. Jones-Webb. Alcohol Res. Group Emeryville CA 94608
- 189-M-511 POTENTIAL ASSOCIATIONS OF OFFSPRING DRINKING PATTERNS TO MATERNAL ALCOHOL INTAKE DURING PREGNANCY** M.A. Schuckit; T.L. Smith; H. Edenberg; V. Hesselbrock; K.K. Bucholz; D.M. Dick; S. Kuperman UCSD, La Jolla, CA 92037, Indiana Univ., Indianapolis, IN 46202, UConn, Farmington, CT 06030, Washington Univ., St Louis, MO 63110, VCU, Richmond, VA 23298, U of Iowa Iowa City IA 52242
- 190-M-512 ADDICTION ETIOLOGY ACCORDING TO CURRENT ADDICTION SCIENTISTS** R.R. Hammer; J.E. Ostergren; B.A. Koenig; J.B. McCormick. Mayo Clinic Dept. of Bioethics, Univ. of California Dept. of Social and Behavioral Sciences Inst. for Health and Aging, and Mayo Clinic College of Med. Rochester MN 55902

2012 RSA SCHEDULE OF POSTERS

MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

8. CONSEQUENCES OF ALCOHOL CONSUMPTION IN HUMANS (Poster Numbers 191-224 / Abstract Numbers 513-546)

a. Health harms / benefits (more on Sunday)

- 191-M-513 DATING VIOLENCE, ALCOHOL, AND OTHER DRUG USE AMONG ADOLESCENTS AND YOUNG ADULTS** V Singh, MA Walton, L Whiteside, Q Epstein-Ngo, ST Chermack, RM Cunningham Univ. of Michigan Injury Ctr., Ann Arbor, MI 48105 Univ. of Michigan Addiction Res. Ctr. Ann Arbor MI 48109
- 192-M-514 HIGH-RISK DRINKING IN FIRST-YEAR COLLEGE STUDENTS: PATTERNS OF ALCOHOL AND ENERGY DRINK COCKTAIL CONSUMPTION.** M. Marzell; A.E. Ray; R. Turrisi Prevention Res. Ctr., Pacific Inst. For Res. And Evaluation Berkeley CA 94704
- 193-M-515 THE SUBJECTIVE PHYSIOLOGICAL, PSYCHOLOGICAL, AND BEHAVIOURAL RISK-TAKING CONSEQUENCES OF ALCOHOL AND ENERGY DRINK CO-INGESTION** A. Peacock; R. Bruno; F. Martin School of Psychology, Univ. of Tasmania, Hobart, Tasmania Australia 7001
- 194-M-516 ENHANCED ACUTE TOLERANCE TO SUBJECTIVE EFFECTS WHEN ALCOHOL IS COMBINED WITH ENERGY DRINKS.** C.A. Marczynski; M.T. Fillmore, A.L. Henges; M. Gannon; M.A. Ramsey; C.R. Young Northern Kentucky Univ., Dept. of Psychological Science Highland Heights KY 41099
- 195-M-517 PATTERNS OF ALCOHOL USE AND EXPECTANCIES PREDICT SEXUAL RISK TAKING IN A COMMUNITY SAMPLE OF SOCIAL DRINKING WOMEN** J. Norris; C. A. Stappenbeck; P. A. Kiekel; D. M. Morrison; W. H. George; K. C. Davis; T. Zawacki; D. A. Abdallah; A. J. Jacques-Tiura Univ. of Washington, Alcohol and Drug Abuse Inst. Seattle WA 98105
- 196-M-518 LONGITUDINAL ASSOCIATIONS BETWEEN PROBLEMATIC ALCOHOL USE AND RISKY SEXUAL BEHAVIOR FROM ADOLESCENCE TO ADULTHOOD.** R.E. O'Hara; M.L. Cooper. Univ. of Missouri Columbia MO 65211
- 197-M-519 THE EFFECT OF HEAVY ALCOHOL USE ON HIV VIREMIA DETECTABILITY AND CD4 COUNT AMONG A CLINICAL COHORT OF HIV-INFECTED MEN WHO HAVE SEX WITH MEN (MSM)** M.R. Skeer; M.J. Mimiaga; K.H. Mayer; C. O'Cleirigh; S.A. Safren. Tufts Univ. School of Med., Dept. of Public Health and Community Med., Boston, MA 02111, Fenway Health/TFI, Boston, MA 02215, Brown Univ. CAAS Providence RI 02912
- 198-M-520 ALCOHOL CONSUMPTION AND UNPROTECTED SEXUAL INTERCOURSE IN YOUNG ADULT FEMALE EMERGENCY DEPARTMENT PATIENTS.** B. Suffoletto; J Calabria. Univ. of Pittsburgh, School of Med. Pittsburgh NY 15213
- 199-M-521 ALCOHOL USE AND WOMEN'S SEXUAL BEHAVIORS; RETHINKING HIV RISK FACTORS IN AN EMERGENCY DEPARTMENT AT THE US/MEXICO** R Woolard, M Parsa, D Corgan, P Chisholm, L Montgomery, S Lee, P Tarwater Texas Tech Univ. Health Sciences Ctr., El Paso TX 79905
- 200-M-522 THE ROLE OF HAZARDOUS DRINKING AND CRACKCOCAINE USE IN EXCHANGING SEX AMONG INNER-CITY WOMEN** C. Yang; M. Davey-Rothwell; C. Latkin Dept. of Health, Behavior and Society, Johns Hopkins Bloomberg School of Public Health Baltimore MD 21205
- 201-M-523 EXPLORING THE RELATIONSHIP BETWEEN ALCOHOL CONSUMPTION, BMI AND RESTRAINED EATING ATTITUDES: IMPLICATIONS FOR DIABETES RISK.** J.M. Cronce; T.E. Herring; C.M. Lee. Univ. of Washington, School of Med., Dept. of Psychiatry and Behavioral Sciences Seattle WA 98195
- 202-M-524 A LATENT CLASS APPROACH TO CHARACTERIZING ADOLESCENTS WHO PLAY DRINKING GAMES: ARE ALL GAMERS ALIKE?** B.L. Zamboanga; J.V. Olthuis; K. Van Tyne; Z. Zadworny; B. Borsari; N.J. Horton; C.J. Correia; J.R. Grossbard. Smith Coll., Dept. of Psychology Northampton MA 01063
- 203-M-525 ALCOHOL USE AND PSYCHOSOCIAL FACTORS ASSOCIATED WITH DEPRESSION SEVERITY IN PREGNANT ADOLESCENTS.** G. K. Tzilos; C. Zlotnick; C. Raker; C. Kuo; M. Phipps. Brown Univ., Women and Infants Hosp. Providence RI 02906
- 204-M-526 CRITICAL INFLUENCE OF PREVIOUS ALCOHOL CONSUMPTION ON ISCHEMIC STROKE AND THROMBOLYSIS** E. Lemarchant; M. Gauberti; H. Villain; Y. Repesse; D. Vivien; C. Ali; M. Rubio INSERM U919 Caen 14074 (France)
- 205-M-527 A MODEL OF TRAIT-BASED AFFECTIVE PROCESSES IN ALCOHOL-INVOLVED RISK BEHAVIOR AMONG COLLEGE STUDENTS** T. B. Wraya, J. S. Simonsa, R. D. Dvorakb, & R. M. Gahera aDept. of Psychology, The Univ. of South Dakota, Vermillion, SD bDept. of Psychiatry and Human Behavior, Alpert Med. School, Brown Univ., Providence, RI
- 206-M-528 ALCOHOL MEDIATION ROLE IN THE RELATIONSHIP BETWEEN PERSONALITY AND INTERNET USE** C.S. Koo; A. Dir; M. A. Cyders Indiana Univ.-Purdue Univ. Indianapolis, Dept. of Psychology Indianapolis IN 46202

b. Perceptual-motor

- 207-M-529 INTERACTIVE EFFECTS OF AGING AND ALCOHOL CONSUMPTION ON SIMULATED DRIVING** Boissoneault, J., Sklar, A.L., Lincoln, L., Prather, R., and Nixon, S.J. Dept. of Psychiatry, Univ. of Florida, Gainesville FL 32610
- 208-M-530 COMPARATIVE ANALYSIS OF GAIT AND BALANCE IN INDIVIDUALS WITH AN ALCOHOL USE DISORDER AND HEALTHY CONTROLS** T.P. Schmidt; D.L. Pennington; T.C. Durazzo; C. Abe; A. Mon; D.J. Meyerhoff Ctr. for Imaging of Neurodegenerative Diseases, DVA Med. Ctr., Univ. of California San Francisco CA 94121

2012 RSA SCHEDULE OF POSTERS

MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

8. CONSEQUENCES OF ALCOHOL CONSUMPTION IN HUMANS - Cont'd (Poster Numbers 191-224 / Abstract Numbers 513-546)

b. Perceptual-motor - cont'd

- 209-M-531 GAIT AND BALANCE DEFICITS IN CHRONIC ALCOHOLICS: NO EVIDENCE OF IMPROVEMENT AT 9 MONTHS ABSTINENCE** D. Greenstein; G. Fein
Neurobehavioral Res. Inc Honolulu HI 96814
- 210-M-532 RELATIONSHIP BETWEEN SUBJECTIVE RESPONSE TO ALCOHOL AND RESPONSE INHIBITION IN ALCOHOL DEPENDENT INDIVIDUALS**
J.R. Ashenurst, N.R. Moallem, S. Bujarski, A. Sheng, M. Avila, L.A. Ray. UCLA, Dept. of Psychology Los Angeles CA 90095
- 211-M-533 DIFFERENTIAL EFFECTS OF ALCOHOL ON CONTRAST PROCESSING MEDIATED BY THE MAGNOCELLULAR AND PARVOCELLULAR PATHWAYS**
D. Cao¹, X. Zhuang¹, P. McNamara², A. King² ¹Ophthalmology & Visual Sciences, Univ. of Illinois at Chicago, Chicago, IL 60612 ²Psychiatry and Behavioral Neuroscience, The Univ. of Chicago Chicago IL 60637

c. Medical

- 212-M-534 COMORBID ALCOHOL ABUSE AND AFFECTIVE DISORDERS: INDEPENDENT AND CUMULATIVE IMPACT ON VIRAL LOADS AND VIRAL SUPPRESSION IN HIV-POSITIVE OUTPATIENTS** J. M. Hormes, .K. R. Gerhardstein & P. T. Griffin Comprehensive Alcohol Res. Ctr. & School of Med., Louisiana State Univ. Health Sciences Ctr. New Orleans LA 70112
- 213-M-535 BLOOD ALCOHOL LEVEL, ALCOHOL USE DISORDER, AND POISONING SEVERITY IN DELIBERATE SELF-POISONING CASES** TJ Wiegandab, RM Gorodetskyac, KR Connerad aUniv. of Rochester Med. Ctr., bSUNY Upstate Poison Control Ctr., acD'Youville School of Pharmacy, dVA VISN 2 Ctr. of Excellence for Suicide Prevention
- 214-M-536 UGANDA, RUSSIA, BOSTON ALCOHOL NETWORK FOR ALCOHOL RESEARCH COLLABORATION ON HIV/AIDS (URBAN ARCH) CONSORTIUM**
J.H. Samet; R. Saitz; J. Hahn; D.M. Cheng; M. Freiberg; E.M. Krupitsky Boston Med. Ctr., Boston, MA 02118 Pavlov State Med. Univ., St Petersburg, Russia Mbarara Univ. of Science and Technology, Mbarara, Uganda
- 215-M-537 FLORIDA CONSORTIUM FOR HIV/AIDS AND ALCOHOL-RELATED RESEARCH TRIALS: FOCUS ON WOMEN, IMMUNOLOGY, AND TREATMENT INTERVENTIONS** R.L. Cook; M.J. Miguez; X. Burbano; J Lewis; S. Desai Univ. of Florida, Gainesville FL, Florida International Univ., Miami, FL, Univ. of Miami, Miami, FL, Rush Univ., Chicago, IL
- 216-M-538 CONSORTIUM TO IMPROVE OUTCOMES IN HIV/AIDS, ALCOHOL, AGING & MULTI-SUBSTANCE USE (COMPAAAS)** D.A. Fiellin, A.C. Justice, R.S. Braithwaite Yale Univ. School of Med. New York Univ. School of Med.

d. Other

- 217-M-539 SUBJECTIVE INTOXICATION IS BETTER PREDICTED BY DEFICITS IN MOTOR THAN BY COGNITIVE PERFORMANCE MEASURED IN A FIELD SETTING**
M.A. Celio; J.M. Usala; S.A. Lisman; G.E. Johansen; L.P. Spear Binghamton Univ. (SUNY), Dept. of Psychology Binghamton NY 13902
- 218-M-540 COMPARISON OF SELF-REPORTED AND OBJECTIVE MEASURES OF SLEEP QUALITY AND DURATION IN AN INPATIENT ALCOHOLISM TREATMENT PROGRAM.** A. Todaro, M. Krumlauf, B. Whiting, R. Clark, and G. Wallen. National Insts. of Health, Clinical Ctr. Bethesda MD 20892
- 219-M-541 CONCURRENT EATING DISORDERS & SUBSTANCE USE: THE ASSOCIATION BETWEEN ALCOHOL USE, EATING DISORDER SYMPTOMS AND SYMPTOM SEVERITY.** I.A. Antony, A.L. Goldstein V.Ho., & J. Hambley Univ. of Toronto, Toronto, Ontario, M5S 1V6 Bellwood Health Services, Toronto, ON M1W 2J6
- 220-M-542 IMPULSIVITY: A CAUSE OR CONSEQUENCE OF ALCOHOL USE?** A. J. Kaiser, J. A. Bonsu, R. J. Charnigo, & R. Milich Univ. of Kentucky, Dept. of Psychology Lexington KY 40506
- 221-M-543 PROSPECTIVE INFLUENCES OF POSITIVE DRINKING CONSEQUENCES ON HEAVY DRINKING.** A. Park; J. Kim; M. E. Sori Syracuse Univ., Dept. of Psychology and Ctr. for Health and Behavior Syracuse NY 13244
- 222-M-544 THE USE OF PROTECTIVE BEHAVIORAL STRATEGIES WHILE DRINKING AMONG STUDENTS ACCESSING COLLEGE COUNSELLING SERVICES: THE MODERATING ROLE OF ANXIETY.** L. E. Napper, J. W. LaBrie, J. F. Hummer, and A. Stern Loyola Marymount Univ., Dept. of Psychology Los Angeles CA 90045
- 223-M-545 BINGE DRINKING AND HOOKUP FREQUENCY AS PROSPECTIVE PREDICTORS OF SUBSTANCE-FACILLITATED RAPE IN COLLEGE WOMEN** A.L. Brown; R.M. Ward; T.L. Messman-Moore Miami Univ. Oxford OH 45056
- 224-M-546 CORTISOL AWAKENING RESPONSE DURING DETOXIFICATION DIFFERS IN PATIENTS WITH PSYCHIATRIC COMORBIDITY** NJ Kalk, MJR Newson, R Cherian, M Naveed, El Rabiner, K Dar, AR Lingford-Hughes Max Glatt Unit, Central North West London NHS Foundation Trust, Southall UB1 3EU, UK Neuropsychopharmacology Unit, Imperial College London, London W12 ONN, UK

2012 RSA SCHEDULE OF POSTERS

MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

9. PREVENTION

(Poster Numbers 225-244 / Abstract Numbers 547-566)

a. Environmental risk assessment (community, family, work, college)

- 225-M-547 DAILY VARIATIONS IN COLLEGE STUDENT SPRING BREAK TRIP CONTEXTS AND ALCOHOL AND SEXUAL BEHAVIORS** M. E. Patrick; C. M. Lee. Univ. of Michigan Ann Arbor MI 48106
- 226-M-548 TAILGATING AS A SUB-TYPE OF PREGAMING IN A SAMPLE OF MANDATED COLLEGE STUDENTS.** J.T.P Hustad; B. Borsari; R.I Urwin; N.R. Mastroleo; S. Zeman; L. LaSalle Pennsylvania State Univ. College of Med. Hershey PA 17033
- 227-M-549 WHERE YOU LIVE MATTERS. THE IMPORTANCE OF LIVING ARRANGEMENTS ON SELF-ESTEEM AND HAZARDOUS DRINKING BEHAVIORS** Roemer, A. & Walsh, Z. Univ. of British Columbia, Kelowna, BC V1V 1V7 Canada
- 228-M-550 THE ROLE OF RESIDENCE HALL CHARACTERISTICS AND POLICIES IN HIGH-RISK DRINKING BY COLLEGE STUDENTS.** M. Wolfson, K. Egan, E. Song, A. Lentz, T. McCoy. Wake Forest School of Med., Winston-Salem NC 27157
- 229-M-551 A BEHAVIORAL ECONOMIC ANALYSIS OF THE EFFECT OF NEXT-DAY RESPONSIBILITIES ON DRINKING** L. Gilbert; A. M. Yurasek; J. G. Murphy Univ. of Memphis, Memphis TN 38152
- 230-M-552 ALCOHOL INEBRIATION, DRUG USE AND RELATED WORK PROBLEMS AMONG RESTAURANT EMPLOYEES** G.M Ames, R. S. Moore, C. B. Cunradi Pacific Inst. for Res. and Evaluation Berkeley CA 94704
- 231-M-553 FEASIBILITY OF USING INTERACTIVE VOICE RESPONSE TO STUDY DAILY PROCESSES IN ALCOHOLIC FAMILIES** J. A. Cranford, H. Tennen, M. Y. Ivanova, L. Chen, S. Strobbe, K. J. Brower, and R. A. Zucker Addiction Res. Ctr. and Substance Abuse Sec., Dept. of Psychiatry, Univ. of Michigan Ann Arbor MI 48105
- 232-M-554 DRINKING CONTEXT AND INTIMATE PARTNER VIOLENCE: EVIDENCE FROM THE CALIFORNIA COMMUNITY HEALTH STUDY OF COUPLES.** C. B. Cunradi, C. Mair, M. Todd, L. Remer Prevention Res. Ctr., Pacific Inst. for Res. & Evaluation Berkeley CA 94704
- 233-M-555 INTIMATE PARTNER VIOLENCE AMONG CALIFORNIA COUPLES: ALCOHOL OUTLETS, DRINKING, AND PARTNER CHARACTERISTICS.** C. B. Cunradi, M. Todd, C. Mair, L. Remer. Prevention Res. Ctr., Pacific Inst. for Res. and Evaluation Berkeley CA 94704
- 234-M-556 DO PSYCHOSOCIAL CHARACTERISTICS AND INTOXICATION FREQUENCY MEDIATE THE RELATIONSHIP BETWEEN ADVERSE CHILDHOOD EXPERIENCES AND INTIMATE PARTNER VIOLENCE?** C. Mair; C. B. Cunradi; M. Todd Univ. of California Berkeley School of Public Health, Berkeley, CA 94704 and Prevention Res. Ctr., Pacific Inst. for Res. and Evaluation Berkeley CA 94704
- 235-M-557 HOT SPOTS FOR VIOLENCE, ALCOHOL OUTLETS AND DRUG ARRESTS IN BOSTON.** R.I. Lipton, X. Yang. A. Braga. Univ. of Michigan Injury Ctr., MIT Department of Economics, Harvard Univ. Dept. of Sociology
- 236-M-558 WITHDRAWN**

b. School and other individual-based interventions

- 237-M-559 PREVENTION TARGETING INDIVIDUALIZED MISPERCEPTIONS OF PEER USE OF ALCOHOL AND MARIJUANA IN A GENERAL MIDDLE SCHOOL POPULATION** M. D. Krank, A. Goldstein, Z. Walsh, and S. Stewart The Univ. of British Columbia, Kelowna, BC, Canada
- 238-M-560 BEING ADEPT: A PREVENTION PROGRAM FOR YOUTH SUBSTANCE USE IN MARIN COUNTY** D.E. Ramo; J.S. Grelman; I. Bikszar; J. Schmitt; N. Bekman; S.A. Brown Univ. of California, San Francisco San Francisco CA 94143
- 239-M-561 DISMANTLING PERSONALIZED FEEDBACK INTERVENTIONS FOR COLLEGE STUDENT DRINKING.** A.E. Ray; H.R. White; E.Y. Mun; M.E. Larimer; N. Clarke. Rutgers Univ., Ctr. of Alcohol Studies Piscataway NJ 08854
- 240-M-562 USING ITEM RESPONSE THEORY ANALYSIS TO CREATE LATENT ALCOHOL PROBLEM SCORES FOR COLLEGE STUDENTS FROM MULTIPLE SCALES.** White; E.-Y. Mun; A.E. Ray; Y. Jiao; Y. Huo; J. de la Torre; S.-Y. Kim Rutgers Univ., Ctr. of Alcohol Studies Piscataway NJ 08854
- 241-M-563 ADOLESCENT DATING VIOLENCE AND ALCOHOL USE TRAJECTORIES IN THE YEAR FOLLOWING A BRIEF INTERVENTION IN THE EMERGENCY DEPARTMENT.** MA Walton, L Whiteside, ST Chermack, MA Zimmerman, JT Shope, CR Bingham, FC Blow, RM Cunningham. Univ. of Michigan Addiction Res. Ctr. and Injury Res. Ctr. Ann Arbor MI 48109

c. Organization and community-based interventions

- 242-M-564 CORRELATION BETWEEN ASSIST SCORE AND 30 MONTH MORTALITY: RESULTS FROM A SAMPLE OF ALCOHOL USERS PRESENTING TO THE EMERGENCY DEPARTMENT** J. Akin; L. Cochran; A. Woychek; J.A. Johnson; J.P. Seale; G. Kuperminc. Georgia State Univ., Dept. of Psychology Atlanta GA 30302
- 243-M-565 KIOSK-BASED PRENATAL SCREENING AND INTERVENTION FOR ALCOHOL AND SWEETENED BEVERAGES.** M. Nayak, L. Avalos, L. Kaskutas, & J. Witbrodt Alcohol Res. Group Emeryville CA 94608
- 244-M-566 EFFECTS OF A MULTI-COMPONENT RESPONSIBLE BEVERAGE SERVICE PROGRAM ON VIOLENT ASSAULTS IN SWEDEN** B. Trollidal; M.J. Paschall; H. Leifman Karolinska Inst.t, Dept. of Clinical neuroscience, STAD, SE-102 31 Stockholm, Sweden

2012 RSA SCHEDULE OF POSTERS

MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

10. TREATMENT / RECOVERY

(Poster Numbers 245-288 / Abstract Numbers 567-610)

a. Assessment and Diagnosis (more on Tuesday)

- 245-M-567 THE UTILITY OF CARBOHYDRATE-DEFICIENT TRANSFERRIN, MEASURED USING THE N-LATEX ASSAY, IN A SAMPLE OF SOCIAL DRINKERS AND ALCOHOL DEPENDENT INDIVIDUALS** J. M. Murdoch, J.S. Gill, H.I.M. Davidson and J. Chick School of Health Sciences, Queen Margaret Univ., Edinburgh, Scotland EH 21 6UU
- 246-M-568 ETHYLGLUCURONIDE EXCRETION, FACTS AND MYTHS: RESULTS OF A DOSE RANGING ALCOHOL CHALLENGE STUDY.** P. Jatlow, A. Agro, B. Toll, H. Nadim, R. Wu, E. LaVelle, C. Nogueira, J. Dziura, I. Petrakis, S. O'Malley Yale Univ. School of Med. New Haven CT 06511
- 247-M-569 DETECTION OF ALCOHOL USE BY A TRANSDERMAL ALCOHOL MONITOR DIFFERS ACCORDING TO GENDER AND NUMBER OF DRINKS** N.P. Barnett and E.B. Meade Ctr. for Alcohol and Addiction Studies, Brown Univ. Providence RI 02912
- 248-M-570 CHANGES IN AUDIT-C SCORES REFLECT CHANGES IN DRINKING-RESULTS OF A BIOMARKER STUDY** K.A. Bradley, A.D. Rubinsky, G.T. Lapham, E.C. Williams, D.H. Au, D.K. Blough, D. Berger, L.J. Chavez, E.J. Hawkins Group Health Res. Inst., Seattle, WA 98101 and VA Puget Sound, Health Services Res. & Development Ctr. of Excellence Seattle WA 98101
- 249-M-571 DIRECT ALCOHOL BIOMARKERS AS TOOLS TO GUIDE MEANINGFUL INTERVENTIONS WHILE MONITORING REPEAT INTOXICATED DRIVERS IN KENOSHA COUNTY.** P. Bean; G. Brown; D. Lewis. Millennium Strategies, Madison, WI, Hope Council on Alcohol and Other Drug Abuse, Kenosha, WI and United States Drug Testing Labs. (USDTL), Des Plaines, IL
- 250-M-572 ESTABLISHING EVIDENCE-BASED PRACTICES USING TWO DIRECT ALCOHOL BIOMARKERS IN REPEAT INTOXICATED DRIVERS IN KENOSHA COUNTY.** P. Bean, D. Lewis, G. Brown. Millennium Strategies, Madison, WI, United States Drug Testing Laboratories, Inc (USDTL) Des Plaines, IL, and Hope Council on Alcohol and Other Drug Abuse, Kenosha, WI
- 251-M-573 PHOSPHATIDYLETHANOL (PETH) IS AN ALCOHOL BIOMARKER AND ANTIGENIC METABOLITE** P.O. Neilsen, P.W. Rzepecki, L.J. Johnson, and C.A. Testa Echelon Biosciences, Salt Lake City UT 84108
- 252-M-574 DETECTION OF SELF-REPORTED SUBSTANCE USE: A COMPARISON OF ALCOHOL AND COCAINE BIOMARKERS** M.G. McDonell, F. N. Angelo, J. M. Lowe, D. Srebniak, S. McPherson, J. Roll, R.K. Ries Univ. of Washington, Harborview Med. Ctr.
- 253-M-575 THE ABILITY OF SINGLE SCREENING QUESTIONS FOR UNHEALTHY ALCOHOL AND OTHER DRUG USE TO IDENTIFY SUBSTANCE DEPENDENCE IN PRIMARY CARE** R Saitz, DM Cheng, D Allensworth-Davies, M Winter, PC Smith Boston Med. Ctr. and Boston Univ. Schools of Med. and Public Health Boston MA 02118
- 254-M-576 VALIDATION OF THE ASSIST FOR DETECTING AT-RISK ALCOHOL USE IN URGENT CARE CLINICS** J.W. Peterson, J. A. Johnson, A. Lee, J.P. Seale Mercer Univ. School of Med. Macon GA 31206
- 255-M-577 FACTORS ASSOCIATED WITH REPEATED NEGATIVE ALCOHOL SCREENS: IS ANNUAL ALCOHOL SCREENING UNNECESSARY FOR SOME VA PATIENTS?** G.T. Lapham, A.D. Rubinsky, E.C. Williams, C. Maynard, P. Heagerty, D.R. Kivlahan, D.H. Au, K.A. Bradley Dept of Veterans Affairs, Health Services Res. & Development, Seattle, WA 98101, Univ. of Washington, Dept of Health Services, Seattle, WA 98104, Group Health Res. Inst. Seattle WA 98101
- 256-M-578 SCREENING PATIENTS WITH SOCIAL ANXIETY DISORDER USING THE DRINKING MOTIVES QUESTIONNAIRE.** S.W. Book1; P.M. Miller1; S.E. Thomas1; J.P. Smith1; P.K. Randall1; G.A. Bernstein2; S.M. Specker2; M.G. Kushner2; C.L. Randall1. 1Charleston Alcohol Res. Ctr., Med. Univ. of South Carolina, Charleston, SC, 2Univ. of Minnesota, Minneapolis, MN
- 257-M-579 ASSESSING YOUTH PARTICIPATION IN AA-RELATED HELPING: VALIDITY OF THE SERVICE TO OTHERS IN SOBRIETY (SOS) QUESTIONNAIRE IN AN ADOLESCENT SAMPLE.** M.E. Pagano; J.F. Kelly; M.D. Scur; R. Ionescu; R.R. Carter; R.L. Stout; S.G. Post Case Western Reserve Univ., School of Med., Dept. of Psychiatry, Div. of Child and Adolescent Psychiatry Cleveland OH 44106
- 258-M-580 GENDER DIFFERENCES IN DSM-IV ALCOHOL USE DISORDER CRITERIA IN A REPRESENTATIVE SAMPLE OF NON-COLLEGE AGED YOUNG ADULTS: IMPLICATIONS FOR DSM-V** B.T. Hagman; A.M. Cohn Univ. of South Florida, Dept. of Mental Health Law and Policy Tampa FL 33612
- 259-M-581 VALIDITY OF PROPOSED CRITERIA FOR DSM-5 NICOTINE USE DISORDER AND RELATIONSHIP TO ALCOHOL TRAITS IN 734 ISRAELI LIFETIME SMOKERS.** D. Shmulewitz; M.M. Wall; E. Aharonovich; D. Hasin. Columbia Univ. and New York State Psychiatric Inst. New York NY 10032
- 260-M-582 MEASURING AVERAGE ALCOHOL CONSUMPTION: COMPARISON OF A BRIEF DRINKING QUESTIONNAIRE TO AN ABBREVIATED VERSION OF FORM 90.** M.L. Ryan; J.E. Fertig; D.E. Falk; R.Z. Litten National Inst. on Alcohol Abuse and Alcoholism Bethesda MD 20892

b. Psychotherapy (more on Sunday)

- 261-M-583 HOW EFFECTIVE IS CONTINUING CARE FOR SUBSTANCE USE DISORDERS? A META-ANALYTIC REVIEW.** J.C. Blodgett; N.C. Maisel; I.L. Fuh; P.L. Wilbourne; J.W. Finney. Ctr. for Health Care Evaluation, VA Palo Alto Health Care System (152 MPD), Menlo Park CA 94025
- 262-M-584 DO SPOUSES UNDERSTAND HOW THEIR PARTNERS WANT THEM TO CHANGE? PERCEPTUAL ACCURACY OF ALCOHOLIC FEMALE AND ALCOHOLIC MALE COUPLES IN THERAPY** D.A. Gray; E.E. Epstein; B.S. McCrady; S. Cook Ctr. of Alcohol Studies, Rutgers, The State Univ. of New Jersey Piscataway NJ 08854

2012 RSA SCHEDULE OF POSTERS

MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

10. TREATMENT / RECOVERY - Cont'd (Poster Numbers 245-288 / Abstract Numbers 567-610)

b. Psychotherapy - cont'd (more on Sunday)

- 263-M-585 WITHIN-TREATMENT DRINKING URGES: THE IMPORTANCE OF DRINKING QUANTITY AND TIME SINCE ATTENDING TREATMENT SESSIONS** K. A. Hallgren, E. E. Epstein, & B. S. McCrady Ctr. on Alcoholism, Substance Abuse, and Addictions, Univ. of New Mexico, Albuquerque NM 87106
- 264-M-586 ONE-YEAR OUTCOMES OF GROUP COGNITIVE BEHAVIORAL THERAPY FOR DEPRESSION IN RESIDENTIAL ALCOHOL AND OTHER DRUG TREATMENT CLIENTS** K. A. Hepner; S. B. Hunter; S. M. Paddock; B. A. Munjas; K. E. Watkins RAND Corporation Santa Monica CA 90407
- 265-M-587 A PILOT STUDY OF INTERPERSONAL PSYCHOTHERAPY (IPT) FOR ALCOHOL DEPENDENT WOMEN WITH CO-OCCURRING MAJOR DEPRESSION** S.A. Gamble; N.L. Talbot; S.M. Cashman-Brown; H. He; G.J. Connors; K.R. Conner Univ. of Rochester Med. Ctr., Dept. of Psychiatry Rochester NY 14642
- 266-M-588 THERAPIST COMPETENCE AS A PREDICTOR OF BEHAVIOR CHANGE FOR PATIENTS IN BEHAVIORAL TREATMENT FOR ALCOHOLISM.** M.P. Karno; R. Longabaugh UCLA Integrated Substance Abuse Progs., Los Angeles, CA 90025; Brown Univ. Ctr. for Alcohol and Addiction Studies Providence RI 02906
- 267-M-589 IDENTIFYING MULTIPLE MECHANISMS OF CHANGE IN ALCOHOLISM TREATMENT** P. R. Stasiewicz & C. M. Bradizza Univ. at Buffalo, Res. Inst. on Addictions, Buffalo NY 14203
- 268-M-590 THE ROLE OF PHYSICAL HEALTH PROBLEMS ON TREATMENT OUTCOMES FOR VETERANS IN TREATMENT FOR CO-OCCURRING DEPRESSION AND ALCOHOL/SUBSTANCE DEPENDENCE** S. R. Tate, J. C. Tripp, & R. S. Trim VA San Diego Healthcare System San Diego CA 92161
- 269-M-591 SOCIAL NETWORK CHARACTERISTICS AND MOTIVATION TO ABSTAIN FROM ALCOHOL AND MARIJUANA AMONG ADOLESCENT SUBSTANCE USERS IN TREATMENT.** L. Sealy; C. Ruglovsky; J. Schall; M. Abraham; E. Okunuga; S. A. Maisto; T. Chung. Univ. of Pittsburgh Pittsburgh PA 15213
- 270-M-592 LISTENING TO YOUTH: ADOLESCENTS' SELF-REPORTED REASONS FOR ALCOHOL AND DRUG USE AS A UNIQUE PREDICTOR OF TREATMENT RESPONSE AND OUTCOME** S.J. Dow; J.F. Kelly Harvard Med. School/Massachusetts General Hosp.
- 271-M-593 HOW DO JUSTICE-SYSTEM INVOLVED ADOLESCENTS FARE IN OUTPATIENT ALCOHOL AND DRUG TREATMENT?** J. F. Kelly, J. D. Yeterian, J. J. Kim Harvard Med. School/Massachusetts General Hosp.
- 272-M-594 SELF-EFFICACY AND COPING RESPONSE IN THE TREATMENT OF ADOLESCENT ALCOHOL USE DISORDERS** Burleson, J. A., Kaminer, Y., & Burke, R. H. Alcohol Res. Ctr., Univ. of Connecticut Health Ctr. Farmington CT 06030
- 273-M-595 TRACKING ADOLESCENTS' SESSION-TO-SESSION CHANGE IN MOTIVATION TO ABSTAIN FROM ALCOHOL AND MARIJUANA IN COMMUNITY-BASED TREATMENT** C. Renzelli; S. A. Maisto; L. Sealy; T. Chung. Gateway Rehabilitation Ctr., Moon Twp, PA 15108, Univ. of Pittsburgh Pittsburgh PA 15213
- 274-M-596 PRELIMINARY EFFICACY OF A SINGLE GENDER FEMALE-SPECIFIC COGNITIVE-BEHAVIORAL THERAPY (CBT) GROUP THERAPY FOR ALCOHOL DEPENDENT WOMEN** E. E. Epstein, B. S. McCrady*, T. Hildebrandt**, N. Jensen, S. Cook & A. Gaba Ctr. of Alcohol Studies, Rutgers Univ., *Ctr. on Substance Abuse, Alcoholism and Addiction, Univ. of New Mexico, **Dept. of Psychiatry, Mount Sinai School of Med.
- 275-M-597 THE WOMEN'S RECOVERY GROUP STUDY: GENDER AND ALCOHOL USE CHARACTERISTICS** S. F. Greenfield; D. Sugarman; J. Kaufman; G. Bailey; H. Connery; M. Crisafulli; G. Fitzmaurice; C. Freid; M. Rapoza; J. Rodolico Harvard Med. School/McLean Hosp. Belmont MA 02478

c. Brief Intervention (more on Tuesday)

- 276-M-598 IMPACT OF A PERFORMANCE MEASURE FOR BRIEF ALCOHOL INTERVENTION ON GENDER DIFFERENCES IN ALCOHOL-RELATED CARE IN THE VETERANS AFFAIRS HEALTHCARE SYSTEM** E. C. Williams; G. T. Lapham; A. D. Rubinsky; S. Rittmueller; L. J. Chavez; K.A. Bradley. Dept of Veterans Affairs, HSR&D, SUD QuERI, Seattle, WA 98101 Univ. of Washington, Dept of Health Services, Seattle, WA 98104 Group Health Res. Inst. Seattle WA 98101
- 277-M-599 RATES OF ALCOHOL MISUSE AND FOLLOW-UP CARE AMONG OEF/OIF VETERANS IN VA: ASSOCIATIONS WITH SUBSTANCE USE DISORDERS AND PTSD** J.R. Grossbard, E.J. Hawkins, G.T. Lapham, E.C. Williams, A.D. Rubinsky, L.J. Chavez, K.A. Bradley Dept. of Veterans Affairs, VA Puget Sound, Health Services Res. & Development, and SUD QuERI Seattle WA 98101
- 278-M-600 FEASIBILITY AND ACCEPTABILITY OF A PROGRAM TO PROMOTE MEDICATION TAKING AND SUBSTANCE USE REDUCTION, STEP-BY-STEP** D.S. Finnell, N.B. McGillicuddy, J.F. Lucke, J.E. Bormann, S.A. Maisto VA Western New York Healthcare System Buffalo NY 14215
- 279-M-601 THERAPEUTIC ASSESSMENT OF PERSONALITY FOR VETERANS IN ALCOHOL AND DRUG TREATMENT: A PILOT STUDY OF A BRIEF INTERVENTION** D.M. Blonigen, A. Wytiaz. Ctr. for Health Care Evaluation, Dept. of Veterans Affairs Palo Alto Health Care System
- 280-M-602 DRINKING REDUCTION IN HIV PRIMARY CARE: A RANDOMIZED TRIAL OF HEALTHCALL, A TECHNOLOGY-BASED ENHANCEMENT TO BRIEF MOTIVATIONAL INTERVIEWING** D. Hasin; E. Aharonovich; E. Greenstein; M. Pavlicova; M. Wainberg; J. Helzer; B. Johnston Columbia Univ. New York NY 10032

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MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

10. TREATMENT / RECOVERY - Cont'd (Poster Numbers 245-288 / Abstract Numbers 567-610)

c. Brief Intervention - cont'd (more on Tuesday)

- 281-M-603 BRIEF ALCOHOL INTERVENTION AMONG HAZARDOUS AND HEAVY DRINKING HIV INFECTED WOMEN** Chander; H.E. Hutton; R.D. Moore; C. B. Thompson; M.E. McCaul Johns Hopkins Univ. School of Med. Baltimore MD 21287
- 282-M-604 CHOOSING A DRINKING GOAL IN MI AMONG HIV PRIMARY CARE PATIENTS: CLINICAL AND DEMOGRAPHIC PREDICTORS.** E. Aharonovich; E. Greenstein; D. Hasin. Columbia Univ. and New York State Psychiatric Inst., New York, NY
- 283-M-605 SINGLE SESSION OF MOTIVATIONAL INTERVIEWING FOR NON-TREATMENT SEEKING ALCOHOL DEPENDENT PATIENTS: AN OPEN LABEL TRIAL** K.F. Lunny; G.A. Bacio; J.N. Webb; A. Heydari; I.Y. Guzman & L.A. Ray Univ. of California, Los Angeles, Dept. of Psychology Los Angeles CA 90095
- 284-M-606 AUDIT-C AS A SCREENING TOOL FOR BRIEF INTERVENTION WITH TRAUMA PATIENTS: CAVEAT EMPTOR** C. Field, J. Jun, L. Marra, A. M. Warren. 1Univ. of Texas at Austin, Health Behavior Res. & Training Inst., 2 Univ. Med. Ctr. at Brackendridge, 3 Baylor Med. Ctr. at Dallas, Trauma Dept.
- 285-M-607 BRIEF SURGICAL ADVICE IS COMPARABLE TO BRIEF INTERVENTION AND SUPERIOR TO STANDARD OF CARE IN REDUCING CONCERNING ALCOHOL USE.** T.J. Esposito; K. Grimley; R. Durazo; R. Harders; H. Ton-That; E. Kovacs; C.R. Schermer. Loyola Univ. Burn and Shock Trauma Inst. Maywood IL 60153
- 286-M-608 INDIVIDUAL AND ORGANIZATIONAL DETERMINANTS OF ALCOHOL SCREENING AND BRIEF INTERVENTION IMPLEMENTATION IN EMERGENCY DEPARTMENTS (SIPS-ED).** P. Deluca; S. Coulton; K. Perryman; M. Bland; P. Cassidy; M. Crawford; E. Gilvarry; C. Godfrey; N. Heather; E. Kaner; J. Myles; D. Newbury-Birch; A. Oyefeso; S. Parrott; R. Patton; T. Phillips; J. Shepherd; R. Touquet; C. Drummond. Dept. of Addictions, Inst. of Psychiatry, King's College London, UK
- 287-M-609 MEDIATOR AND MODERATOR EFFECTS OF A SIGNIFICANT OTHER INVOLVED BRIEF INTERVENTION DELIVERED IN AN EMERGENCY DEPARTMENT** N.R. Mastroleo; M. Magill; N.B. Barnett; S.M. Colby; & P.M. Monti Brown Univ. Providence RI 02912
- 288-M-610 SUSTAIN TALK PREDICTS WORSE OUTCOMES AMONG MANDATED COLLEGE STUDENT DRINKERS RECEIVING A BRIEF MOTIVATIONAL INTERVENTION** T.R. Apodaca^{1,2}, B.E. Borsari^{2,3}, N.P. Barnett², K.M. Jackson², R. Longabaugh², N. R. Mastroleo², & M. Magill² 1Children's Mercy Hosp., Kansas City, MO 64108, 2Brown Univ., Providence, RI 02912, 3Dept. of Veterans Affairs Med. Ctr. Providence RI 02908

11. EPIDEMIOLOGY

(Poster Numbers 289-299/ Abstract Numbers 611-621)

a. Alcohol consumption rates, drinking patterns (more on Sunday and Tuesday)

- 289-M-611 ALCOHOL OR CANNABIS FIRST? DIFFERENCES BY ETHNICITY AND RISK FOR RAPID ONSET OF PROBLEM USE IN WOMEN** C.E. Sartor; A. Agrawal; K.K. Bucholz; A.C. Heath Dept. of Psychiatry, Yale School of Med. New Haven CT 06511
- 290-M-612 AN EXAMINATION OF AGE AT FIRST DRINK AMONG ASIAN AMERICAN ADULTS IN NATIONAL LATINO AND ASIAN AMERICAN STUDY.** S. H. Hsu, L. Cai, Y. Wang, & M. E. Larimer Univ. of Washington, Ctr. for the Study of Health and Risk Behaviors, Dept. of Psychiatry and Behavioral Sciences Seattle WA 98195
- 291-M-613 NEIGHBORHOOD PERCEPTIONS AND ALCOHOL CONSUMPTION AMONG MEXICAN AMERICANS RESIDING IN U.S.-MEXICO BORDER AND NON-BORDER AREAS** P.A.C. Vaeth, R. Caetano, B. Mills, and L.A. Rodriguez. Univ. of Texas, School of Public Health, Dallas Regional Campus
- 292-M-614 CO-OCCURRENCE OF LIFETIME REGULAR ALCOHOL AND CIGARETTE USE AMONG HINDUS, TAMILS, CREOLES, AND MUSLIMS IN MAURITIUS** M.N. Sargeant; A. Raine; P.H. Venables; S.A. Mednick; S.E. Luczak Univ. of Southern California, Dept. of Psychology Los Angeles CA 90089
- 293-M-615 DRINKING, BINGEING, AND MORTALITY: RE-THINKING THE J-SHAPED CURVE** RA Grucza, H Syed-Mohammed, AD Plunk, LJ Bierut Dept. of Psychiatry, Washington Univ. School of Med., St Louis MO 63110
- 294-M-616 PROSPECTIVE ASSOCIATIONS OF PSYCHIATRIC DISORDERS WITH HEAVY DRINKING: A THREE-YEAR FOLLOW UP STUDY** B. Huang*; S.P. Chou; B.F. Grant; S.M. Smith; W.J. Ruan; R.B. Goldstein; H. Zhang; J. Jung; R.P. Pickering. National Insts. of Health, National Inst. on Alcohol Abuse and Alcoholism Bethesda MD 20892
- 295-M-617 GORDIS AWARD FINALIST - PROSPECTIVE DEVELOPMENTAL SUBTYPES OF ALCOHOL DEPENDENCE FROM AGE 18 TO 32 YEARS: IMPLICATIONS FOR NOSOLOGY, ETIOLOGY, AND INTERVENTION.** M.H. Meier; A. Caspi; T.E. Moffitt. Duke Univ., Dept. of Psychology & Neuroscience Durham NC 27708
- 296-M-618 CHANGES IN DRINKING BEHAVIOR DURING PREGNANCY IN KOREAN WOMEN BETWEEN 1997 AND 2008** S.G. Kim; D.W. Kim; E.J. Min; H.K. Kim; H.J. Kim; S.D. Hun Dept. of Psychiatry, Pusan National Univ., Yangsan 626-770, Korea

2012 RSA SCHEDULE OF POSTERS

MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

11. EPIDEMIOLOGY - Cont'd (Poster Numbers 289-299/ Abstract Numbers 611-621)

a. Alcohol consumption rates, drinking patterns - cont'd (more on Sunday and Tuesday)

- 297-M-619 EARLY LIFE EXPOSURE TO VIOLENCE AND SUBSTANCE MISUSE IN ADULTHOOD-THE FIRST BRAZILIAN NATIONAL SURVEY** C.S. Madruga; R. Laranjeira; R. Caetano; M. Zaleski; I. Pinsky; C.P. Ferri National Inst. of Policies on Alcohol and Drugs (INPAD), Departamento de Psiquiatria, Univ. Federal de Sao Paulo, Sao Paulo, Brazil
- 298-M-620 ALCOHOL CONSUMPTION ACROSS THE LIFESPAN: THE FIRST BRAZILIAN NATIONAL SURVEY** C.S.Madruga; R. Laranjeira; I. Pinsky; R. Caetano National Inst. of Policies on Alcohol and Drugs (INPAD), Departamento de Psiquiatria, Universidade Federal de Sao Paulo, Sao Paulo, Brazil
- 299-M-621 ALCOHOL USE AMONG WOMEN OF CHILDBEARING AGE-UNITED STATES, 2006-2010.** C.M. Marchetta; C.H. Denny; R.L. Floyd; L.R. McKnight-Eily; N.E. Cheal; J.E. Sniezek Ctrs. for Disease Control and Prevention, Atlanta, GA 30333 US

12. HEALTH SERVICES (Poster Numbers 300-315/ Abstract Numbers 622-637)

a. Services Utilization

- 300-M-622 OUTPATIENT TREATMENT ENGAGEMENT AND POST-TREATMENT DETOXIFICATION ADMISSIONS: AN EXPLORATION OF RACIAL/ETHNIC DIFFERENCES** A. Acevedo Brandeis Univ., Heller School of Social Policy & Management Waltham MA 02454
- 301-M-623 THE ASSOCIATION OF ALCOHOL AND OTHER DRUG TREATMENT ENGAGEMENT WITH EMPLOYMENT OUTCOMES** R. Dunigan, G.A. Ritter, L. Panas, M.T. Lee, A. Huber, C. Horgan, D.W. Garnick, K. Campbell, A. Acevedo Brandeis Univ., Heller School for Social Policy and Management Waltham MA 02454
- 302-M-624 THE ASSOCIATION OF ALCOHOL AND OTHER DRUG TREATMENT ENGAGEMENT WITH SUBSEQUENT CRIMINAL JUSTICE OUTCOMES** D.W. Garnick, A. Acevedo, K. Campbell, R. Dunigan, C. Horgan, A. Huber, D. Lambert-Wacey M.T. Lee, L. Panas, M. Reynolds, G.A. Ritter, D. Wright Brandeis Univ., Heller School for Social Policy and Management Waltham MA 02454
- 303-M-625 IMPACT OF A SYSTEMS INTERVENTION ON ENGAGEMENT IN ADDICTION TREATMENT** J. A. Johnson, J. Dhaliwala, J. P. Seale Mercer Univ. School of Med. Macon GA 31206
- 304-M-626 CRIMINAL JUSTICE INVOLVEMENT AND ALCOHOL TREATMENT AND TREATMENT NEED: RESULTS FROM A NATIONAL SAMPLE.** B.M. Booth; M.J. Edlund; G.M. Curran; X. Han Veterans Healthcare System, N Little Rock, AR 72114, Psychiatric Res. Inst., Univ of Arkansas, Little Rock, AR 72205, Behavioral Health Epidemiology, RTI International Research Triangle Park NC 27709
- 305-M-627 BARRIERS TO HELP-SEEKING FOR PROBLEM DRINKING/DRUG USE AMONG THE NATIONAL GUARD** G.M. Curran; B.M. Booth; A.M. Cheney Univ. of Arkansas for Med. Sciences Little Rock AR 72205
- 306-M-628 EXAMINING PATTERNS OF SPECIALTY CARE UTILIZATION BY VETERANS WITH SUBSTANCE USE DISORDERS AND PTSD** M. Kulkarni, E. Oliva, C. Timko, J. Trafton, and R. Kimerling Ctr. for Healthcare Evaluation, HSR&D Ctr. of Excellence, VA Palo Alto Health Care System, Menlo Park CA 94025
- 307-M-629 THE EFFECT OF ALCOHOL USE ON UTILIZATION OF MENTAL AND PHYSICAL HEALTH SERVICES.** Sersecion, S., Barrera, A.Z., Chan, M. L. Palo Alto Univ., Pacific Graduate School of Psychology
- 308-M-630 PEDIATRICIAN SCREENING FOR ADOLESCENT SUBSTANCE USE DISORDER RISKS** D.B. Clark; T. A. Ridenour; D. L. Bogen; B. Molina Univ. of Pittsburgh School of Med., Pittsburgh PA 15213
- 309-M-631 INCREASED UTILIZATION OF COMPUTED TOMOGRAPHY IS ASSOCIATED WITH ALCOHOL INTOXICATION IN PATIENTS ADMITTED TO A LEVEL I TRAUMA CENTER FOR ASSAULT** K.J. Psoter; B.S. Roudsari; J.G. Jarvik Univ. of Washington, Dept. of Epidemiology Seattle WA 98195

b. Access to service

- 310-M-632 THE ALCOHOL AND OTHER DRUG TREATMENT WORKFORCE IN MASSACHUSETTS: PERSPECTIVE OF PROGRAM DIRECTORS AND CLINICAL STAFF ON WORK ENVIRONMENT** M. Torres Brandeis Univ., Heller School for Social Policy and Management, Waltham, MA
- 311-M-633 EFFECTIVENESS OF INTEGRATED CHRONIC DISEASE MANAGEMENT FOR CO-OCCURRING SUBSTANCE DEPENDENCE AND MENTAL HEALTH DISORDERS IN A PRIMARY CARE SETTING** T.W. Park; D.M. Cheng; J.H. Samet; M. Winter; R. Saitz. Boston Med. Ctr. and Boston Univ. Schools of Med. & Public Health Boston MA 02118

2012 RSA SCHEDULE OF POSTERS

MONDAY, JUNE 25 ~ ~ ~ 4:00PM - 6:00PM

12. HEALTH SERVICES - Cont'd (Poster Numbers 300-315/ Abstract Numbers 622-637)

b. Access to service - cont'd

- 312-M-634 **IN AN AGE OF PARITY AND HEALTH REFORM: ORGANIZATION AND BENEFITS FOR ALCOHOL AND OTHER DRUG SERVICES IN PRIVATE HEALTH PLANS** C. Horgan, S. Reif, D. Garnick, D. Hodgkin, E. Merrick, A. Quinn, M. Stewart Inst. for Behavioral Health, Heller School for Social Policy and Management, Brandeis Univ. Waltham MA 02454
- 313-M-635 **ORGANIZATIONAL COMMITMENT TO THE USE OF MEDICATIONS FOR THE TREATMENT OF AUDS: UPDATED DATA FROM THE US SPECIALTY TREATMENT SYSTEM (2009-2011)** A.J. Abraham; L.A. O'Brien; P.M. Roman Univ. of Georgia, Owens Inst. for Behavioral Res. Athens GA 30602
- 314-M-636 **ACCESS TO ADDICTION PHARMACOTHERAPY IN PRIVATE HEALTH PLANS** S. Reif, C. Horgan, D. Garnick, D. Hodgkin, E. Merrick, A. Quinn, M. Stewart Inst. for Behavioral Health, Heller School for Social Policy and Management, Brandeis Univ. Waltham MA 02454

c. Health economics

- 315-M-637 **COST OF CO-MORBID MAJOR DEPRESSIVE DISORDER AND ALCOHOL DEPENDENCE AMONG PATIENTS COVERED BY PRIVATE INSURANCE OR MEDICAID** L. Chen; C.J. Wong; K Kale-Wroblewski Eli Lilly and Company Indianapolis IN 46285

13. QUANTITATIVE / COMPUTER METHODS (Poster Numbers 316-321/ Abstract Numbers 638-643)

- 316-M-638 **A COMPARISON OF SEVEN BRAC ESTIMATION METHODS UTILIZING TRANSDERMAL ALCOHOL SENSOR, BREATH ANALYZER, AND DRINKING DIARY DATA FROM REAL-TIME DRINKING EPISODES** S.E. Luczak; I.G. Rosen Univ. of Southern California, Dept. of Psychology Los Angeles CA 90089
- 317-M-639 **TIMELINE FOLLOW "BACK TO THE FUTURE": THE USE OF WEB-BASED TECHNOLOGY IN THE ASSESSMENT OF ALCOHOL DRINKING AND CIGARETTE SMOKING BEHAVIORS.** M.D. Palmeri; S.Y. Rueger; C.J. Trela; A. King. The Univ. of Chicago, Biological Sciences Div. Chicago IL 60637
- 318-M-640 **QUADRATIC GROWTH MIXTURE MODELING: IMPACT OF MODEL MISSPECIFICATION** S.-Y. Kim Rutgers, the State Univ. of New Jersey, Ctr. of Alcohol Studies Piscataway NJ 08854
- 319-M-641 **A NONLINEAR STATISTICAL MODEL FOR MEDICATION AND PLACEBO EFFECTS** R. L. Stout Pacific Inst. for Res. and Evaluation, Decision Sciences Inst.
- 320-M-642 **MODELING LONGITUDINAL POST-TREATMENT CLIENT OUTCOMES FROM OPEN-ENROLLMENT THERAPY GROUPS** S.M. Paddock, T.D. Savitsky RAND Corporation, Santa Monica, CA
- 321-M-643 **SCORING OF COLLEGE STUDENTS' ALCOHOL EXPECTANCIES USING ITEM RESPONSE THEORY ANALYSIS ACROSS STUDIES AND TIME.** E.Y. Mun; Y. Huo; J. de la Torre; H.R. White; A.E. Ray; Y. Jiao; S.-Y. Kim. Rutgers, The State Univ. of New Jersey, Ctr. of Alcohol Studies Piscataway NJ 08854

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2012 RSA SCHEDULE OF POSTERS

TUESDAY, JUNE 26 ~ ~ ~ 4:00PM - 6:00PM

1. GENETICS

(Poster Numbers 1-32/ Abstract Numbers 644-675)

a. Human (more on Wednesday)

- 001-T-644** **CHRM2 AND GABRA2 GENOTYPES INFLUENCE ACTIVATION DURING A RESPONSE INHIBITION FMRI TASK IN HIGH-RISK ADOLESCENTS** Blaine SK; Baca A; Hutchison KE ; Bryan A. Univ. of Colorado at Boulder, CO The Mind Res. Network, Albuquerque, NM
- 002-T-645** **INFLUENCE OF GABRA2 ON TRAJECTORIES OF ALCOHOL USE FROM ADOLESCENCE TO EARLY ADULTHOOD.** S.B. Cho; P. Bernice; K.K. Bucholz; H.J. Edenberg; V.M. Hesselbrock; J.R. Kramer; S. Kuperman; M.A. Shuckit; & D.M. Dick Virginia Commonwealth Univ., Virginia Inst. for Psychiatric and Behavioral Genetics Richmond VA 23298
- 003-T-646** **SUBJECTIVE RESPONSES TO CLAMPED ALCOHOL INTOXICATION AS A FUNCTION OF FAMILY HISTORY AND GABA-RELATED GENOTYPES.** AEK Kosobud; H Edenberg; TM Foroud; JM Hays; DA Kareken; T Liang; L Wetherill; KE White; SJ O'Connor Indiana Univ.-Purdue Univ. Indianapolis (IUPUI) Indianapolis IN 46202
- 004-T-647** **GABRG1 MARKERS MODERATE AMPHETAMINE-INDUCED STRIATAL DOPAMINE RELEASE** M. Uhart^{1,2}, M.E. McCaul¹, E.M. Weerts¹, N. Li², G.S. Wand¹ 1 The Johns Hopkins Univ. School of Med. Baltimore MD 21205 2 Cedars-Sinai Med. Ctr. Los Angeles CA 90048
- 005-T-648** **ACUTE SENSITIVITY AND ADAPTATION TO ALCHOL ASSOCIATED WITH FAMILY HISTORY OF ALCOHOLISM AND GABRG1 GENETIC STATUS USING THE STOP SIGNAL TASK.** KA Windisch; P Hazra; MH Plawewcki; L Wetherill; H. Edenberg; DA Kareken; S O'Connor. Indiana Univ. Purdue Univ. Indianapolis (IUPUI), Indiana Univ. School of Med., and the Richard L Roudeboush VA Med. Ctr. Indianapolis IN 46202
- 006-T-649** **GABRA2 AND THE EXTERNALIZING SPECTRUM IN ADOLESCENCE.** F.W. Wang; L. Chassin; C. Geiser; Lemery-Chalfant, K. Arizona State Univ., Dept. of Psychology Tempe AZ 85201
- 007-T-650** **GENETIC VARIATION IN HTR2A AND PTPRB ARE ASSOCIATED WITH ALCOHOL DEPENDENCE AND WHITE MATTER INTEGRITY IN THE POSTERIOR THALAMIC RADIATA** H.C. Karoly, M. Monnig, N. Harlaar, K.E. Hutchison Univ. of Colorado at Boulder, Dept. of Psychology and Neuroscience, Boulder CO 80309
- 008-T-651** **WHOLE GENOME SCREEN OF COPY NUMBER VARIATION: AN INVESTIGATION OF GENE DOSAGE AFFECTS ASSOCIATED WITH ALCOHOLISM** M. O'Bleness¹; C. Dickens¹; J. Davis¹; J. Jackson¹; L. Dumas¹; H. Edenberg²; J.M. Sikela¹ 1Univ. of Colorado Denver Sch.of Med., Dept. of Biochemistry & Molecular Genetics, Aurora, CO 80045; 2Indiana Univ. Sch. of Med. Dept. of Biochemistry & Molecular Biology, IndianapolisIN 46202
- 009-T-652** **THE MTHFR(C677T) POLYMORPHISM: IT'S PREVALENCE AND LINK TO ALCOHOL CONSUMPTION.** J.M. Murdoch, J.S. Gill and H.I.M. Davidson School of Health Sciences, Queen Margaret Univ., Edinburgh, Scotland, UK EH 21 6UU
- 010-T-653** **ASSOCIATION OF GENETIC VARIATIONS IN MIR-9 GENES WITH ALCOHOLISM** Y. Wang, O. Anees, N. Kinstlinger, L. Tejada, M. Garbarini, A. Pietrzykowski Rutgers Univ., Dept. of Animal Sciences, Lab. of Adaptation, Reward, and Addiction, New Brunswick NJ 08901
- 011-T-654** **ASSOCIATION OF SNPS IN PROMOTERS OF MIR-9 HOST GENES WITH ALCOHOLISM** L. Tejada, Y. Wang, N. Kinstlinger, O. Anees, M. Garbarini, A. Pietrzykowski Rutgers Univ., Dept. of Animal Sciences, Lab. of Adaptation, Reward, and Addiction, New Brunswick NJ 08901
- 012-T-655** **SNPS IN PROMOTERS OF MIR-9 GENES IN ALCOHOLICS CAN ALTER BINDING OF TRANSCRIPTION FACTORS** N. Kinstlinger, Y. Wang, L. Tejada, M. Garbarini, O. Anees, A. Pietrzykowski Rutgers Univ., Dept. of Animal Sciences, Lab. of Adaptation, Reward, & Addiction, New Brunswick NJ 08901
- 013-T-656** **A POLYMORPHISM OF THE FERROCHELATASE GENE IS RELATED TO NEUROBIOLOGICAL RESPONSE TO ALCOHOL CUES, SUBJECTIVE RESPONSE TO ALCOHOL, & DRINKING BEHAVIOR** D.J.O. Roche¹; E.D Claus²; M.D. Palmeri¹; K.E. Hutchison³; A.C. King¹ 1Dept. of Psychiatry and Behavioral Neuroscience, Univ. of Chicago, Chicago, IL, 2 Mind Res. Network, Albuquerque, NM, 3Dept. of Psychology, Univ. of Colorado, Boulder, CO
- 014-T-657** **DOPAMINERGIC GENETIC ASSOCIATIONS WITH IMPULSIVE DECISION-MAKING IN PROBLEM DRINKERS** L. M. Squeglia; K. E. Courtney; S. Bujarski; L. A. Ray Univ. of California Los Angeles, Dept. of Psychology, Los Angeles, CA
- 015-T-658** **CRFR1 GENE POLYMORPHISM IS ASSOCIATED WITH HEAVY DRINKING ONSET IN ALCOHOL-DEPENDENT SUBJECTS** A.M.C. Ho; M.R. Daghli; P.R. Dodd; A. Stadlin The Univ. of Queensland, School of Med., Discipline of Psychiatry, Herston, QLD 4027, Australia
- 016-T-659** **INTERACTION BETWEEN OPRK1 AND PDYN GENES AND CUMULATIVE LIFE STRESS IN RISK OF ALCOHOL DEPENDENCE** K. Xu, R. Sinha 1 Stress Ctr., Yale Univ., 2 Dept. of Psychiatry, Yale School of Med., Yale Univ.
- 017-T-660** **INFLUENCE OF SEROTONIN (5-HT) RECEPTOR POLYMORPHISMS ON THE SUBJECTIVE RESPONSE TO ALCOHOL IN NON-DEPENDENT DRINKERS: PRELIMINARY FINDINGS** V.Y. Schmidt; M.L. Schwandt; D.W. Hommer; M. Heilig; V.A. Ramchandani Sec. on Human Psychopharmacology, Lab. of Clinical and Translational Sciences, NIAAA, NIH Bethesda MD 20892
- 018-T-661** **WITHDRAWN**

2012 RSA SCHEDULE OF POSTERS

TUESDAY, JUNE 26 ~ ~ ~ 4:00PM - 6:00PM

1. GENETICS - Cont'd

(Poster Numbers 1-32/ Abstract Numbers 644-675)

b. Lab Animal - transgenics / knock-outs/-ins (more on Wednesday)

- 019-T-662 KAPPA-OPIOID MECHANISMS IN THE 2 BOTTLE-CHOICE ETHANOL INTAKE PARADIGM.** K.L. Smith; A. Van't Veer; W.A. Carlezon Jr.; B.M. Cohen; A.J. Bechtholt-Gompf. Harvard Med. School, Dept. of Psychiatry, McLean Hosp. Belmont MA 02478
- 020-T-663 THE ROLE OF OPIOID PEPTIDES IN ETHANOL REWARD.** A. Tseng¹; M. Garg¹; P.V. Marquez^{1,2}; A. Hamid²; K. Lutfy^{1,2} ¹Western Univ Hlth Sci, Pomona, CA, ²Charles Drew Univ Med & Sci, Los Angeles, CA
- 021-T-664 DIFFERENTIAL ROLES OF DOPAMINE D2 RECEPTOR ISOFORMS IN ALCOHOL CONSUMPTION AND THE ACTION OF OTHER ADDICTIVE DRUGS** Z.B. Bulwa; J.A. Sharlin; R. Xu; P.J. Clark; C.N. Kilby; J.S. Rhodes; Y. Wang. Beckman Inst., Univ. of Illinois at Urbana-Champaign Urbana IL 61801
- 022-T-665 ALTERED STRIATAL DOPAMINE NEUROTRANSMISSION IN MICE WITH LOW ENDOGENOUS BDNF FOLLOWING DRINKING-IN-THE-DARK ETHANOL EXPOSURE** T.A. Mathews, K. E. Bosse, B. Newman, A. Apawu, and C. Rogalla Dept. of Chemistry, Wayne State Univ. Detroit MI 48202
- 023-T-666 BDNFVAL68MET POLYMORPHISM PROMOTES COMPULSIVE ETHANOL DRINKING IN MICE** V. Warnault; E. Darcq; D. Ron. Ernest Gallo Res. Ctr., Univ. of California, San Francisco Emeryville CA 94608
- 024-T-667 PHARMACOLOGICAL AND GENETIC DISSECTION OF THE ROLE OF GABA RECEPTORS CONTAINING RHO1 OR RHO2 SUBUNITS IN BEHAVIORAL EFFECTS OF ETHANOL** Y.A. Blednov; W.D. Johnson, III; J.R. Hanrahan; M. Chebib; G.A.R. Johnston; R.A. Harris Univ. of Texas, Waggoner Ctr. for Alcohol and Addiction Res., Austin, TX 78712, Faculty of Pharmacy and Dept. of Pharmacology, The Univ. of Sydney, Sydney NSW, 2006, Australia
- 025-T-668 EVALUATION OF ETHANOL RESPONSES IN S296A α 1 GLYR KNOCKIN MICE** W. Xiong¹; G. E. Homanics²; D. M. Lovinger¹ and L. Zhang. ¹NIAAA/NIH, Bethesda, MD, ²Univ. of Pittsburgh, Pittsburgh, PA
- 026-T-669 ALCOHOL PHENOTYPE OF MICE WITH POINT MUTATIONS OF MGLUR5 AFFECTING THE PHOSPHORYLATION OF THE HOMER BINDING SITE** D. Maliniak, D.I. Greentree, S.P. Goulding, L. Urman, S.P. Goulding, K.K. Szumlinski. Dept. of Psychological and Brain Sciences, Univ. of California at Santa Barbara Santa Barbara CA 93106
- 027-T-670 NMDA NR1 (F639A) KNOCK-IN MICE DISPLAY SELECTIVE ALTERATIONS IN THEIR RESPONSE TO ACUTE ETHANOL** C.R. den Hartog; J.T. Beckley; D.H. Lench; C.T. Smothers; G.E. Homanics; J.J. Woodward. Dept. of Neurosciences and Ctr. for Drug and Alcohol Progs., Med. Univ. of South Carolina, Charleston, SC
- 028-T-671 WITHDRAWN**
- 029-T-672 THE CHRN4 GENE DOES NOT MODULATE ETHANOL BEHAVIORS** H.M. Kamens, R.J. Cox, R.D. McCarthy, J.H. Miyamoto, & M.A., Ehringer Inst. for Behavioral Genetics Boulder CO 80303
- 030-T-673 INVOLVEMENT OF HYPERSENSITIVE A6 SUBUNIT CONTAINING NEURONAL NICOTINIC ACETYLCHOLINE RECEPTORS IN MODULATING ALCOHOL INTAKE AND PREFERENCE.** M.S. Powers; H. Broderick; R.M. Drenan; J.A. Chester. Purdue Univ., Depts. of Psychological Sciences and Medicinal Chemistry and Molecular Pharmacology West Lafayette IN 47907
- 031-T-674 MODULATION OF ALCOHOL REWARD VIA ACTIVATION OF NICOTINIC ACETYLCHOLINE RECEPTORS CONTAINING THE α 4 SUBUNIT** L.M. Hendrickson; M. Derner; L. Liu; P.D. Gardner; A.R. Tapper Univ. of Massachusetts Med. School Worcester MA 01604
- 032-T-675 P2X4 KNOCK OUT MICE DISPLAY SEX DIFFERENCES IN ALCOHOL INTAKE AND BEHAVIORAL RESPONSES** L.R. Wyatt; V. Fimreite; C. Minh; D. A. Finn; M. Bortolato; R.L. Alkana; D.L. Davies Univ. of Southern California, School of Pharmacy Los Angeles CA 90033

2. MOLECULAR / CELL BIOLOGY C.N.S.

(Poster Numbers 33-48/ Abstract Numbers 676-691)

a. Epigenetics

- 033-T-676 WHOLE TRANSCRIPTOME AND METHYLOME SEQUENCING IN THE ALCOHOL POST-DEPENDENT RAT MODEL** E. Barbier¹, J. Tapocik¹, N. Juergens¹, J. Schank¹, K. Schuebel², Z. Zhou², Q. Yuan², D. Goldman², M. Heilig¹ ¹Lab. of Clinical and Translational Studies, NIH/NIAAA, Bethesda, MD 20892, ²Lab. of Neurogenetics, NIH/NIAAA Rockville MD 20852
- 034-T-677 WITHDRAWN**
- 035-T-678 FETAL ALCOHOL ALTERS THE HISTONE MARKS H3K4ME3 AND H3K9ME2 ALONG THE PROOPOMELANOCORTIN GENE IN THE ARCULATE AREA OF THE HYPOTHALAMUS.** R. A. Bekdash; W.J. Belden; D.K. Sarkar Neuroscience & Endocrine Prog., Rutgers Univ. New Brunswick NJ 08901
- 036-T-679 ADOLESCENT, BUT NOT ADULT, BINGE DRINKING MODULATES MIR-590-3P EXPRESSION IN BRAIN** R.G. Agrawal, S. Balaraman, J. A. Owen, P.J. Syapin, A. Hewetson, R.C. Miranda and S. Bergeson South Plains Alcohol and Addiction Res. Ctr., Texas Tech Univ. HSC, Lubbock TX 79430

2012 RSA SCHEDULE OF POSTERS

TUESDAY, JUNE 26 ~ ~ ~ 4:00PM - 6:00PM

2. MOLECULAR / CELL BIOLOGY C.N.S. - Cont'd (Poster Numbers 33-48/ Abstract Numbers 676-691)

a. Epigenetics - cont'd

- 037-T-680 EFFECTS OF ACUTE ETHANOL EXPOSURE ON MICRORNA PROFILING IN THE AMYGDALA OF RATS** H.R. Krishnan; T.L. Teppen; A.J. Sakharkar; S.C. Pandey Dept. of Psychiatry, Univ. of Illinois at Chicago and Jesse Brown VA Med. Ctr. Chicago IL 60612
- 038-T-681 EPIGENETIC CHANGES DURING ABSTINENCE: IMPORTANCE OF HISTONE DEACETYLATION** J.G. Hashimoto, M.R. Forquer, M.L. Roberts and K.M. Wiren Portland VAMC Res. Service and Oregon Health & Science Univ. Portland OR 97239
- 039-T-682 BINGE DRINKING OF ETHANOL IS CONTROLLED BY THE LEVEL OF CHROMATIN CONDENSATION.** D. Ron; V. Warnault; S. Barak. Ernest Gallo Res. Ctr., Univ. of California, San Francisco Emeryville CA 94608
- 040-T-683 EFFECTS OF HISTONE DEACETYLASES INHIBITOR ON AMYGDALOID SYNAPTIC PLASTICITY MEASURES IN RATS DURING ALCOHOL DEPENDENCE** C.You, H.Zhang, S.C. Pandey Dept of Psychiatry, Univ. of Illinois at Chicago & Jesse Brown VA Med. Ctr. Chicago IL 60612
- 041-T-684 EFFECTS OF VARIOUS DOSES OF ETHANOL EXPOSURE ON HDAC AND DNMT ACTIVITIES IN THE EXTENDED AMYGDALA OF ADOLESCENT RATS.** A. J. Sakharkar; L.Tang; H.Zhang; S.C. Pandey Dept of Psychiatry, Univ. of Illinois at Chicago & Jesse Brown VA Med. Ctr. Chicago IL 60612
- 042-T-685 HISTONE DEACETYLASES (HDAC) EXPRESSION PROFILING IN THE AMYGDALA DURING CHRONIC ETHANOL EXPOSURE AND WITHDRAWAL IN RATS** L.Tang; H. Zhang; H Kusumo; S.C.Pandey Dept of Psychiatry, Univ. of Illinois at Chicago & Jesse Brown VA Med. Ctr. Chicago IL 60612
- 043-T-686 BINGE-LIKE ETHANOL CONSUMPTION SUPPRESSES DIMETHYLATION OF H3K9 SELECTIVELY IN THE NUCLEUS ACCUMBENS, BUT NOT THE AMYGDALA OR VENTRAL TEGMENTAL AREA** J.A. Rinker; H.M. Bomze; H.E. Covington III; T.E. Thiele; & M. Navarro Dept of Psychology & Bowles Ctr. for Alcohol Studies, Univ. of North Carolina at Chapel Hill, Chapel Hill, NC 27599, Dept of Psychology & Neuroscience, Duke Univ. Durham NC 27708
- 044-T-687 EPIGENETIC MODIFICATIONS ARE INVOLVED IN THE REGULATION OF ALCOHOL DRINKING BEHAVIOR** M. Qiang¹; J. Li¹; A. Denny²; M. Lieu¹; S. Carreon¹ ¹Dept. of Pharmacology, ²Cellular and Structural Biology, The Univ. of Texas Health Science Ctr. at San Antonio San Antonio TX 78229
- 045-T-688 EFFECT OF DIFFERENT HISTONE DEACETYLASE INHIBITORS ON ALCOHOL DRINKING BY NON-DEPENDENT AND DEPENDENT RATS** E. Simon O'Brien¹, S. Alaux-Cantin¹, V. Warnault², A. Foglia¹, C. Vilpoux¹, and M. Naassila¹ ¹Univ. of Picardy Jules Verne, Res. Group on Alcohol and Pharmacodependences (GRAP), Inserm unit Eri 24, Amiens, France: ²Ernest Gallo Ctr. Emeryville CA 94608
- 046-T-689 EPIGENETIC MODIFICATIONS IN THE WAKE-PROMOTING BASAL FOREBRAIN MAY CONTRIBUTE TO INSOMNIA DURING ETHANOL WITHDRAWAL.** R. Sharma; S. Lodhi; D. DeRoode; P. Sahota; M. Thakkar. Harry S Truman Memorial Veterans Hosp., Dept. of Neurology, Univ. of Missouri Columbia MO 65201
- 047-T-690 ASSESSMENT OF POST-TRANSLATIONAL HISTONE MODIFICATIONS FOLLOWING ETHANOL-INDUCED LOCOMOTOR SENSITIZATION IN DBA/2J MICE** G.M. Sprow; J.A. Rinker; M. Navarro; T.E. Thiele Dept. of Psychology, Univ. of North Carolina Chapel Hill NC 27599
- 048-T-691 PRENATAL ALCOHOL EXPOSURE DISRUPTS EPIGENETIC MACHINERY INVOLVED IN HIPPOCAMPAL NEUROGENESIS RESULTING IN LEARNING AND MEMORY DEFICITS** C.R. Tyler; M.T. Labrecque; S.L. Goggin; M.L. Brady; K.K. Caldwell; A.M. Allan Dept. of Neuroscience, Univ. of New Mexico Albuquerque NM 87131

3. PHARMACOLOGY C.N.S. (Poster Numbers 49-64/ Abstract Numbers 692-707)

a. Neurotransmitters (more on Monday)

- 049-T-692 RELATIVE LOCATION OF GABA_A RECEPTORS TRANSMEMBRANE AMINO ACIDS CRITICAL FOR ALCOHOL ACTION PROBED BY CYSTEINE SUBSTITUTION AND CROSSLINKING** C. M. Borghese¹, J. A. Hicks¹, J. R. Trudell², R. A. Harris¹. ¹Waggoner Ctr for Alcohol and Addiction Res, The Univ of Texas, Austin, TX 78712, ² Dept of Anesthesia & Beckman Prog. for Molecular and Genetic Med, Stanford Univ Palo Alto CA 94305
- 050-T-693 REGIONAL PHARMACOLOGY OF GABA_A RECEPTORS IN HUMAN ALCOHOLIC BRAIN** S.-W. Kuo, P. R. Dodd SCMB, Univ. of Queensland, Australia
- 051-T-694 ACTIVATION OF GABA_A RECEPTORS AND INHIBITION OF NEUROSTEROID SYNTHESIS HAVE SEPARABLE ESTROUS-DEPENDENT EFFECTS ON BINGE DRINKING IN FEMALE MICE** L.C. Melon, Z.T. Nolan, S.L. Boehm, II Indiana Alcohol Res. Ctr. and Dept. of Psychology, Indiana Univ./Purdue Univ.-Indianapolis, Indianapolis IN 46202
- 052-T-695 THE ROLE OF EXTRASYNAPTIC GABA_A RECEPTORS IN THE ALCOHOL CONSUMPTION BEHAVIOR OF MICE SELECTIVELY BRED FOR HIGH ALCOHOL PREFERENCE DRINKING** BM Fritz & SL Boehm II Indiana Alcohol Res. Ctr. and Dept. of Psychology, Indiana Univ.-Purdue Univ. Indianapolis Indianapolis IN 46202

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TUESDAY, JUNE 26 ~ ~ ~ 4:00PM - 6:00PM

3. PHARMACOLOGY C.N.S. - Cont'd (Poster Numbers 49-64/ Abstract Numbers 692-707)

a. Neurotransmitters - cont'd (more on Monday)

- 053-T-696 ADOLESCENT C57BL/6J MICE SHOW REDUCED SENSITIVITY TO THE NR2B-NMDA RECEPTOR ANTAGONIST IFENPRODIL, AS COMPARED TO ADULT MICE** S.E. Holstein; C.W. Hodge Bowles Ctr. for Alcohol Studies, Depts. of Psychiatry & Pharmacology, Univ. of North Carolina, Chapel Hill NC 27599
- 054-T-697 ALCOHOL WITHDRAWAL ACTIVATES GABAERGIC NEURONS IN THE PREFRONTAL CORTEX AND PREDICTS COGNITIVE IMPAIRMENT AND ESCALATION OF ALCOHOL INTAKE** O. George, C. Sanders, J. Freiling, E. Grigoryan, S. Vu, C.n D. Allen, E. Crawford, G. F. Koob Committee on the Neurobiology of Addictive Disorders, The Scripps Res. Inst., La Jolla CA 92037
- 055-T-698 ALLOPREGNANOLONE IMMUNOHISTOCHEMICAL STAINING IS REGIONALLY ALTERED DURING WITHDRAWAL FROM CHRONIC INTERMITTENT ETHANOL EXPOSURE IN C57BL/6J MICE** A. M. Maldonado-Devincchi1, J. B. Cook1, A. M. Dumitru1, M. F. Lopez2, H. C. Becker2 and A. L. Morrow1 1Dept. of Psychiatry & Pharmacology, Bowles Ctr. for Alcohol Studies, UNC School of Med., Chapel Hill, NC, 27599, 2Charleston Alcohol Res. Ctr., MUSC Charleston SC 29425
- 056-T-699 ETHANOL ACTIONS IN C57BL/6J EXPOSED TO SOCIAL ISOLATION: EFFECTS ON HIPPOCAMPAL PLASTICITY AND ROLE OF NEURACTIVE STEROIDS** Talani G., Lutz S., Fanutza T., Carta I., Cannas F., Saderi D., Porceddu P.F., Corrias A., Trudu F., Masala N., Biggio G. and Sanna E. Dept of Experimental Biology, Sec of Neuroscience, Univ. of Cagliari Monserrato, Cagliari, Italy Inst. of Neuroscience CNR, Monserrato, Cagliari, Italy
- 057-T-700 GABAERGIC ACTIONS MEDIATE OPPOSITE ETHANOL EFFECTS ON DOPAMINERGIC NEURONS IN THE ANTERIOR AND POSTERIOR VENTRAL TEGMENTAL AREA** J.H. Ye; Y. Guan; C. Xiao; K. Krnjevi; G. Xie; W. Zuo. Univ. of Med. and Dentistry of New Jersey, New Jersey Med. School Newark NJ 07103
- 058-T-701 IN VIVO VOLTAMMETRIC MONITORING OF EVOKED DOPAMINE RELEASE IN PREFRONTAL CORTEX: EFFECT OF ACUTE ALCOHOL** T.A. Shnitko; D.L. Robinson. Bowles Ctr. for Alcohol Studies and Dept. of Psychiatry, Univ. of North Carolina Chapel Hill NC 27599
- 059-T-702 CONDITIONED ODOR CUES ASSOCIATED WITH THE ACCESS TO OR THE ABSENCE OF ALCOHOL DIFFERENTIALLY MODULATE DOPAMINE EFFLUX IN THE NUCLEUS ACCUMBENS SHELL** G.A. Deehan Jr.; Z-M. Ding; S. R. Hauser; Engleman, E.A.; Wilden, J.A., W.J. McBride; Z.A. Rodd. Indiana Univ. School of Med., Dept. of Psychiatry Indianapolis IN 46202
- 060-T-703 SEROTONIN-3 (5-HT3) RECEPTORS WITHIN THE POSTERIOR VENTRAL TEGMENTAL AREA (P-VTA) MEDIATE ALCOHOL-SEEKING BEHAVIOR.** S. R. Hauser, G.A. Deehan, Z-M Ding, B. J. Scott, R. L. Bell, W. J. McBride, Z. A. Rodd Dept. of Psychiatry, Inst. of Psychiatric Res., Indiana Univ. School of Med. Indianapolis IN 46202
- 061-T-704 DOPAMINE D1- RECEPTORS ARE REQUIRED FOR CONTEXT-INDUCED RENEWAL OF PAVLOVIAN CONDITIONED ALCOHOL-SEEKING IN RATS** JM Sciascia, J Mendoza, N Chaudhri Ctr. for Studies in Behavioural Neurobiology, Fonds de Recherche Sante du Quebec, Concordia Univ., Montreal, Canada
- 062-T-705 EFFECTS OF CNQX, SCH23390 AND TETRODOTOXIN IN THE POSTERIOR VENTRAL TEGMENTAL AREA ON ETHANOL- AND SUCROSE-SEEKING AND DRINKING** T.L. Verplaetse*, C.L. Czachowski*^ Depts. of Psychology* and Psychiatry^, Indiana Univ. Indianapolis IN 46202
- 063-T-706 ENDOCANNABINOIDS AND FEAR-RELATED BEHAVIOR IN MICE SELECTIVELY BRED FOR HIGH OR LOW ALCOHOL PREFERENCE** J.A. Chester, E.L. Barker, A.M. Kirchoff, B. Han Dept. of Psychological Sciences and Medicinal Chemistry and Molecular Pharmacology, Purdue Univ. West Lafayette IN 47907
- 064-T-707 THE REDUCTION OF ALCOHOL CONSUMPTION BY MEMANTINE IS MEDIATED VIA A BDNF-DEPENDENT MECHANISM** J. Jeanblanc; F. Coune; B. Botia; M. Naassila INSERM ERI24-Res. Group on Alcoholism and Pharmacodependences (GRAP)-Univ. of Picardie Jules Verne, Amiens, France, SFR CAP Sante

4. PHYSIOLOGY

(Poster Numbers 65-80/ Abstract Numbers 708-723)

a. Electrophysiology (more on Monday)

- 065-T-708 ALCOHOL ENHANCES GABA_A INHIBITION OF CEREBELLAR GRANULE CELLS IN LOW PREFERRING DBA/2J MICE BUT SUPPRESSES GABA_A INHIBITION IN HIGH PREFERRING C57BL/6J MICE** J.S. Kaplan; C. Mohr; D.J. Rossi. Oregon Health and Science Univ., Behavioral Neuroscience Portland OR 97239
- 066-T-709 ETHANOL AND BARBITURATE INCREASE NEURAL OSCILLATIONS IN CEREBELLUM.** J.J.Huang; C.T.Yen; M.Tsa; C.F. Valenzuela; R. Huang; C. Huang. Univ. of Missouri-Kansas City, Kansas City, MO 64110 and National Taiwan Univ., Taipei, Taiwan
- 067-T-710 ALCOHOL AND OPIOID MODULATION OF GABAERGIC TRANSMISSION IN DOPAMINERGIC CELLS IN THE PERIAQUEDUCTAL GRAY (VPAG).** C. Li; T.L. Kash. Univ. of North Carolina-Chapel Hill Chapel Hill NC 27599

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TUESDAY, JUNE 26 ~ ~ ~ 4:00PM - 6:00PM

4. PHYSIOLOGY - Cont'd

(Poster Numbers 65-80/ Abstract Numbers 708-723)

a. Electrophysiology - cont'd (more on Monday)

- 068-T-711 ACUTE ETHANOL EFFECTS ON ENDOCANNABINOID-MEDIATED PLASTICITY OF DORSOLATERAL STRIATUM INHIBITORY MICROCIRCUITRY.** B.N. Mathur; D.M. Lovinger. NIAAA/NIH, Rockville MD 20852
- 069-T-712 ETHANOL INTERACTIONS WITH NICOTINIC RECEPTORS IN BRAINSTEM CHOLINERGIC CENTERS** J. McDaid, S.L. Wolfman, K. Gallagher, D.S. McGehee Univ. of Chicago Chicago IL 60637
- 070-T-713 BLOCKADE OF PRESYNAPTIC BK CHANNELS OCCLUDES ETHANOL-INDUCED ENHANCEMENT OF GABAERGIC TRANSMISSION IN THE RAT CENTRAL NUCLEUS OF THE AMYGDALA** Q. Li; S.D. Moore Duke Univ. Med. Ctr. and Durham VAMC, Durham NC 27705
- 071-T-714 TARGET SPECIFIC EFFECTS OF NEUROPEPTIDE SYSTEMS IN THE CENTRAL AMYGDALA.** M. Park; S.D. Moore Duke Univ. Med. Ctr., Dept. of Psychiatry, Durham, NC 27707, Durham Veterans Administration Med. Ctr. Durham NC 27705
- 072-T-715 PKA MODULATES PHYSIOLOGICAL CHANGES IN GABA_A RECEPTORS ASSOCIATED WITH ETHANOL EXPOSURE IN CULTURED CEREBRAL CORTICAL NEURONS** S. L. Carlson and A. L. Morrow Bowles Ctr. for Alcohol Studies, Depts. of Psychiatry and Pharmacology, Univ. of North Carolina School of Med. Chapel Hill NC 27599
- 073-T-716 L-TYPE VOLTAGE-GATED CALCIUM CHANNEL FUNCTION IN RAT CA3 HIPPOCAMPAL PYRAMIDAL NEURONS FOLLOWING 3RD TRIMESTER ETHANOL EXPOSURE** R. A. Morton; C.F. Valenzuela Dept of Neurosci U of New Mexico HSC Albuquerque NM 87131
- 074-T-717 A NOVEL ALCOHOL-SENSITIVE SITE IN THE M3 DOMAIN OF THE NMDA RECEPTOR GLUN2A SUBUNIT.** H. Ren, R.W. Peoples. Dept. of Biomedical Sciences, Marquette Univ. Milwaukee WI 53233
- 075-T-718 A SITE OF ALCOHOL ACTION AT THE NMDA RECEPTOR M3-M4 DOMAIN INTERFACE.** H. Ren, Y. Zhao, D.S. Dwyer, R.W. Peoples. Dept. of Biomedical Sciences, Marquette Univ. Milwaukee WI 53233
- 076-T-719 A ROLE FOR TLR4 AND IL-1RI IN ETHANOL EFFECTS ON GABAERGIC TRANSMISSION AND ETHANOL DRINKING IN THE MOUSE.** M. Bajo, S.G. Madamba, M. Roberto, A.J. Roberts, Y.A. Blednov, R.A. Harris, and G.R. Siggins The Scripps Res. Inst., Molecular and Integrative Neurosciences Dept. and Committee on the Neurobiology of Addictive Disorders La Jolla CA 92037
- 077-T-720 ETHANOL-MEDIATED FACILITATION OF AMPA RECEPTOR FUNCTION IN THE DORSOMEDIAL STRIATUM: IMPLICATIONS FOR ALCOHOL DRINKING BEHAVIOR** J. Wang, S. Ben Hamida, S. Carnicella, E. Darcq, S.L. Gibb, W. Zhu, and D. Ron Ernest Gallo Res. Ctr., Dept. of Neurology, Univ. of California, San Francisco Emeryville CA 94608
- 078-T-721 ACUTE ETHANOL DISRUPTS NEURON EXCITABILITY IN THE ORBITOFRONTAL CORTEX THROUGH A GLYCINE RECEPTOR MECHANISM** KA Badanich and JJ Woodward Dept. of Neurosciences and Charleston Alcohol Res. Ctr., Med. Univ. of South Carolina, Charleston, SC
- 079-T-722 TYROSINE TO PHENYLALANINE SUBSTITUTIONS IN THE NR2B C-TERMINUS DOES NOT ALTER ETHANOL INHIBITION OF RECOMBINANT NMDA RECEPTORS** B.A. Hughes, J.J. Woodward Dept. of Neurosciences, Med. Univ. of South Carolina, Charleston, SC
- 080-T-723 THE EFFECT OF ALCOHOL ON THE VOR IN XENOPUS LAEVIS TADPOLES** C. Ramlochansingh, H. Straka Ludwig-Maximilians-Universitat Munchen, Germany, D-82152

5. ANIMAL BEHAVIOR

(Poster Numbers 81-102/ Abstract Numbers 724-745)

a. Learning / Memory

- 081-T-724 PHYSIOLOGICAL ETHANOL DEPENDENCE IN DROSOPHILA LARVAE** B.G. Robinson; S. Khurana; A. Ghezzi; N.S. Atkinson The Univ. of Texas at Austin Austin TX 78712
- 082-T-725 STIMULUS CONTROL OF ETHANOL'S EFFECTS UPON EARLY RESPIRATION PATTERNS** Cullere, ME; Spear, NE; Molina JC Instituto de Investigacion Medica Mercedes y Martin Ferreyra, Cordoba, Argentina
- 083-T-726 NEONATAL DEPRESSION OF RESPIRATION FREQUENCY AS A FUNCTION OF PRE- AND POSTNATAL EXPOSURE TO MODERATE ETHANOL DOSES AND ALCOHOL-RELATED SENSORY CUES.** Cullere, ME; Spear, NE; Molina JC Instituto de Investigacion Medica Mercedes y Martin Ferreyra, Cordoba, Argentina
- 084-T-727 EXERCISE DOES NOT AFFECT MORRIS WATER MAZE ACQUISITION NOR ETHANOL-INDUCED COGNITIVE IMPAIRMENTS IN ADULT MALE RATS.** C. E. Van Skike, A. Novier, J. L. Diaz-Granados, D. B. Matthews Baylor Univ., Dept. of Psychology and Neuroscience Waco TX 76798

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TUESDAY, JUNE 26 ~ ~ ~ 4:00PM - 6:00PM

5. ANIMAL BEHAVIOR - Cont'd (Poster Numbers 81-102/ Abstract Numbers 724-745)

a. Learning / Memory - cont'd

- 085-T-728 ACQUISITION OF ETHANOL DISCRIMINATION IN ADOLESCENT AND ADULT RATS USING A PAVLOVIAN CONDITIONED APPROACH PARADIGM** R. I. Anderson and L. P. Spear Ctr. for Development and Behavioral Neuroscience, Binghamton Univ. Binghamton NY 13902
- 086-T-729 DOPAMINE D1 BUT NOT D2 RECEPTOR BLOCKADE IMPAIRS THE DEVELOPMENT OF ETHANOL-CONDITIONED PLACE PREFERENCE** M.M. Pina, C.L. Cunningham Dept. of Behavioral Neuroscience, Oregon Health & Science Univ. Portland OR 97239
- 087-T-730 PHARMACOLOGICAL SILENCING OF THE BLA BLOCKS ENHANCEMENT, BUT NOT REDUCTION, OF ETHANOL-SEEKING INDUCED BY CONDITIONED CUES** S. R. Hauser, J. A. Wilden, G. A. Deehan, J. E. Toalston, Z-M Ding, R. L. Bell, W.J. McBride, Z.A. Rodd Depts Psychiatry & Neurosurgery, Indiana Univ Sch Med, Dept Psychology, IUPUI, Indianapolis, IN
- 088-T-731 ERASURE OF ETHANOL-RELATED MEMORIES BY MTORC1 INHIBITION: USING MEMORY PLASTICITY TO PREVENT ETHANOL RELAPSE** S. Barak, Q.V. Yowell, J. Neasta, V. Kharasia, P. H. Janak and D. Ron The Ernest Gallo Res. Ctr., Dept. of Neurology, Univ. of California San Francisco, Emeryville, 94608, CA
- 089-T-732 PKMZETA EXPRESSION FOLLOWING CHRONIC INTERMITTENT ETHANOL EXPOSURE AND CONDITIONED TASTE AVERSION PROCEDURES** C.T. Smothers, W.C. Griffin III, C.L. Hazelbaker, J.J. Woodward Dept of Neurosciences and the Charleston Alcohol Res. Ctr., Med. Univ. of South Carolina Charleston SC 29425
- 090-T-733 ETHANOL SELF-ADMINISTRATION IN RELATION TO GO/NO-GO PERFORMANCE WITH VARYING STIMULUS CONDITIONS** V.A. Wakeling; C.M. Helms; S.W. Gonzales; K.A. Grant Oregon National Primate Res. Ctr., Div. of Neuroscience Beaverton OR 97006

b. Other

- 091-T-734 BETWEEN SESSION AND WITHIN SESSION DELAY DISCOUNTING IN LONG EVANS AND ALCOHOL-PREFERRING P RATS** S. W. Beckwith; C. L. Czachowski Indiana Univ.-Purdue Univ. at Indianapolis, Depts. of Psychology (Purdue School of Science) and Psychiatry (Indiana School of Med.) Indianapolis IN 46202
- 092-T-735 ETHANOL AND METHAMPHETAMINE'S EFFECT ON RATS' PERFORMANCE IN TWO TASKS THAT DISSOCIATE DELAY AND MAGNITUDE.** T. M. Moschak & S. H. Mitchell Oregon Health & Science Univ., Portland OR 97239
- 093-T-736 DISCRIMINATION OF ETHANOL AND NICOTINE MIXTURES: PARADOXICAL MECHANISMS OF OVERSHADOWING AND SYNERGY.** M.M. Ford; A.D. McCracken; N.L. Davis; K.A. Grant. Dept. of Behavioral Neuroscience and the Div. of Neuroscience at the Oregon National Primate Res. Ctr., Oregon Health & Science Univ. Portland OR 97239
- 094-T-737 FUNCTIONALLY DISCONNECTING THE BASOLATERAL AMYGDALA AND NUCLEUS ACCUMBENS CORE: EFFECTS ON CONTEXT-INDUCED RENWAL OF ALCOHOL SEEKING IN RATS** N. Chaudhri; C. Woods; L.L. Sahuque; T. M. Gill; P.H. Janak Ernest Gallo Clinic & Res. Ctr., Dept. of Neurology, Univ. of California at San Francisco Emeryville CA 94608
- 095-T-738 THE EFFECT OF THE DOPAMINE D2 ANTAGONIST, RACLOPRIDE, IN THE DORSOLATERAL STRIATUM ON HABITUAL ALCOHOL SEEKING** H. Nie; L.H. Corbit; P.H. Janak Ernest Gallo Clinic and Res. Ctr., Dept. of Neurology, Univ. of California at San Francisco Emeryville CA 94608
- 096-T-739 PRAIRIE VOLES AS A NOVEL MODEL FOR STUDYING ETHANOL REWARD** J.R. Stevenson, J.R. Baumgarten, F. Boakye-Afriyie, C.A. Cavanaugh, J.H. Gallagher, J. A. Guempel, A.A. Massa, A.W. Palm, L.A. Stentz, A.M. Stough Bucknell Univ., Dept. of Psychology, Prog. in Neuroscience Lewisburg PA 17837
- 097-T-740 DIFFERENCES IN SENSITIVITY TO ETOH-INDUCED CONDITIONED TASTE AVERSIONS EMERGE AFTER PRE- OR POST-PUBERTAL GONADECTOMY IN MALE AND FEMALE RATS** M. Morales; L.P. Spear. Dept. of Psychology, Binghamton Univ., Binghamton, NY 13902 Developmental Exposure to Alcohol Res. Ctr., Binghamton NY 13902, Cortland NY 10354 and Syracuse NY 13210
- 098-T-741 MODELING ALCOHOL WITHDRAWAL VIA STIMULATION OF KAPPA-OPIOID RECEPTORS ENHANCES PRODUCTION OF 22-KHZ ULTRASONIC VOCALIZATIONS** A.M. Williams; B.M. Walker Lab. of Alcoholism and Addictions Neuroscience, Dept. of Psychology, Translational Addictions Res. Ctr., Washington State Univ. Pullman WA 99164
- 099-T-742 EFFECTS OF ADOLESCENT ETHANOL PRETREATMENT ON COCAINE CONDITIONED PLACE PREFERENCE IN MALE AND FEMALE RATS.** A.R. Uruena and C.L. Kirstein Univ. of South Florida, Cognitive and Neurosciences, Dept. of Psychology, Univ. of South Florida Tampa FL 33620
- 100-T-743 EFFECTS OF ADOLESCENT ALCOHOL INTAKE ON RISK PREFERENCE IN ADOLESCENCE AND ADULTHOOD** M.S. McMurray; J.D. Roitman. Univ. of Illinois at Chicago, Dept. of Psychology Chicago IL 60607
- 101-T-744 CHRONIC SLEEP RESTRICTION HAS A SUSTAINED IMPACT ON SENSITIVITY TO ALCOHOL AND ALCOHOL CONSUMPTION** S. R. Mclver and P. G. Haydon Tufts Univ., Dept. of Neuroscience Boston MA 02111
- 102-T-745 ORAL DOXYCYCLINE ADMINISTRATION REDUCES ALCOHOL CONSUMPTION AND INCREASES BEHAVIORAL SENSITIVITY TO ALCOHOL** S. R. Mclver, M. M. Muccigrosso, P. G. Haydon Tufts Univ., Dept. of Neuroscience

2012 RSA SCHEDULE OF POSTERS

TUESDAY, JUNE 26 ~ ~ ~ 4:00PM - 6:00PM

6. PATHOLOGY: HUMAN / ANIMAL (Poster Numbers 103-128/ Abstract Numbers 746-771)

a. Pulmonary / Cardiac/ Vascular

- 103-T-746 ALCOHOL AND CIGARETTE SMOKE HAVE NEGATIVE EFFECT ON ALVEOLAR MACROPHAGES** K. Chalk; T.Thiel; F. Bast; M. Sander Charite-Universitätsmedizin Berlin, Dept. of Anesthesiology and Operative Intensive Care Med., Berlin, Germany
- 104-T-747 SPHINGOSINE-1-PHOSPHATE RECEPTOR-1 (S1PR1) ACTIVATION AMELIORATES ETHANOL-INDUCED ENDOTHELIAL BARRIER DYSFUNCTION.** T.M. Doggett, J.W. Breslin Dept. of Physiology, School of Med., LSU Health Sciences Ctr. New Orleans LA 70112
- 105-T-748 PI3K/AKT SIGNALING MEDIATES THE POSITIVE CARDIAC INOTROPIC EFFECT OF LOW ALCOHOL.** V. Cousins; M. El-Rubaiee; R. Walker; K. Sankavaram; J. Allard; N. Umoh; R.E. Taylor; G.E. Haddad Howard Univ., Dept Physiology and Biophysics Washington DC 20059
- 106-T-749 ALCOHOL ATTENUATES AIRWAY CONSTRICTION IN PRECISION CUT MOUSE LUNG SLICES.** P.J. Oldenburg; J.H. Sisson Pulmonary, Critical Care, Sleep and Allergy, Univ. of Nebraska Med. Ctr. Omaha NE 68198
- 107-T-750 FETAL ALCOHOL EXPOSURE INCREASES TUMOR COLONIZATION IN THE LUNG: ROLE OF HYPOTHALAMIC BETA-ENDORPHIN** C. Zhang; N. Boyadjieva; M. Ortiguella; T. Franklin; D.K. Sarkar Graduate Prog. of Endocrinology and Animal Biosciences, Rutgers, The State Univ. of New Jersey New Brunswick 08901
- 108-T-751 LONG-TERM ALCOHOL DISRUPTS ZO-1 LOCALIZATION IN THE AIRWAYS OF DO11.10 MICE.** S.M.Simet; P.J. Oldenburg; J.H. Sisson. Pulmonary, Critical Care, Sleep & Allergy, Univ. of Nebraska Med. Ctr. Omaha NE 68198
- 109-T-752 ACUTE ALCOHOL INTOXICATION REDUCES LYMPHATIC MYOGENIC CONSTRICTION BY INHIBITING THE CA²⁺-SENSITIZING RHOA-ROCK PATHWAY.** FM Souza-Smith, PE Molina, JW Breslin Dept. of Physiology, Alcohol and Drug Abuse Ctr. of Excellence, Louisiana State Univ. Health Sciences Ctr., New Orleans LA
- 110-T-753 PROTEOMIC ANALYSIS OF ALCOHOLIC CARDIOMYOPATHY IN HUMAN HEART TISSUE** H. Anni; E. Yohannes; G. E. Gonye; M. R. Chance; E. Rubin. Thomas Jefferson Univ., Dept of Pathology-Anatomy & Cell Biology, Philadelphia PA 19107, and Case Western Reserve Univ., Ctr. for Proteomics & Bioinformatics Cleveland OH 44106
- 111-T-754 PIGLITAZONE ATTENUATES ALCOHOL-INDUCED ALVEOLAR MACROPHAGE DYSFUNCTION VIA UP-REGULATION OF NOX4-RELATED MICRORNAS.** S.M. Yeligar; F.L. Harris; L.A. Brown; C.M. Hart. Alcohol and Lung Biology Ctr., Depts. of Pediatrics and Med., Atlanta Veterans Affairs and Emory Univ. Med. Ctrs., Decatur GA 30033

b. Musculoskeletal Disorders

- 112-T-755 BINGE ALCOHOL EXPOSURE CAUSES CANONICAL WNT PATHWAY DEREGLATION DURING EARLY FRACTURE HEALING** K.L. Lauing, P.M. Roper, R.K. Nauer, and J.J. Callaci Dept. of Orthopaedic Surgery & Rehabilitation, the Alcohol Res. Prog. and the Cell Biology, Neurobiology & Anatomy Prog., Loyola Univ. Stritch School of Med. Maywood IL 60153
- 113-T-756 THE ROLE OF FOXO TRANSCRIPTION FACTORS IN ACUTE AND REPEATED BINGE MODELS OF ALCOHOL-INDUCED DEFICIENT BONE FRACTURE REPAIR** P. M. Roper; K. L. Lauing; R. K. Nauer; J. J. Callaci. Dept. of Cell Biology, Neurobiology, and Anatomy, Burn Shock Trauma Inst., Alcohol Res. Prog., Loyola Univ. Med. Ctr., Maywood, Illinois
- 114-T-757 DIFFERENTIAL EFFECTS OF ALCOHOL EXPOSURE AND SIV PROTEINS ON MESENCHYMAL STEM CELL ADIPO- AND OSTEOGENESIS** R.W. Siggins; V. Piet; A. Amedee; G.J. Bagby; S. Nelson; D.A. Welsh; P.E. Molina Univ. Health Sciences Ctr. Dept. of Physiology and Comprehensive Alcohol Res. Ctr. New Orleans LA 70112

c. Adipose / Endocrine

- 115-T-758 IMPAIRED BROWN ADIPOSE TISSUE HOMEOSTASIS IN ALCOHOL CONSUMING MICE: A LINK WITH ALTERED RETINOID SIGNALING?** R. D. Clugston, M. Lee, M.J. Lewis, L-S. Huang, W.S. Blaner Dept. of Med., College of Physicians and Surgeons, Columbia Univ. New York NY 10032
- 116-T-759 MENSTRUAL CYCLES DURING ETHANOL SELF-ADMINISTRATION IN FEMALE RHESUS MONKEYS (MACACA MULATTA)** C.A.L. Stull; C.M. Helms; K.A. Grant Oregon National Primate Res. Ctr., Div. of Neuroscience Beaverton OR 97006
- 117-T-760 ALTERED PFC EXPRESSION OF GLIAL MARKERS IN MICE WITH A HISTORY OF BINGE ALCOHOL DRINKING** S.M. Webb, V. Valencia, M.G. Wroten, D.K. Cozzoli, K.K. Szumlinski Dept Psychological and Brain Sciences, UCSB Santa Barbara CA 93106

d. Epigenetics

- 118-T-761 GORDIS AWARD FINALIST - ETHANOL INDUCES PARALLEL CHANGES IN HIPPOCAMPAL HISTONE H3 PHOSPHORYLATION AND C-FOS PROTEIN EXPRESSION** J.A. McClain; K. Nixon Univ. of Kentucky, College of Pharmacy, Dept. of Pharmaceutical Sciences Lexington KY 40536
- 119-T-762 EPIGENETIC REGULATION OF BRAIN-ENRICHED MICRORNA MIR-124 EXPRESSION UNDER ETHANOL DEPENDENCE AND RELAPSE** K. Mizuo ; R. Katada ; S. Okazaki ; K. Tateda ; S. Watanabe ; H. Matsumoto Sapporo Med. Univ. School of Med., Sapporo, Japan
- 120-T-763 ALCOHOL CAUSES INHIBITION OF HISTONE DEACETYLASE (HDAC) 3, 4, AND 10 IN THE AIRWAY EPITHELIUM.** K.L. Bailey; M.R. Wilderdyke; J.E. Robinson; J.H. Sisson; T.A. Wyatt. Pulmonary, Critical Care, Sleep & Allergy, Univ. of Nebraska Med. Ctr. Omaha NE 68198

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6. PATHOLOGY: HUMAN / ANIMAL - Cont'd (Poster Numbers 103-128/ Abstract Numbers 746-771)

e. Cellular / Molecular

- 121-T-764 ANALYSIS OF VIRAL GENOTYPIC DIVERSITY IN THE ETHANOL-TREATED SIV-INFECTED MACAQUE MODEL** A.M. Amedee, S. Robichaux, N. Lacour, J. Dufour, S. Nelson, G.J. Bagby Louisiana State Univ. Health Sciences Ctr. New Orleans LA 70112
- 122-T-765 DISSECTING ENDOPLASMIC RETICULUM STRESS RESPONSE IN ALCOHOLIC PANCREATITIS** J. Wan; S. Kondraganti; K.K. Bhopale; G.A.S. Ansari; B. S. Kaphalia Dept. of Pathology, Univ. of Texas Med. Branch Galveston TX 77555
- 123-T-766 PROTEIN KINASE A (PKA) AND NEURONAL TRYPTOPHAN HYDROXYLASE (TPH2) IN THE DORSAL RAPHE NUCLEUS OF ALCOHOLICS: EFFECTS OF EARLY LIFE ADVERSITY** H. Bach; V. Arango; S.A. Kassir; A.J. Dwork; J.J. Mann and M.D. Underwood New York State Psychiatric Inst. at Columbia Univ. New York NY 10032
- 124-T-767 PLATELET-DERIVED GROWTH FACTOR-BB ACTIVATES CELL CYCLE BY SUPPRESSING MIR-373* EXPRESSION IN HUMAN ACTIVATED HEPATIC STELLATE CELLS** J. Arellanes-Robledo; M. Rojkind; M.R. Lakshman Dept. of Biochemistry & Molecular Biology, School of Med., The George Washington Univ. & VA Med. Ctr. Washington DC 20422
- 125-T-768 PROTEASOMAL DEGRADATION OF SKI IS AN IMPORTANT EVENT IN ACETALDEHYDE-MEDIATED UP-REGULATION OF THE HUMAN $\alpha 2$ (I) COLLAGEN GENE IN HEPATIC STELLATE CELLS.** K. Reyes-Gordillo; R. Shah; Z. Hernandez-Nazara; M. Amorim; A. Rosa-Rincon-Sanchez; C Else; G. Svegliati-Baroni; Y. Inagaki; F. Ramirez; M. Rojkind; M.R. Lakshman . Dept. of Biochemistry & Molecular Biology, School of Med., The George Washington Univ. & VA Med. Ctr. Washington DC 20422
- 126-T-769 ETHANOL OXIDATION REGULATES EARLY GROWTH RESPONSE-1 (EGR-1) GENE TRANSCRIPTION IN RECOMBINANT HEPG2 CELLS** P.G. Thomes1, N.A Osna1, C.S. Trambly1, J. S. Davis2, T.M. Donohue, Jr1 Liver Study Unit, Nebraska-Western Iowa Health Care System, Omaha1, NE, Depts of Internal Med. & Obstetrics & Gynecology2, Univ. of Nebraska Med. Ctr., Omaha, NE

f. Other

- 127-T-770 ROLE OF POL III GENE DEREGLATION IN ALCOHOL-ASSOCIATED BREAST CANCER*** Q.S. Zhang; X. Yu; D. Levy; S. Zhong** Univ. of Southern California, Keck School of Med. Los Angeles CA 90033
- 128-T-771 DETERMINING THE ROLE OF ETHANOL IN THE INITIATION OF ORAL SQUAMOUS CELL CARCINOMA USING A 4-NITROQUINOLINE 1-OXIDE MURINE CARCINOGENESIS MODEL** K. Osei-Sarfo; A. Urvalek; X.H. Tang; T. Bruno; L.J. Gudas Weill Cornell Med. College New York NY 10065

7. FETAL ALCOHOL SYNDROME / DEVELOPMENT (Poster Numbers 129-173/ Abstract Numbers 772-816)

a. Behavior / Cognition (more on Wednesday)

- 129-T-772 PRENATAL ALCOHOL EXPOSURE IS RELATED TO ALCOHOL ODOR RESPONSES IN OLDER TEENS.** L.M. Chiodo, J.H. Hannigan, R.J. Sokol, N.D. Phinney, M.K. Greenwald, J. Janisse, G. Naseef, V. Delaney-Black Wayne State Univ. Detroit MI 48201
- 130-T-773 AN FMRI STUDY OF BRAIN NETWORK INTERACTIONS IN SYNDROMAL AND NON-SYNDROMAL CHILDREN WITH FASD** V.A. Diwadkar; E.M. Meintjes; P. Jagtap; C.D. Molteno; S.W. Jacobson; J.L. Jacobson Wayne State Univ. School of Med., Detroit, MI 48207, and Univ. of Cape Town Faculty of Health Sciences, Cape Town, South Africa
- 131-T-774 EFFECTS OF FETAL ALCOHOL EXPOSURE ON ACQUISITION RATES IN VISUOSPATIAL AND VERBAL LEARNING** N.C. Dodge; C.E. O'Leary; V. Diwadkar; C.D. Molteno; E.M. Meintjes; J.L. Jacobson; S.W. Jacobson Wayne State Univ. School of Med., Detroit, MI 48207, and Univ. of Cape Town Faculty of Health Sciences, Cape Town, South Africa
- 132-T-775 SENSORIMOTOR TRAINING TO AFFECT BALANCE, ENGAGEMENT, AND LEARNING IN CHILDREN WITH AND WITHOUT FETAL ALCOHOL SPECTRUM DISORDERS** S. W. McCoy, T. Jirikowic, L.Y. Hsu, B. Dellon, R. Price, D. Rios, D. Kartin, S. Astley Univ. of Washington Seattle WA 98195
- 133-T-776 AROUSAL REGULATION AND STRESS REACTIVITY IN INFANTS WITH MODERATE TO HEAVY PRENATAL ALCOHOL EXPOSURE** T. Jirikowic1, M. L. Chen2, J. Nash1, B. Gendler1, and H. C. Olson1, 2, 3 Univ. of Washington, Seattle, WA 98195, Seattle Children's, Seattle, WA 98145, Seattle Children's Res. Inst. Seattle WA 98101
- 134-T-777 THE IMPACT OF PRENATAL ALCOHOL EXPOSURE ON NEUROPHYSIOLOGICAL ENCODING AND MEMORY IN UKRANIAN INFANTS 12-18 MONTHS POSTPARTUM** J Kable1, C Coles1, C Chambers2, C Keen3, J Uriu-Adams3, K Jones2, L Yevtushok4, Y Kulikovskiy4, W Wertelecki5, & the CIFASD Emory Univ. School of Med.1, Univ. of California at San Diego2, Univ. of California-Davis3, Rivne Oblast Med. Diagnostic Ctr. and OMNI-Net Ctr.4, Univ. of South Alabama5

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7. FETAL ALCOHOL SYNDROME / DEVELOPMENT - Cont'd (Poster Numbers 129-173/ Abstract Numbers 772-816)

a. Behavior / Cognition - cont'd (more on Wednesday)

- 135-T-778 FETAL ALCOHOL SPECTRUM DISORDERS AND THEORY OF MIND: AN EXPLORATORY STUDY OF SOUTH AFRICAN CHILDREN** N.M. Kilchenmann; K. Thomas; C.D. Molteno; N.C. Dodge; E.M. Meintjes; J.L., Jacobson; S.W. Jacobson Univ. of Cape Town Faculty of Health Sciences, Cape Town, South Africa, and Wayne State Univ. School of Med. Detroit MI 48207
- 136-T-779 VISUOSPATIAL SKILLS MEDIATE THE EFFECT OF FACIAL AFFECT RECOGNITION ON THEORY OF MIND IN CHILDREN WITH PRENATAL ALCOHOL EXPOSURE.** D.M. Graham; G.M Brusati; L. Glass; E.P. Riley; S.N. Mattson. Ctr. for Behavioral Teratology, San Diego State Univ. San Diego CA 92120
- 137-T-780 ATTENTION NETWORKS IN CHILDREN WITH HEAVY PRENATAL ALCOHOL EXPOSURE: COGNITIVE EFFORT.** J.D. Dudley; N. Crocker; S. Marshall; E.P. Riley; S.N Mattson. Ctr. for Behavioral Teratology, San Diego State Univ. San Diego CA 92120
- 138-T-781 ATTENTION NETWORKS IN CHILDREN WITH HEAVY PRENATAL ALCOHOL EXPOSURE: NEURAL ACTIVATION.** M.A. Infante; J.W. O'Brien; A.L. Ware; J. D. Dudley; E.P. Riley; and S.N. Mattson. Ctr. for Behavioral Teratology, San Diego State Univ. San Diego CA 92120
- 139-T-782 ATTENTION NETWORKS IN CHILDREN WITH HEAVY PRENATAL ALCOHOL EXPOSURE: NEUROBEHAVIORAL PERFORMANCE.** N. Crocker; B.N. Deweese; J.D. Dudley; E.P. Riley; S.N Mattson. Ctr. for Behavioral Teratology, San Diego State Univ. San Diego CA 92120
- 140-T-783 FACIAL MEMORY DEFICITS IN CHILDREN WITH HEAVY PRENATAL ALCOHOL EXPOSURE ARE BETTER ACCOUNTED FOR BY OTHER FACTORS.** G.M. Brusati; D.M. Graham; N. Crocker; L. Glass; A.L. Ware; E.P. Riley; S.N. Mattson. Ctr. for Behavioral Teratology, San Diego State Univ. San Diego CA 92120
- 141-T-784 PRENATAL ALCOHOL EXPOSURE X ADHD: INTERACTIVE EFFECTS ON ADAPTIVE FUNCTIONING.** A.L. Ware; L. Glass; N. Crocker; A.C. Vollmer; C.D. Coles; J.A. Kable; P.A. May; W.O. Kalberg; E.R. Sowell; K.L. Jones; E.P. Riley; S.N. Mattson; and the CIFASD. Ctr. for Behavioral Teratology, San Diego State Univ. San Diego CA 92120
- 142-T-785 PRENATAL ALCOHOL EXPOSURE X ADHD: INTERACTIVE EFFECTS ON NEUROPSYCHOLOGICAL PERFORMANCE.** L. Glass; A.L. Ware; N. Crocker; C.D. Coles; J.A. Kable; P.A. May; W.O. Kalberg; E.R. Sowell; K.L. Jones; E.P. Riley; S.N. Mattson; and the CIFASD. Ctr. for Behavioral Teratology, San Diego State Univ. San Diego CA 92120
- 143-T-786 PROSPECTIVE MEMORY IN FETAL ALCOHOL SPECTRUM DISORDERS (FASD)** C.E. O'Leary; K.G.F. Thomas; C.D. Molteno; M. Kliegel; J.L. Jacobson; S.W. Jacobson Univ. of Cape Town, Depts of Psychology, Psychiatry, and Human Biology, Cape Town, 7925, RSA, Wayne State Univ., Dept of Psychiatry and Behavioral Neurosciences Detroit MI 48207

b. Neurobiology (more on Wednesday)

- 144-T-787 MODERATE FETAL ALCOHOL EXPOSURE IMPAIRS ENRICHMENT-MEDIATED NEUROGENESIS IN THE ADULT MOUSE HIPPOCAMPUS** K. Kajimoto, A. M. Allan, L. A. Cunningham Dept. of Neurosciences, Univ. of New Mexico Health Sciences Ctr. Albuquerque NM 87131
- 145-T-788 NICOTINE SYNERGIZES WITH ETHANOL TO REGULATE THE EXPRESSION AND FUNCTION OF ETHANOL-SENSITIVE MIRNAS AND NACHR SUBUNITS IN FETAL NEURAL STEM CELLS** S. Balaraman*, R. C. Miranda Texas A&M Univ. & Texas A&M Health Science Ctr College Station TX 77840
- 146-T-789 ALCOHOL ALTERS CELLULAR DNA METHYLATION PROGRAM IN GROWTH RETARDED CORTEX AND HIPPOCAMPUS.** Y. Chen; N.C.Ozturk; F.C.Zhou. Indiana Univ. School of Med. Indianapolis IN 46202
- 147-T-790 PRENATAL ALCOHOL EXPOSURE ALTERS DNA METHYLATION PROGRAM DURING CRITICAL DEVELOPMENTAL PERIOD OF THE MAMMALIAN CEREBELLUM.** M. Resendiz; F.C. Zhou. Indiana Univ. School of Med. Indianapolis IN 46202
- 148-T-791 EFFECT OF ETHANOL ON ABC CHOLESTEROL TRANSPORTERS AND CHOLESTEROL LEVELS IN THE DEVELOPING RAT BRAIN** X. Zhang1, C. Zhou2, J. Chen2; L. Costa2; M. Guizzetti1. 1Univ. of Illinois at Chicago, Dept of Psychiatry, and Jesse Brown VA Med. Ctr., Chicago, IL, 60612, 2Univ. of Washington, Dept Env Occ Health Sci Seattle WA 98105
- 149-T-792 EFFECTS OF ALCOHOL ON ASTROCYTE CHONDROITIN SULFATE PROTEOGLYCAN: IMPLICATIONS FOR FETAL ALCOHOL SPECTRUM DISORDERS.** X. Zhang, S. Bhattacharyya, J.K. Tobacman, H. Kusumo, M. Guizzetti. Univ. of Illinois at Chicago, School of Med. and Jesse Brown VA Med. Ctr. Chicago IL 60612
- 150-T-793 OMEGA-3 FATTY ACID SUPPLEMENTATION RESCUES HIPPOCAMPAL LEARNING AND MEMORY DEFICITS ASSOCIATED WITH FETAL ALCOHOL SPECTRUM DISORDERS.** B. Christie, A. Patten, P. Brocardo, H. Sickmann Div. of Med. Sciences, Univ. of Victoria, Victoria, BC, Canada Island Med. Prog., Univ. of British Columbia, Victoria, BC, Canada
- 151-T-794 EFFECTS OF MODERATE PRENATAL ETHANOL EXPOSURE ON KAINATE RECEPTOR FUNCTION IN THE CA3 HIPPOCAMPAL REGION.** L. Topper; K.K. Caldwell; C.F. Valenzuela. Dept of Neurosci U of New Mexico HSC Albuquerque NM 87131

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7. FETAL ALCOHOL SYNDROME / DEVELOPMENT - Cont'd (Poster Numbers 129-173/ Abstract Numbers 772-816)

b. Neurobiology - cont'd (more on Wednesday)

- 152-T-795 **EFFECT OF VARIED LEVELS OF VOLUNTARY ETHANOL CONSUMPTION DURING PREGNANCY ON DENTATE GYRUS LONG TERM POTENTIATION IN ADULT MALE RAT OFFSPRING.** R.K. Varaschin; M.J. Rosenberg; D.A. Hamilton; D.D. Savage. Dept. of Neurosciences and Psychology, Univ. of New Mexico Albuquerque NM 87131
- 153-T-796 **FETAL ETHANOL EXPOSURE ELEVATES AGONIST-STIMULATED GI/GO PROTEIN-MEDIATED RECEPTOR-EFFECTOR COUPLING IN MULTIPLE BRAIN REGIONS OF ADULT RAT OFFSPRING.** N.A. Allen; R.K. Varaschin; M.J. Rosenberg; D.D. Savage. Dept. of Neurosciences, Univ. of New Mexico Albuquerque NM 87131
- 154-T-797 **NEONATAL ALCOHOL EXPOSURE IN MICE ALTERS DENDRITIC MORPHOLOGY IN THE CAUDATE PUTAMEN INDEPENDENTLY OF ADENYLYL CYCLASE 1/8 FUNCTION** L.L. Susick; J.L. Lowing; A.M. Provenzano; A.C. Conti. Wayne State Univ. School of Med. & John D Dingell VA Med. Ctr. Detroit MI 48201
- 155-T-798 **STRESS-INDUCED PLASTICITY OF THE DOPAMINE SYSTEM IS ALTERED FOLLOWING PRENATAL ALCOHOL EXPOSURE.** K. Uban¹, J. Weinberg², L. Galea¹. Univ. of British Columbia, ¹Dept. of Psychology and ²Dept. of Cellular and Physiological Sciences, Vancouver, BC, V6T 1Z4 Canada

c. Prevention / Treatment

- 156-T-799 **EFFECTS OF VOLUNTARY EXERCISE ON CELL MORPHOLOGY IN THE MEDIAL PREFRONTAL CORTEX OF RATS EXPOSED TO ALCOHOL DURING THE THIRD TRIMESTER EQUIVALENT** G.F. Hamilton, K.J. Criss & A.Y. Klitsova Psychology Dept, Univ of Delaware Newark DE 19716
- 157-T-800 **VOLUNTARY WHEEL RUNNING INCREASES FOSB/ Δ FOSB EXPRESSION IN THE DENTATE GYRUS OF RATS EXPOSED TO ALCOHOL DURING THIRD TRIMESTER EQUIVALENT** K.E. Boschen, G.F. Hamilton, A. Morales & A.Y. Klitsova Psychology Dept, Univ of Delaware Newark DE 19716
- 158-T-801 **WITHDRAWN**
- 159-T-802 **EFFECT OF GLUTAMINE SUPPLEMENTATION ON FETAL GROWTH AFTER THIRD TRIMESTER EQUIVALENT CHRONIC ALCOHOL EXPOSURE: OVINE MODEL** B. A. Kramer, T. M. Hohman, O. B. Sawant, E. R. Lunde, S. E. Wilson, G. Wu, T. A. Cudd Texas A&M Univ., College Station TX 77843
- 160-T-803 **PHARMACOKINETIC STUDY OF GLUTAMINE SUPPLEMENTATION IN MATERNAL AND FETAL COMPARTMENT AFTER ACUTE ALCOHOL EXPOSURE IN SHEEP** S. Wilson, O. Sawant, R. Lunde, T. Hohman, C. Tekwe, G. Wu, T. Cudd Texas A&M Univ., College Station TX 77843
- 161-T-804 **EFFECTS OF CHOLINE SUPPLEMENTATION ON THE VULNERABILITY OF OVINE LAMB CEREBELLAR PURKINJE CELLS IN RESPONSE TO 1ST TRIMESTER BINGE ALCOHOL EXPOSURE** T.M. Hohman, E.R. Lunde, S.R. Caffey, B.A. Kramer, O.B. Sawant, S.E. Wilson, and T.A. Cudd Texas A & M Univ. College Station 77483
- 162-T-805 **PRELIMINARY ANALYSIS OF THE IMPACT OF MICRONUTRIENT SUPPLEMENTS ON NEUROPHYSIOLOGICAL ENCODING AND MEMORY IN UKRAINIAN INFANTS 12-18 MONTHS POSTPARTUM** J Kable¹, C Coles¹, C Chambers², C Keen³, J Uriu-Adams³, K Jones², L Yevtushok⁴, Y Kulikovskiy⁴, W Wertelecki⁵, & the CIFASD Emory Univ. School of Med.1, Univ. of California at San Diego², Univ. of California-Davis³, Rivne Oblast Med. Diagnostic Ctr. and OMNI-Net Ctr.⁴, Univ. of South Alabama⁵
- 163-T-806 **CHOICES: AN INTERVENTION TO REDUCE THE RISK OF ALCOHOL-EXPOSED PREGNANCY (AEP) CAN BE IMPLEMENTED IN DIVERSE SETTINGS** P. L. Gillen; K. L. Peterson; G. Chander; H. E. Hutton. Univ. of Colorado Denver Anschutz Med. Campus, Aurora CO 80045, Denver Public Health, Denver CO 80204, Johns Hopkins Univ. School of Med. Baltimore MD 21205
- 164-T-807 **EPIDEMIOLOGY OF FETAL ALCOHOL SYNDROME IN SOUTH KOREA: AN ACTIVE CASE ASCERTAINMENT STUDY** HK Lee, The Catholic Univ. of Korea; KH Joe, Dasarang Hospital; JS Seo, Konkuk Univ. Dept. of Psychiatry, Thg Catholic Univ. of Korea, Seoul, South Korea
- 165-T-808 **AN EPIDEMIOLOGY OF DIAGNOSING THE FULL SPECTRUM OF FASD** P.A. May, A-S. Marais, R. Barnard, S. Seedat, J. Blankenship, and J.P. Gossage Univ. of North Carolina, Kannapolis, Univ. of Stellenbosch, South Africa, and The Univ. of New Mexico, Albuquerque
- 166-T-809 **HIGH RISK PREGNANT WOMEN AND CASE MANAGEMENT: EFFICACY OF PREVENTION IN A COMMUNITY WITH THE HIGHEST FETAL ALCOHOL SYNDROME PREVALENCE IN THE WORLD** A. Blom, M. Cloete, N. Hendricks, B. Joubert, S. Roux, R. Barnard, C. Snell, A-S. Marais, S. Seedat, J.P. Gossage, J. Blankenship, and P.A. May Univ. of Stellenbosch, South Africa, Howard Univ., Washington, DC, The Univ. of New Mexico, Albuquerque, and Univ. of North Carolina, Kannapolis
- 167-T-810 **THE HAWAI'I FETAL ALCOHOL SPECTRUM DISORDERS TASK FORCE-CHALLENGES AND PROGRESS IN BUILDING A COMPREHENSIVE STATEWIDE SYSTEM.** J.M. Onoye Univ. of Hawai'i at Mānoa
- 168-T-811 **ALCOHOL, TOBACCO, AND DRUG USE AS REASONS FOR PREGNANCY TERMINATION** S.C.M. Roberts, D. Sinkford, L.A. Avalos, D.G. Foster Advancing New Standards in Reproductive Health (ANSIRH), Univ. of California, San Francisco, Oakland, CA, 94612, US Kaiser Permanente, Div. of Res., Oakland, CA, 94612, US

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TUESDAY, JUNE 26 ~ ~ ~ 4:00PM - 6:00PM

7. FETAL ALCOHOL SYNDROME / DEVELOPMENT - Cont'd (Poster Numbers 129-173/ Abstract Numbers 772-816)

c. Prevention / Treatment - cont'd

- 169-T-812 PROMISING THERAPY OF NEURAL STEM CELL TRANSPLANTATION FOR FASD MODEL-A NEW STRATEGY FOR NEURAL NETWORK RECONSTRUCTION AND BEHAVIOR RECOVERY** T. Shirasaka; T. Yoshinaga; W. Ukai; M. Tatenno; K. Watanabe; M. Kigawa; H. Kaneda; T. Igarashi; H. Ishikawa; E. Hashimoto; T. Saito Dept of Neuropsychiatry, Sapporo Med. Univ., Sapporo, Japan
- 170-T-813 PROSPECTIVE ASCERTAINMENT OF INFANTS IN TWO COMMUNITIES IN THE WESTERN CAPE; IDENTIFYING PREDICTORS OF FETAL ALCOHOL SPECTRUM DISORDERS IN INFANCY** W.O. Kalberg A-S Marais, E.H. Hoyme, P.A. May. Univ. of Stellenbosch, Faculty of Health Sciences, Tygerberg 7505, South Africa
- 171-T-814 IMPLEMENTING AND EVALUATING THE INSTITUTE OF MEDICINE (IOM) MODEL FOR PREVENTION OF FETAL ALCOHOL SPECTRUM DISORDERS (FASD)** P. A. May, J. P. Gossage, A-S Marais, C. Parry, M. de Vries, R. Barnard, and S. Seedat The Univ. of North Carolina at Chapel Hill, Gillings School of Global Public Health, The Univ. of New Mexico, CASAA, and Stellenbosch Univ., Faculty of Health Sciences
- 172-T-815 COMPARISON OF DRINKING PRACTICES, KNOWLEDGE, AND ATTITUDES OF ADULTS RESIDING IN COMMUNITIES TAKING PART IN THE FAS PREVENTION STUDY IN SOUTH AFRICA** J.P. Gossage, C.D.H. Parry, A-S Marais, R. Barnard, M. De Vries, S. Seedat, P.A. May Univ of New Mexico, CASAA, Faculty of Health Sciences, Univ of Stellenbosch, South Africa, Dept of Nutrition, Gillings School of Global Public Health, Univ of North Carolina
- 173-T-816 SELECTIVE PREVENTION OF FASD: SCREENING WOMEN IN ANTENATAL CLINICS FOR REFERRAL TO CASE MANAGEMENT** C. Snell, A-S Marais, R. Barnard, M. De Vries, S. Seedat, C.D.H. Parry, J.P. Gossage, and P.A. May The Univ. of North Carolina at Chapel Hill, Gillings School of Global Public Health, Howard Univ., The Univ. of New Mexico, and Stellenbosch Univ.

8. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS (Poster Numbers 174-226/ Abstract Numbers 817-869)

a. Negative affect regulation (affective disturbance, stress, anxiety) (more on Wednesday)

- 174-T-817 AVOIDANT COPING MEDIATES THE RELATIONSHIP BETWEEN POST-TRAUMATIC STRESS SYMPTOMS AND NEGATIVE ALCOHOL-RELATED CONSEQUENCES.** J. A. Grosso; S. L. Martindale; N. A. Kimbrel; E. C. Meyer; M. I. Kruse, S. Gulliver; S. B. Morissette; S. L. Dolan. VA VISN 17 Ctr. of Excellence for Res. on Returning War Veterans, Waco, Texas 76711, Texas A&M Health Science Ctr., College Station, Texas, Baylor Univ., Waco, Texas
- 175-T-818 THE RELATIONSHIP BETWEEN POSTTRAUMATIC EMOTIONAL NUMBING AND ALCOHOL USE AMONG RECENT COMBAT VETERANS.** C. Campbell; A. Pratt; S. Mckenzie; T. Bruder; K. Stanistreet-Clouston; S.A. Maisto; K. Possemato. Ctr. for Integrated Healthcare, Syracuse VA Med. Ctr. Syracuse NY 13210
- 176-T-819 RISK MECHANISMS AMONG TRAUMA EXPOSURE, PTSD SYMPTOMS, AND ALCOHOL AND DRUG PROBLEMS** M. Haller; L. Chassin Arizona State Univ., Dept. of Psychology Tempe AZ 85287
- 177-T-820 PROBLEM DRINKING AND DRUG ABUSE IN WOMEN SEXUAL ASSAULT SURVIVORS: ROLE OF TRAUMA HISTORY, COPING, AND PTSD** S.E. Ullman; M. Relyea; L. Peter-Hagene; A. Vasquez; M. Bhat Univ. of Illinois at Chicago Chicago IL 60607
- 178-T-821 DRINKING TO COPE, ANXIETY AND ALCOHOL-RELATED PROBLEMS AMONG HIGH-SCHOOL STUDENTS** V. Grazioli; H. Douglas; T. Dillworth; T. Pace; A.M. McCleary; J. Kilmer; M.E. Larimer Univ. of Washington, Dept. of Psychiatry & Behavioral Sciences Seattle WA 98195
- 179-T-822 AN EVALUATION OF THE STRESS-NEGATIVE AFFECT MODEL IN EXPLAINING ALCOHOL USE: THE ROLE OF COMPONENTS OF NEGATIVE AFFECT AND COPING STYLE** S. Dermody, J. Cheong, & S. Manuck Univ. of Pittsburgh Dept. of Psychology, Pittsburgh PA 15260
- 180-T-823 INTERACTIONS BETWEEN COPING STYLE AND DRINKING TO COPE IN PREDICTING NATURALISTIC DRINKING AND DRINKING FOLLOWING A LAB-BASED PSYCHOSOCIAL STRESSOR.** J.E. Merrill; S.E. Thomas. Med. Univ. of South Carolina, Ctr. for Drug and Alcohol Progs. Charleston SC 29425
- 181-T-824 THE UNIQUE ASSOCIATION OF SUICIDAL IDEATION WITH DRINKING TO COPE AMONG COLLEGE BINGE DRINKERS** V. M. Gonzalez; T. Stewart; V. M. Hewell Univ. of Alaska Anchorage, Dept. of Psychology Anchorage AK 99508
- 182-T-825 MULTILEVEL ANALYSIS OF LONGITUDINAL ALCOHOL AND MARIJUANA USE AS A FUNCTION OF GENDER, NEGLECT, AND VIOLENCE IN ADOLESCENTS.** H. Edalati and M. D. Krank The Univ. of British Columbia, Kelowna, BC Canada
- 183-T-826 DAILY STRESSORS AND ALCOHOL IN FIRE SERVICE.** M. Owens; L.E. Steffen; B.W. Smith. Univ. of New Mexico, Albuquerque NM 87106
- 184-T-827 EMOTION REGULATION AND DAILY ARGUMENTS INTERACT TO PREDICT ALCOHOL CONSUMPTION IN PARTNERED SOCIAL DRINKERS** J.L. Derrick; M. Testa; A. Levitt Res. Inst. on Addictions, Univ. at Buffalo, SUNY Buffalo NY 14203

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8. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS - Cont'd (Poster Numbers 174-226/ Abstract Numbers 817-869)

a. Negative affect regulation (affective disturbance, stress, anxiety) - cont'd (more on Wednesday)

- 185-T-828 MODERATORS AND MEDIATORS OF ALCOHOL USE IN ADOLESCENT SMOKERS** M.F. Conrad, J.D. Kassel, A.R. Braun, G.E. Giedgowd, S. Weber, R.J. Mermelstein Univ. of Illinois at Chicago, Dept. of Psychology Chicago IL 60607
- 186-T-829 DRINKING CONTROL & REASONS FOR DRINKING AS MEDIATORS IN THE DEPRESSION PATHWAY TO DRINKING QUANTITY/FREQUENCY & ALCOHOL-RELATED PROBLEMS** J.A. Patock-Peckham¹; A.A. Morgan-Lopez; K.M. King; S. Mistler¹; R.F. Leeman; L.M. Backer-Fulghum ¹Arizona State Univ., Dept. of Psychology Tempe AZ 85287
- 187-T-830 THE RELATIONSHIP BETWEEN DEPRESSIVE SYMPTOMS AND ALCOHOL DEMAND** A. M. Yurasek; J. Murphy; A. Dennhardt; J. MacKillop; J. Skidmore; M. Martens Univ. of Memphis, Memphis, TN, US
- 188-T-831 DOES DIFFERENTIAL ENDORSEMENT OF DIMENSIONS OF SEXUAL ORIENTATION RELATE TO PROBLEMATIC DRINKING AND DEPRESSIVE SYMPTOMS?** A.E. Talley, F. Aranda, T.L. Hughes, M.P. Marshal, & K.J. Sher Univ. of Missouri, Dept. of Psychological Sciences Columbia MO 65211

b. Positive affect regulation (reward seeking)

- 189-T-832 PRINCIPAL COMPONENT ANALYSIS OF BEHAVIORAL AND SELF-REPORTED IMPULSIVITY IN THE BARCS STUDY** J. Sisante, R. Rosen, R. Jiantonio, S. Meda,, B. Narayanan, K. Anderson, C. Austad, R. Wood., C. Fallahi, S. Raskin, H. Tennen, B. Anderson, K. Hawkins, G. Pearlson Olin Neuropsychiatry Res. Ctr., Inst. of Living, Hartford Hosp., Hartford CT, 06106, Yale Univ. School of Med. New Haven CT
- 190-T-833 THE ROLE OF IMPULSIVITY ON ALCOHOL-TOBACCO USE AND CO-USE IN COLLEGE STUDENTS WITH RECENT SMOKING INITIATION** N. Doran; R.S. Trim; C.A. Schweizer; M.G. Myers Univ. of California-San Diego, Dept of Psychiatry La Jolla CA 92093
- 191-T-834 THE MOTIVATION FOR ALCOHOL REWARD: PREDICTORS OF PROGRESSIVE-RATIO INTRAVENOUS (IV) ALCOHOL SELF-ADMINISTRATION IN SOCIAL DRINKERS** B.L. Stangl; M. Zametkin; D.W. Hommer; V.A. Ramchandani Sec. on Human Psychopharmacology, LCTS, NIAAA, NIH Bethesda MD 20892
- 192-T-835 TRAITS OF PEOPLE DIFFER BY THEIR PERFORMANCE ON FREE-ACCESS AND PROGRESSIVE-WORK ALCOHOL SELF ADMINISTRATION PARADIGMS.** S. O'Connor, M. Plawecki, A. Kosobud, U. Zimmermann, J. Nurnberger, K. White, L. Fischer and J. Hays. Indiana Univ. Sch. of Med. Indianapolis IN 46202
- 193-T-836 ALCOHOL AND CONTEXT EFFECTS ON RISK TAKING USING THE BALLOON ANALOGUE RISK TASK (BART).** C.J. Scott; W.R. Corbin; S. Zalewski Dept. of Psychology, Arizona State Univ. Tempe AZ 85287
- 194-T-837 ALCOHOL AND GROUP FORMATION: A MULTIMODAL INVESTIGATION OF THE EFFECTS OF ALCOHOL ON EMOTION AND SOCIAL BONDING** K. G. Creswell; C. E. Fairbairn; J. D. Dimoff; B. W. Heckman; M. A. Sayette. Univ. of Pittsburgh Pittsburgh PA 15260
- 195-T-838 INTEGRATING LABORATORY AND BRIEF INTERVENTION METHODS TO ENHANCE BEHAVIOR CHANGE IN NON TREATMENT-SEEKING BINGE DRINKERS WHO SMOKE: A PILOT STUDY.** A. King, P. McNamara, M. Palmeri, C. Trela. Univ. of Chicago Dept. of Psychiatry & Behavioral Neuroscience Chicago IL 60637
- 196-T-839 BOYS WILL BE BOYS: INCREASES IN SENSATION SEEKING IN EARLY ADOLESCENCE MAY BE GENDER SPECIFIC** M.V. McMurray; P.E. Greenbaum; M.S. Goldman Univ. of South Tampa, Dept. of Psychology Tampa FL 33620

c. Social / Cultural norms (beliefs, attitudes, values) (more on Monday)

- 197-T-840 SEXUAL ASSAULT, DRINKING NORMS, AND DRINKING BEHAVIOR IN LESBIAN AND BISEXUAL COLLEGE WOMEN.** A. K. Gilmore; K. Koo; H. V. Nguyen; H. F. Granato; D. Kaysen. Univ. of Washington Seattle WA 98195
- 198-T-841 U.S. TRENDS IN PERCEPTIONS OF SITUATIONAL NORMS FOR DRINKING AND INTOXICATION OVER THREE DECADES BASED ON SEVEN NATIONAL ALCOHOL SURVEYS** T.K. Greenfield, Y. Ye, W.C. Kerr, J.C. Bond Alcohol Res. Group, Public Health Inst. Emeryville CA 94608
- 199-T-842 CULTURAL NORMS REGARDING ALCOHOL USE AMONG TWO GENERATIONS OF CAMBODIAN AMERICANS** J.P. Lee; A. Pagano; H. Nhung; T. Sin Prevention Res. Ctr. of the Pacific Inst. for Res. and Evaluation, Berkeley CA 94702
- 200-T-843 DIMENSIONS OF ACCULTURATION AND ACCULTURATIVE STRESS: ASSOCIATIONS WITH HAZARDOUS ALCOHOL USE AMONG ASIAN AMERICAN COLLEGE STUDENTS.** B.L. Zamboanga; C.M. Brown; Y. Jiang; K. Van Tyne; S.E. Des Rosiers; L.S. Ham; M. Bersamin; S.J. Schwartz. Smith College, Dept. of Psychology Northampton MA 01063
- 201-T-844 ACCULTURATION, PEER DRINKING, PROTECTIVE BEHAVIORS, AND ALCOHOL-RELATED PROBLEMS IN ASIAN AND PACIFIC ISLANDER AMERICAN COLLEGE STUDENTS: A PATH MODEL.** A.P. Paves, S. H. Hsu, J. Liu & T.W. Lostutter Univ. of Washington, Ctr. for the Study of Health and Risk Behaviors, Dept. of Psychiatry and Behavioral Sciences Seattle WA 98195

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TUESDAY, JUNE 26 ~ ~ ~ 4:00PM - 6:00PM

8. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS - Cont'd (Poster Numbers 174-226/ Abstract Numbers 817-869)

c. Social / Cultural norms (beliefs, attitudes, values) - cont'd (more on Monday)

- 202-T-845 ALCOHOL CONSUMPTION, COPING, AND SEXUAL BEHAVIORS AMONG UNIVERSITY MEN IN VIET NAM: IMPLICATIONS FOR INTERVENTION.** L. M. Kaljee; T. Lostutter; L.H. Tho; T.T. Minh. Khanh Hoa Provincial Health Services, Nha Trang, Viet Nam
- 203-T-846 INVESTIGATING FACTORS UNDERLYING RACIAL/ETHNIC DIFFERENCES IN COLLEGE STUDENT DRINKING.** B.L. Greenfield; J.A. Ortiz; K.A. Hallgren; B.O. Ladd. Ctr. on Alcoholism, Substance Abuse, and Addictions and the Dept. of Psychology, Univ. of New Mexico Albuquerque NM 87106
- 204-T-847 ALCOHOL RISK BEHAVIORS AMONG HISPANIC EMERGING ADULTS: THE ROLE OF ACCULTURATION CATEGORIES AND ALCOHOL EXPECTANCIES.** S.E. Des Rosiers;1 S.J. Schwartz;1B.L. Zamboanga; 2 L.S. Ham;3 Huang, S.1 1Univ. of Miami Leonard Miller School of Med., Miami, FL 2Smith College, Northampton, MA 3Univ. of Arkansas, Fayetteville, AR
- 205-T-848 ALCOHOL-RELATED PROBLEMS AND PROTECTIONS AMONG MALE AND FEMALE HIGH SCHOOL AND UNIVERSITY STUDENTS IN MEXICO.** L. Strunin*; A. Diaz- Martinez+, L.R. Diaz- Martinez+, C. A.Hernandez- Avila^, M. Winter*, T. Heeren*, H. Fernandez-Varela+ *Boston Univ. School of Public Health, Boston, MA 02118, +National Autonomous Univ. of Mexico (UNAM), Mexico City, Mexico, ^Univ. of Connecticut Med. School Farmington CT 06030
- 206-T-849 PROTECTIVE CULTURAL FACTORS AND ALCOHOL USE AMONG MALE AND FEMALE STUDENTS IN MEXICO** L. Strunin*; A. Diaz- Martinez+, L.R. Diaz- Martinez+, C.A. Hernandez- Avila^, J. Ellis*, C. C.Garcia-Bernabe+, H. Fernandez-Varela+ *Boston Univ. School of Public Health, Boston, MA 02118 +National Autonomous Univ. of Mexico (UNAM), Mexico City, Mexico ^Univ. of Connecticut School of Med. Farmington CT 06030
- 207-T-850 THE PROTECTIVE EFFECTS OF ETHNIC IDENTIFICATION ON ALCOHOL INVOLVEMENT IN A SAMPLE OF ALASKA NATIVE AND NON-NATIVE COLLEGE STUDENTS** A.R. Vasquez; M.C. Skewes Univ. of Alaska Fairbanks Fairbanks AK 99775
- 208-T-851 NOT ACCORDING TO PLAN: DISCREPANCIES BETWEEN ANTICIPATED AND ACTUAL SPRING BREAK DRINKING** C.M. Lee; M.E. Patrick; I.M. Geisner; N.R. Mastroleo; & A. Mittmann Univ. of Washington Seattle WA 98195
- 209-T-852 UNDER-AGED YOUTH EXPOSURE TO ALCOHOL ADVERTISING IN CANADA** M. D. Krank, B. Rempel, and C. Heung The Univ. of British Columbia, Kelowna, BC Canada
- 210-T-853 DOES PERCEIVED ACCESS TO ALCOHOL RELATE TO AGE OF FIRST DRINK AND NEGATIVE CONSEQUENCES IN HIGH SCHOOL SENIORS?** H. A. C Douglas, S. A. Desai, T. Dillworth, V. Grazioli, T. Taylor, S. Bowen, & M.E. Larimer Univ. of Washington, Dept. of Psychiatry & Behavioral Sciences, Seattle, WA

d. Cognitive Determinants (info processing, expectancies, motivation) (more on Sunday, Monday, Wednesday)

- 211-T-854 GETTING INTO THE SPIRIT: ALCOHOL-RELATED INTERPRETATION BIAS IN HEAVY DRINKING STUDENTS** M.L. Woud; D. Fitzgerald; R.W. Wiers; M. Rinck; E.S. Becker Radboud Univ. Nijmegen, Behavioural Science Inst., Nijmegen, NL 6525 HR
- 212-T-855 MEASURING COLLEGE STUDENTS' MOTIVES BEHIND PREPARTYING DRINKING: DEVELOPMENT AND VALIDATION OF THE PREPARTYING MOTIVATIONS INVENTORY** J.F. Hummer; J.W. Labrie; E.R. Pedersen; T. Chithambo; A. Lac; & C. Tyson Loyola Marymount Univ. Dept. of Psychology, Los Angeles CA 90045
- 213-T-856 GENDER DIFFERENCES IN EXPECTANCIES, MOTIVATIONS, AND EXPERIENCED ALCOHOL-RELATED CONSEQUENCES ON SPRING BREAK** C. A. Bagne; M. E. Patrick Univ. of Michigan Ann Arbor MI 48106
- 214-T-857 DRINKING UNTIL YOU WIN: THE IMPACT OF PERCEIVED TOLERANCE AND DRINKING GAME TYPE ON MAXIMUM IN-GAME ALCOHOL CONSUMPTION** P.J. Ehret; J.W. LaBrie Loyola Marymount Univ. Los Angeles CA 90045
- 215-T-858 A CROSS-NATIONAL STUDY OF DRINKING MOTIVES IN COLLEGE STUDENTS** M. Couture, S.H. Stewart, E.N. Kuntsche, M.L. Cooper, R.M. O'Connor, S. Armeli, A. Bernstein, P.J. Conrod, Z. Demetrovics, L.S. Ham, C.D. Mohr, D. Regan, K. J. Sher, M.A.P. Teixeira, & H. Tennen Dalhousie Univ., Dept. of Psychology, Halifax, NS B3H 4R2 Data were also collected from 13 other sites
- 216-T-859 ALCOHOL AND CAFFEINE AND PERCEPTIONS OF RISK FOR DRINKING AND DRIVING.** M.E. Niclete; D.H. Morris; B.D. Bartholow; D.M. McCarthy Univ. of Missouri Columbia MO 65211
- 217-T-860 THE ROLE OF ALCOHOL EXPECTANCIES IN DRINKING BEHAVIOR AMONG WOMEN WITH AUD AND PTSD.** U.S. Myers1; K.C. Wilkins1; S.B. Norman1,2. 1SDSU/UCSD Joint Doctoral Prog. in Clinical Psychology, San Diego, CA, 92120 2UCSD Sch. of Med. and VA San Diego Healthcare System
- 218-T-861 DYSFUNCTIONAL INTERPERSONAL BEHAVIOR, EMOTION DYSREGULATION, AND DRINKING SEVERITY IN A SAMPLE OF INDIVIDUALS WITH BORDERLINE PERSONALITY DISORDER** D. Hunter Reel, J. Liu, K.E. Korslund, M. Harned, and M.M. Linehan. Univ. of Washington Seattle WA 98195

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8. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS - Cont'd (Poster Numbers 174-226/ Abstract Numbers 817-869)

d. Cognitive Determinants (info processing, expectancies, motivation) - cont'd (more on Sunday, Monday, Wednesday)

- 219-T-862 **COGNITIVE FUNCTIONING, IMPULSIVITY AND RISK-TAKING: RELATIONSHIPS WITH MEASURES OF CLINICAL SYMPTOMOLOGY IN VETERANS WITH PTSD AND AUD** A.J. Heinz; A. Waldrop; B.A. Lasher; E. Herbst; S. Prathikanti; T.C. Neylan; T. Metzler; I. Petrakis; G. Tarasovsky; S.L. Batki UCSF Dept. of Psychiatry and San Francisco VA Med. Ctr. San Francisco CA 94121
- 220-T-863 **RISK-TAKING, IMPULSIVITY, MEMORY & EXECUTIVE FUNCTIONING AS OUTCOME PREDICTORS IN A TRIAL OF TOPIRAMATE FOR ALCOHOL DEPENDENCE IN VETERANS WITH PTSD** S.L. Batki; B.A. Lasher; A. J. Heinz; E. Herbst; T. Metzler; S. Prathikanti; A. Waldrop; T.C. Neylan; G. Tarasovsky UCSF Dept. of Psychiatry and San Francisco VA Med. Ctr. San Francisco CA 94121
- 221-T-864 **COGNITIVE PROCESSING BIASES FOR ALCOHOL-RELATED STIMULI AMONG ALCOHOL-DEPENDENT ADULTS ATTENDING RESIDENTIAL TREATMENT** A.A. Klein, J.J. Anker, L.M. Nelson Hazelden Foundation Center City MN 55012
- 222-T-865 **GORDIS AWARD FINALIST - NEUROCOGNITIVE IMPAIRMENT INTERACTS WITH 12-STEP AFFILIATION AND DEPRESSION TO PREDICT FUTURE DRINKING IN DEPRESSED, SUBSTANCE-DEPENDENT VETERANS** M.J. Worley, S.F. Tapert, E. Granholm, & S.A. Brown Univ. of California San Diego and VA San Diego Healthcare System San Diego CA 92093
- 223-T-866 **APPROACH AND AVOIDANCE DIMENSIONS OF CRAVING PREDICT DRINKING FOLLOWING TREATMENT INITIATION IN PATIENTS DIAGNOSED WITH A SEVERE MENTAL ILLNESS AND ALCOHOL USE DISORDER** R.C. Schlauch; C.M. Bradizza; A. Levitt; P.R. Stasiewicz; S.A. Maisto; G.J. Connors Res. Inst. on Addictions, Univ. at Buffalo, State Univ. of New York Buffalo NY 14203
- 224-T-867 **AFFECT AND CRAVING: POSITIVE AND NEGATIVE AFFECT ARE DIFFERENTIALLY ASSOCIATED WITH APPROACH AND AVOIDANCE DIMENSIONS OF CRAVING** R.C. Schlauch; D. Gwynn-Shapiro; D.S. Molnar; A.R. Lang Res. Inst. on Addictions, Univ. at Buffalo, State Univ. of New York Buffalo NY 14203
- 225-T-868 **AFFECTIVE AND ANXIETY DISORDERS MODERATE THE EFFECTS OF EFFORT TO REGULATE ALCOHOL USE ON LONG-TERM REMISSION FROM ALCOHOL DEPENDENCE** M. Haller; L. Chassin Arizona State Univ., Dept. of Psychology Tempe AZ 85287

e. Learning (modeling reinforcement, classical conditioning)

- 226-T-869 **WAS IT WORTH IT? PERCEPTIONS OF POSITIVE AND NEGATIVE CONSEQUENCES IN DISCRETE DRINKING OCCASIONS** B.C. Leigh; C.M. Lee; T.E. Herring Univ. of Washington, Alcohol and Drug Abuse Inst. and Ctr. for the Study of Health and Risk Behaviors Seattle WA 98195

9. CONSEQUENCES OF ALCOHOL CONSUMPTION IN HUMANS (Poster Numbers 227-263/ Abstract Numbers 870-906)

a. Social harms (family, legal or work problems) (more on Wednesday)

- 227-T-870 **RELATIONSHIPS BETWEEN SPECIFIC COPING STRATEGIES AND VIOLENCE AMONG ALCOHOL AND DRUG USERS IN RESIDENTIAL TREATMENT** E. E. Bonar, M. Ilgen, A. Bohnert, & S. Chermack Univ. of Michigan, Dept. of Psychiatry Ann Arbor MI 48109
- 228-T-871 **NEIGHBORHOOD CHARACTERISTICS, EMOTION AND SOCIAL NORMS: RELATIONSHIPS WITH HEAVY DRINKING AND NEGATIVE ALCOHOL-RELATED CONSEQUENCES** K.J. Karriker-Jaffe and H. Liu. Alcohol Res. Group, Public Health Inst. Emeryville CA 94608
- 229-T-872 **POVERTY AND ALCOHOL/DRUG USE DISORDERS AS PROSPECTIVE PREDICTORS OF FIRST-TIME HOMELESSNESS** R.G. Thompson; E. Greenstein; M.M. Wall; D. Hasin. Columbia Univ., Dept. of Psychiatry New York NY 10032
- 230-T-873 **PSYCHIATRIC CORRELATES OF PERCEIVED ALCOHOL STIGMA IN A NATIONALLY REPRESENTATIVE SAMPLE** J. E. Glass; S. D. Kristjansson; K. K. Bucholz George Warren Brown Sch. of Social Work School of Med. Dept. of Psychiatry Midwest Alcoholism Res. Ctr. Washington Univ., St Louis
- 231-T-874 **SOCIAL NETWORKS OF PERSONS WITH ALCOHOL USE DISORDERS, MOOD DISORDERS AND CO-OCCURRING DISORDERS** O. Mowbray, J.A. Cranford, & B.E. Perron. Addiction Res. Ctr. and Substance Abuse Sec., Dept. of Psychiatry, Univ. of Michigan Ann Arbor MI 48105
- 232-T-875 **TESTING A GENERAL MODEL OF EMPLOYEE ALCOHOL USE AND WORKPLACE PRODUCTIVITY AMONG U.S. WORKERS** M. R. Frone; J. R. Trinidad SUNY-Buffalo, Res. Inst. on Addictions Buffalo NY 14203
- 233-T-876 **PRESSURE TO REDUCE DRINKING AND REASONS FOR SEEKING TREATMENT** R.A. Korcha, D.L. Polcin, T.K. Greenfield, W.C. Kerr, J.C. Bond Alcohol Res. Group, Emeryville, CA 94608 Public Health Inst.
- 234-T-877 **DUI OFFENDERS: WHO IS OVERLOOKED IN MANDATING OFFENDERS TO TREATMENT?** Maxwell, J. C. Ctr. for Social Work Res. The Univ. of Texas at Austin

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TUESDAY, JUNE 26 ~ ~ ~ 4:00PM - 6:00PM

9. CONSEQUENCES OF ALCOHOL CONSUMPTION IN HUMANS - Cont'd (Poster Numbers 227-263/ Abstract Numbers 870-906)

a. Social harms (family, legal or work problems) - cont'd (more on Wednesday)

- 235-T-878 AL-ANON NEWCOMERS' REASONS FOR INITIATING ATTENDANCE: CONCERNS ABOUT THE PROBLEM DRINKER** M. Joyner; S. Chan; R. Cronkite; C. Timko. Ctr. for Health Care Evaluation, Dept. of Veterans Affairs and Stanford Univ. Palo Alto CA 94025
- 236-T-879 INVESTIGATING THE LINK BETWEEN AL-ANON FAMILY GROUP MEMBERSHIP AND INTIMATE PARTNER VIOLENCE VICTIMIZATION.** R.M. Leone; A.M. Cohn Univ. of South Florida, Dept. of Mental Health Law and Policy Tampa FL 33612
- 237-T-880 THE RELATIONSHIP BETWEEN ALCOHOL USE AND INTERPERSONAL STRESSORS IN DAILY LIFE.** W.C. Brown, R. L. Tomko, P.K. Wood, T. J. Trull Univ. of Missouri Columbia MO 65211
- 238-T-881 DISTAL AND PROXIMAL RISK FACTORS FOR NON-PARTNER VIOLENCE IN A SUBSTANCE USE DISORDER TREATMENT SAMPLE** QM Epstein-Ngo, MA Walton, ST Chermack. Univ. of Michigan Ann Arbor MI 48109
- 239-T-882 GENDER DIFFERENCES IN SUBSTANCE USE AND SEXUAL HARASSMENT PERPETRATION AMONG AFRICAN AMERICAN ADOLESCENTS** K. M. Day; J. A. Cranford; S. E. McCabe; & C. J. Boyd. Univ. of Michigan Substance Abuse Res. Ctr. Ann Arbor MI 48109
- 240-T-883 RELATIONSHIP BETWEEN IMPULSIVITY, AGE OF ONSET OF ALCOHOL USE, AND ALCOHOL-RELATED SEXUAL CONSEQUENCES IN HIGH SCHOOL SENIORS** E. Leickly, A.M. McCleary, T. Dillworth, M.A. Lewis, M.E. Larimer Univ. of Washington, Dept. of Psychiatry and Behavioral Sciences Seattle WA 98195
- 241-T-884 ALCOHOL AND SEXUAL AGGRESSION IN MALE COLLEGE STUDENTS** M. Testa, J.H. Hoffman, J.P. King Univ. at Buffalo Buffalo NY 14203
- 242-T-885 AN EVENT-LEVEL ANALYSIS OF THE RELATIONSHIP BETWEEN ALCOHOL USE AND SEX-RELATED CONSEQUENCES: DOES IT VARY BY GENDER OR PREVIOUS SEXUAL VICTIMIZATION?** N.M. Scaglione; A.E. Ray; R. Turrisi Pennsylvania State Univ., Dept. of Biobehavioral Health & Prevention Res. Ctr. State College PA 16801
- 243-T-886 GENERAL MOTIVATIONAL ORIENTATION AND ITS ROLE IN IPV AND ALCOHOL CONSUMPTION** A. DiBello; C. Overup; L. Rodriguez; C. Neighbors Univ. of Houston, Dept. of Psychology Houston TX 77204
- 244-T-887 DESCRIPTIVE CHARACTERISTICS OF A SAMPLE OF NON-TREATMENT-SEEKING FEMALE RAPE VICTIMS WITH AND WITHOUT AN ALCOHOL USE DISORDER** A.M. Cohn, B.T. Hagman, J. Mitchell, S. Ehлке, S. Bramm, & K. Moore Dept. of Mental Health Law and Policy, Univ. of South Florida, Tampa FL 33612

b. Learning and Cognition

- 245-T-888 THE 'DOUBLE-WHAMMY' EFFECT OF COMBINED SMOKING AND DRINKING UPON EVERYDAY PROSPECTIVE MEMORY.** T.M. Heffernan; T. S. O'Neill. Collaboration for Drug and Alcohol Res., Northumbria Univ., Newcastle upon Tyne, NE1 8ST, UK
- 246-T-889 THE IMPACT OF BINGE DRINKING UPON EVERYDAY PROSPECTIVE MEMORY.** T.M. Heffernan; T. S. O'Neill. Collaboration for Drug and Alcohol Res., Northumbria Univ., Newcastle upon Tyne, NE1 8ST, UK
- 247-T-890 DISRUPTION OF SLEEP RELATED MEMORY CONSOLIDATION BY AN ALCOHOL BINGE SUBSEQUENT TO LEARNING, IN LIGHT DRINKING COLLEGE STUDENTS.** J.K.M. Chan, J. Trinder, I.M. Colrain, C.L. Nicholas. The Univ. of Melbourne, Parkville, Vic 3010, Australia SRI International Menlo Park CA 94025
- 248-T-891 BINGE DRINKING COLLEGE STUDENTS SHOW ENHANCED IMPLICIT AND EXPLICIT MEMORY FOR ALCOHOL COMPARED TO NEUTRAL WORD CUES** S. Ray; M. E. Bates Ctr. of Alcohol Studies, Rutgers-The State Univ. of New Jersey Piscataway NJ 08854
- 249-T-892 RELATIONSHIP BETWEEN PRIOR BRAIN INJURY AND ALCOHOL CONSUMPTION IN COLLEGE STUDENTS** S. Raskin; S. Isaac; R. Rosen; D. Correll; H. Tennen; C. Austad; R. Wood, C. Fallahi; M. Ginley; D. Estefan; M. Royals; N. Kaur; K. Hawkins; G. Pearson Trinity College, Olin Neuropsychiatry Res. Ctr., Inst. of Living at Hartford Hosp., Yale Univ. Dept. of Psychiatry, Univ. of Connecticut, Central Connecticut State Univ.
- 250-T-893 COGNITIVE PROCEDURAL LEARNING IN ALCOHOLISM AND KORSAKOFF'S SYNDROME: ERRORLESS VERSUS ERRORFUL LEARNING** AL Pitel 1,2,3; AP Le Berre 1,2,3; F Viader 1,2,3,5; F Vabret 1,2,3,4; C Boudehent 1,2,3,4; C Lannuzel 1,2,3,4; F Eustache 1,2,3; H Beaulieu 1,2,3 1 INSERM, U1077, Caen, France 2 UCBN, UMR-S1077, Caen, France 3 EPHE, UMR-S1077, Caen, France 4 CHU de Caen, service d'addictologie, Caen, France 5 CHU de Caen, service de neurologie, Caen, France
- 251-T-894 STUDY OF BRAIN ATROPHY LINKED WITH COGNITIVE PROCEDURAL LEARNING IMPAIRMENT IN PATIENTS WITH CHRONIC ALCOHOLISM** H. Beaulieu 1,2,3,4, A.L. Pitel 1,2,3,4, C. Boudehent 1,2,3,5, C. Lannuzel 1,2,3,4, A.P. Le Berre 1,2,3,4, F. Vabret 1,2,3,5, F. Eustache 1,2,3,4. 1 INSERM, U1077, Caen, France, 2 UCBN, UMR-S1077, Caen, France, 3 EPHE, UMR-S1077, Caen, France, 4 CHU, U1077, Caen, France, 5 CHU, service d'addictologie, Caen, France

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9. CONSEQUENCES OF ALCOHOL CONSUMPTION IN HUMANS - Cont'd (Poster Numbers 227-263/ Abstract Numbers 870-906)

b. Learning and Cognition - cont'd

- 252-T-895 EVIDENCE OF VISUOSPATIAL COMPROMISE OVER 5 YEARS IN ALCOHOLISM-HIV INFECTION COMORBIDITY; RELATION TO DISEASE PROGRESSION.** S. A. Sassoon; M. J. Rosenbloom; W. Chu; R. Fama; L. Horsch; E. V. Sullivan; A. Pfefferbaum SRI International Menlo Park CA 94025
- 253-T-896 FRONTOCEREBELLAR DAMAGE AND EXECUTIVE IMPAIRMENTS IN ALCOHOLICS** L. Ritz^{1,2,3,4} A.L. Pitel^{1,2,3,4} A.P. Le Berre^{1,2,3,4} C. Lannuzel^{1,2,3,4} C. Boudehent^{1,2,3,5} F. Vabret^{1,2,3,5} F. Eustache^{1,2,3,4} H. Beaunieux^{1,2,3,4} 1 INSERM, U1077, Caen, France, 2 UCBN, UMR-S1077, Caen, France, 3 EPHE, UMR-S1077, Caen, France, 4 CHU, U1077, Caen, France, 5 CHU, service d'addictologie, Caen, France
- 254-T-897 ALCOHOL MOOD AND COGNITIVE PERFORMANCE: A PILOT FIELD STUDY** A. B. Scholey; S. M. Benson; C. Neale; B. Tiplady Centre for Human Psychopharmacology, Swinburne Univ.
- 255-T-898 DEFICITS IN PROCESSING EMOTIONAL INFORMATION IN LONG-TERM ABSTINENT ALCOHOLICS** MJ Endres; G Fein Neurobehavioral Res., Inc Honolulu HI 96814
- 256-T-899 THE EFFECTS OF ALCOHOL AND ENERGY DRINK ON COGNITIVE PERFORMANCE AND MOOD** S. M. Benson; A. B. Scholey Swinburne Univ., Centre for Human Psychopharmacology
- 257-T-900 IMPULSIVITY AND RISK OF ALCOHOL USE AND SEXUAL BEHAVIORS: THE ROLE OF SEX-RELATED ALCOHOL EXPECTANCIES** A. L. Dir; M. A. Cyders IUPUI, Dept. of Psychology Indianapolis IN 46202
- 258-T-901 DIFFERENT LOBAR WHITE MATTER AND CSF VOLUMES IN PATIENTS WITH POLY-SUBSTANCE USE AND ALCOHOL USE DISORDER** A. Mon, C. Abe, T. C. Durazzo, D. Pennington and D. J. Meyerhoff DVA Med. Ctr. and Univ. of California San Francisco CA 94121
- 259-T-902 ADAPTING TO UNCERTAIN HIGH-RISK CONDITIONS IN ALCOHOL DEPENDENCE** Y.-C. Jung^{1,2}, E. M. Muller-Oehring^{1,3}, T. Schulte³, A. Pfefferbaum^{1,3}, E. V. Sullivan¹ 1 Dept of Psychiatry and Behavioral Sciences, Stanford Univ School of Med, CA, 2 Dept of Psychiatry, Yonsei Univ College of Med, South Korea, 3 Neuroscience Prog., SRI International, Menlo Park, CA
- 260-T-903 ACUTE INTOXICATION ALTERS PERCEIVED DANGER OF DRINKING AND DRIVING** D.H. Morris; M.E. Niculete; H.R. Treloar; D.M. McCarthy. Univ. of Missouri Columbia MO 65211
- 261-T-904 EFFECTS OF RECENT DRINKING HABITS ON TOLERANCE TO ALCOHOL IMPAIRMENT IN NON-DEPENDENT DRINKERS** M.A. Miller, M.T. Fillmore Univ. of Kentucky Lexington KY 40506
- 262-T-905 DANGEROUS DESCENT: REDUCED ACUTE TOLERANCE TO ALCOHOL IN ADULTS WITH ADHD.** W. Roberts; M. T. Fillmore; R. Milich. Univ. of Kentucky Lexington KY 40506
- 263-T-906 CORTICAL OSCILLATIONS ELICITED BY NOVEL & TARGET STIMULI ARE MODULATED BY ETHANOL DOSE & FAMILY HISTORY OF ALCOHOLISM DURING IV ETHANOL ADMINISTRATION** H. M. Fichtenholtz, J. Koretski, A. C. Perrino, G. Acampora, T. Watson, D. Mathalon, D. D. Limoncelli, G. McCarthy, J. H. Krystal, I. L. Petrakis Department of Psychiatry, Yale School of Med., New Haven, CT 06511, VA Connecticut Healthcare System West Haven CT 06516

10. TREATMENT / RECOVERY (Poster Numbers 264-306/ Abstract Numbers 907-949)

a. Assessment and Diagnosis (more on Monday)

- 264-T-907 EXPLORATORY FACTOR ANALYSIS OF A SCALE TO MEASURE EMOTIONAL AMBIVALENCE ABOUT REDUCING PROBLEM DRINKING.** S. Rice; B. Ladd; B. Greenfield; K. Hallgren; H. Delaney. Univ. of New Mexico, Ctr. on Alcoholism, Substance Abuse, and Addictions Albuquerque NM 87106
- 265-T-908 DISTRESS TOLERANCE AS A MEDIATOR BETWEEN DEPRESSION AND POSTTRAUMATIC STRESS DISORDER SYMPTOMS IN AN ALCOHOL DEPENDENT IN-PATIENT TREATMENT SAMPLE.** S.L. Martindale; L.P. Greenberg; S.P. Collum; S.L. Dolan. Baylor Univ. Dept. of Psychology and Neuroscience Waco TX 76798
- 266-T-909 DEVELOPMENT AND PRELIMINARY VALIDATION OF A SCALE OF ATTITUDES TOWARD HARM REDUCTION AND ABSTINENCE-ONLY ALCOHOL INTERVENTIONS** V. M. Gonzalez; M.C. Skewes Univ. of Alaska Anchorage, Dept. of Psychology Anchorage AK 99508
- 267-T-910 UNIQUE NEUROCOGNITION IN TREATMENT SEEKING POLYSUBSTANCE AND ALCOHOL USERS: DIFFERENCES IN DECISION MAKING, IMPULSIVITY, LEARNING, AND MEMORY** D.L. Pennington; T.C. Durazzo; C. Abe; T. Schmidt; A. Mon; D.J. Meyerhoff Ctr. for Imaging of Neurodegenerative Diseases, DVA Med. Ctr., Univ. of California San Francisco CA 94121
- 268-T-911 SCREENING U.S. CAMBODIANS FOR DISORDERED SUBSTANCE USE, A FEASIBILITY STUDY** J.P. Lee; T. Sin; R.S. Moore Prevention Res. Ctr. of the Pacific Inst. for Res. and Evaluation, Berkeley CA 94704

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10. TREATMENT / RECOVERY - Cont'd (Poster Numbers 264-306/ Abstract Numbers 907-949)

a. Assessment and Diagnosis- cont'd (more on Monday)

- 269-T-912 MI-BASED INTERVENTION MAY DECREASE THE LIE: SELF REPORTED PRE-TREATMENT AUDIT SCORES OF COURT REFERRED YOUTH INCREASE AFTER THEY RECEIVE MI TD** Nirenberg; J Baird; R Longabaugh; MJ Mello Injury Prevention Ctr., Rhode Island Hosp. Dept. of Emergency Med. Alpert Med. School Brown Univ. Providence RI
- 270-T-913 RISKY DRINKING, TRAUMATIC EVENTS AND PTSD AMONG ADULTS PRESENTING TO AN INNER-CITY EMERGENCY DEPARTMENT.** L Massey, K Bohnert, M Walton, S Chermack, K Barry, M Ilgen, A Bohnert, R Cunningham, B Booth, F Blow. Univ. of Michigan, Dept. of Psychiatry, Ann Arbor MI 48106
- 271-T-914 PARTNER RELATIONSHIP QUALITY AND INTERPERSONAL STYLES IN THE PREDICTION OF PEER SUPPORT AMONG VETERANS IN ALCOHOL AND DRUG TREATMENT** K.L. Sackett, L. Bui, C. Timko, D.M. Blonigen. Ctr. for Health Care Evaluation, Dept. of Veterans Affairs Palo Alto Health Care System Menlo Park CA 94025
- 272-T-915 PSYCHOLOGICAL AND PSYCHOSOCIAL FUNCTIONING IN PATIENTS WITH ALCOHOL-RELATED LIVER DISEASE PRE- AND POST-LIVER TRANSPLANTATION** J.P. Connor; N. Pegum; G.F.X. Feeney; R.McD. Young Alcohol and Drug Assessment Unit, Princess Alexandra Hosp., Brisbane, Queensland Australia 04102
- 273-T-916 VISUAL IMAGE INDUCED CRAVING FOR ETHANOL (VICE)** B. Holla; B. Viswanath; G. Venkatasubramanian; A. S. Maroky; D. Jayarajan; V. Benegal Dept. of Psychiatry, National Inst. of Mental Health and Neurosciences, Bangalore-560029, India
- 274-T-917 URGE DISTRESS AS A DIMENSION OF CRAVING FOR ALCOHOL** Murphy, C.M.; Rothbaum, A.O; Stojek, M.K.; MacKillop, J. Univ. of Georgia Athens GA 30602
- 275-T-918 NEUROTICISM AND AGGRESSION IN TREATMENT-SEEKING ALCOHOLICS WITH COMORBID POST-TRAUMATIC STRESS DISORDER (PTSD)** J.R. Sells; M.L. Schwandt; L.E. Kwako; D.W. Hommer; M. Heilig; D.T. George; V.A. Ramchandani. Lab. of Clinical and Translational Studies, National Inst. on Alcohol Abuse and Alcoholism, National Insts. of Health Bethesda MD 20892
- 276-T-919 CONTRASTING SUBSTANCE USE AND DEMOGRAPHIC CHARACTERISTICS IN TWO GROUPS OF TREATMENT SEEKING ALCOHOLIC WOMEN** L.A. Hoffman, L. Lincoln, A. Cortes, B. Enoch, & S.J. Nixon. Univ. of Florida, Dept. of Psychiatry, Gainesville FL 32610
- 277-T-920 PERSONALITY TRAITS IN THE PREDICTION OF TREATMENT ENGAGEMENT AMONG VETERANS IN ALCOHOL AND DRUG ABUSE PROGRAMS: A MULTI-RATER ANALYSIS** L. Bui, K.L. Sackett, D.M. Blonigen. Ctr. for Health Care Evaluation, Dept. of Veterans Affairs Palo Alto Health Care System Palo Alto CA 94025
- 278-T-921 PREDICTORS OF SUBSTANCE ABUSE TREATMENT RETENTION AMONG PATIENTS USING CHEMICAL DEPENDENCY SERVICES** J.J. Chung; M. Tarran; A. Silver; J.R. Mertens. Kaiser Permanente Div. of Res. Oakland CA 94612
- 279-T-922 SATISFACTION WITH SOCIAL SUPPORT AND DRINKING MOTIVES IN AN ALCOHOL DEPENDENT SAMPLE.** S.P. Collum; L.P. Greenberg; S.L. Martindale; S.L. Dolan. Baylor Univ. Dept. of Psychology and Neuroscience Waco TX 76798
- 280-T-923 DRINKING MOTIVES IN HIV PRIMARY CARE PATIENTS SCREENED INTO BRIEF DRINKING-REDUCTION INTERVENTION.** G Fontan; E Aharonovich; E Greenstein; D Hasin Columbia Univ. and the New York State Psychiatric Inst. New York NY 10032
- 281-T-924 COMORBID ANXIETY AND DEPRESSIVE DISORDERS ARE ASSOCIATED WITH NEGATIVE CRAVING IN TREATMENT SEEKING ALCOHOLICS** V. Karpyak, J. Biernacka, J. Geske, O. Abulseoud, M. Brunner, M. Chauhan, D. Hall-Flavin, L. Loukianova, G. Melnyk, D. Onsrud, B. Proctor, J. Wittkopp, T. Schneekloth, M. Drews, T. Pietrzak, M. Skime, M. Frye, D. Mrazek Mayo Clinic, Rochester, MN, 55905, Mayo Clinic Health System, Austin, MN, Mayo Clinic Health System, Albert Lea, MN, Franciscan Skemp Behavioral Health, La Crosse, WI
- 282-T-925 THE STANDARDS OF AUD DIAGNOSIS ACCORDING TO ICD-10 IN COMPARISON TO OTHER SELECTED PSYCHIATRIC DIAGNOSIS IN OUTPATIENT CLINIC IN POLAND.** W. Kosmowski Dept of Psychiatry, Collegium Medicum, Bydgoszcz, Nicolaus Copernicus Univ., Torun

b. Brief Intervention (more on Monday)

- 283-T-926 THE INTERACTION OF IMPULSIVITY AND ABSTRACT REASONING ON RESPONSE TO MOTIVATIONAL INTERVIEWING WITH COLLEGE BINGE DRINKERS.** A.D. McEachern; S.W. Feldstein Ewing. The Mind Res. Network/UNM Albuquerque NM 87131
- 284-T-927 A RANDOMIZED CLINICAL TRIAL COMPARING THE EFFICACY OF TWO ACTIVE BRIEF INTERVENTIONS FOR HEAVY COLLEGE DRINKERS** M. Kulesza., M. McVay., M. E. Larimer, and A.L. Copeland. Dept. of Psychology, Louisiana State Univ. Baton Rouge LA 70803
- 285-T-928 REDUCING HEAVY DRINKING AMONG FIRST YEAR UNIVERISTY STUDENTS: A RANDOMIZED TRIAL EVALUATING A PARENT BASED INTERVENTION.** D. M. Dumas¹, R. Turrisi², A. Ray³, S. Esp¹ ¹Boise State Univ, Inst for the Study of Add, Boise ID 83725, ²Penn State Univ, Biobeh Health & Prev Res Ctr, Univ Park PA 16802, ³Rutgers-State Univ of NJ, Ctr of Alcohol Stud Piscataway NJ 08854

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10. TREATMENT / RECOVERY - Cont'd (Poster Numbers 264-306/ Abstract Numbers 907-949)

b. Brief Intervention - cont'd (more on Monday)

- 286-T-929 **COMPARISON OF AUTOMATED TECHNOLOGIES TO DELIVER BRIEF ALCOHOL INTERVENTIONS TO UNIVERSITY STUDENTS: A RANDOMIZED CONTROLLED TRIAL** C. Andersson Malmö Univ., Malmö, Sweden
- 287-T-930 **THE MODERATING EFFECT OF BEHAVIORAL MONITORING ON THE ASSOCIATION BETWEEN URGENCY AND DRINKING OUTCOMES AMONG COLLEGE STUDENTS** S. Desai, K. Witkiewitz, S. Bowen, M. Larimer Dept. of Psychiatry and Behavioral Sciences Univ. of Washington Seattle WA 98195
- 288-T-931 **DOES IT MATTER WHO'S WATCHING? THE INFLUENCE OF MONITORING ON ADOLESCENTS' POST-TREATMENT DRINKING OUTCOMES** S. W. Feldstein Ewing, H. M. Mead, A. D. McEachern, & A. D. Wray. The Mind Res. Network/UNM Albuquerque NM 87131
- 289-T-932 **EXAMINING THE EFFECTIVENESS OF A SCHOOL-BASED MOTIVATIONAL INTERVIEWING ALCOHOL INTERVENTION WITH MINORITY ADOLESCENTS** M. M. Hospital, J. N. Graziano, S. L. Morris & E. F. Wagner Florida International Univ., Community-Based Intervention Res. Group, Miami FL 33199
- 290-T-933 **ADOLESCENTS AT RISK FOR EXCESS ALCOHOL CONSUMPTION ARE INFREQUENTLY ASKED OR COUNSELED ABOUT DRINKING ALCOHOL** R. Hingson; W. Zha. National Inst. on Alcohol Abuse and Alcoholism Bethesda MD 20852
- 291-T-934 **THE EFFICACY OF BRIEF INDIVIDUAL AND GROUP MOTIVATIONAL INTERVENTIONS FOR MANDATED COLLEGE STUDENTS IN A CAMPUS MENTAL HEALTH SERVICE DELIVERY SETTING** M.D. Cimini; K. Sokolowski; E.M. Rivero Univ. at Albany, State Univ. of New York Albany NY 12206
- 292-T-935 **RANDOMIZED CONTROLLED TRIAL EVALUATING A WEB-BASED PERSONALIZED NORMATIVE FEEDBACK INTERVENTION FOR REDUCING ALCOHOL-RELATED RISKY SEXUAL BEHAVIOR** M.A. Lewis, D.C. Atkins, T. Kim, J. Norris, W. George, & M.E. Larimer Univ. of Washington, Dept. of Psychiatry and Behavioral Sciences Seattle WA 98105
- 293-T-936 **BRIEF ONLINE INTERVENTIONS TARGETING RISK AND PROTECTIVE FACTORS FOR INCREASED AND PROBLEMATIC ALCOHOL USE AMONG AMERICAN COLLEGE STUDENTS STUDYING ABROAD** E. R. Pedersen VA San Diego Healthcare System/Univ. of California, San Diego, La Jolla, CA 92093 Univ. of Washington, Dept. of Psychology Seattle WA 98105

c. Pharmacotherapy (more on Wednesday)

- 294-T-937 **SERTRALINE TREATMENT IN SUBTYPES OF ALCOHOL DEPENDENCE: A REPLICATION** H. M. Pettinati, A. R. Leshner, W. D. Dundon Univ. of Pennsylvania Perelman School of Med. Philadelphia, PA 19104
- 295-T-938 **COMBINATION PHARMACOTHERAPY SERTRALINE AND NALTREXONE DECREASES SUICIDAL IDEATION SCORES IN CO-MORBID DEPRESSED ALCOHOLICS.** T.L. Roth; E.M. Mahoney; W.D. Dundon; and H.M. Pettinati. Univ. of Pennsylvania Treatment Res. Ctr., Philadelphia, PA 19104
- 296-T-939 **EFFECTS OF SERTRALINE ON ALCOHOL CRAVING AND CONSUMPTION IN THE LATE LUTEAL PHASE OF NON-TREATMENT SEEKING ALCOHOL DEPENDENT WOMEN.** J.R. Shoaff; L. Leggio; W. Zywiak; J. McGeary; R.M. Swift; J.S. Clifford; S. Edwards; S. Fricchione; T. Tavares; C. McGeary; G.A. Kenna. Brown Univ., Ctr. for Alcohol and Addiction Studies Providence RI 02903
- 297-T-940 **USING TEXT MESSAGING AND ASSESSMENT VIA MOBILE PHONE TO IMPROVE ADHERENCE TO NALTREXONE AMONG TREATMENT SEEKING HEAVY DRINKERS.** S.A. Stoner; C.S. Hendershot Talaria, Inc, Seattle, WA 98122 Mind Res. Network Albuquerque NM 87106
- 298-T-941 **PHARMACOGENETICS OF NALTREXONE: BEYOND THE MU OPIOID RECEPTOR** S. Bujarski; K.E. Courtney; & L.A. Ray Univ. of California, Los Angeles Dept. of Psychology, Los Angeles CA 90095
- 299-T-942 **META-ANALYSIS OF NALTREXONE AND ACAMPROSATE FOR TREATING ALCOHOL DEPENDENCE: WHEN ARE THESE MEDICATIONS MOST HELPFUL?** N.C. Maisel; J.C. Blodgett; P.L. Wilbourne; K. Humphreys; J.W. Finney. Ctr. for Health Care Evaluation, VA Palo Alto Health Care System Menlo Park CA 94025
- 300-T-943 **ESENSE 2: A RANDOMISED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY OF NALMEFENE, AS-NEEDED USE IN ALCOHOL DEPENDENT PATIENTS** A. Gual, Y. He, L. Torup, W. van den Brink, K. Mann Dept. of Psychiatry, Alcohol Unit, Inst. of Neurosciences, Hosp. Clinic, 08036 Barcelona, Spain
- 301-T-944 **SHIFTING THE PARADIGM: ESENSE 1-A RANDOMISED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY OF NALMEFENE, AS-NEEDED USE IN ALCOHOL DEPENDENT PATIENTS** K. Mann, A. Bladstrom, L. Torup, A. Gual, W. van den Brink Dept. of Addictive Behavior and Addiction Med., Central Inst. of Mental Health, Univ. of Heidelberg, 68159 Mannheim, Germany
- 302-T-945 **LONG-TERM EFFICACY, TOLERABILITY, AND SAFETY OF NALMEFENE AS-NEEDED IN ALCOHOL-DEPENDENCE: A RANDOMISED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY** W. van den Brink, P. Sørensen, L. Torup, K. Mann, A. Gual Dept. of Psychiatry, Academic Med. Ctr., Univ. of Amsterdam, 1105 AZ Amsterdam, The Netherlands
- 303-T-946 **BEHAVIORAL ECONOMIC ANALYSIS OF TOPIRMATE'S EFFECTS ON MOTIVATION FOR ALCOHOL** MacKillop, J.; Monti, P.M.; Tidey, J.; Swift, R.M., Ray, L.A., Miranda, R., Ctr. for Alcohol and Addiction Studies, Brown Univ. Providence RI 02911

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10. TREATMENT / RECOVERY - Cont'd (Poster Numbers 264-306/ Abstract Numbers 907-949)

c. Pharmacotherapy - cont'd (more on Wednesday)

- 304-T-947 **A COMPARISON OF BACLOFEN AND TOPIRAMATE WITH ACAMPROSATE AS ANTICRAVING AGENTS: A NATURALISTIC FOLLOW-UP IN A TERTIARY CARE DE-ADDICTION UNIT** G. Saraf; B. Viswanath; S. Hatti; A. Malyala; V. Benegal National Inst. of Mental Health and Neuro Sciences, Bangalore, India
- 305-T-948 **EFFECTS OF PRAZOSIN ON DRINKING PARAMETERS IN ALCOHOL DEPENDENCE** M.A. Raskind, T. Simpson VA Puget Sound Health Care System, Mental Illness Res., Education and Clinical Ctr.
- 306-T-949 **FINDINGS FROM A PILOT CLINICAL TRIAL OF VARENICLINE FOR THE TREATMENT OF ALCOHOL DEPENDENCE** J.G. Plebani, K.G. Lynch, L. Rennert, H.M. Pettinati, C.P. O'Brien, K.M. Kampman Univ. of Pennsylvania, Dept. of Psychiatry Philadelphia PA 19104

11. EPIDEMIOLOGY (Poster Numbers 307-319/ Abstract Numbers 950-962)

a. Alcohol consumption rates, drinking patterns (more on Sunday and Monday)

- 307-T-950 **THE INFLUENCE OF INDIRECT COLLECTIVE TRAUMA ON FIRST RESPONDERS' ALCOHOL USE** G. G. Homish; B. S. Frazer; M. G. Carey. The State Univ. of New York at Buffalo, School of Public Health and Health Professions
- 308-T-951 **AN EXAMINATION OF THE CHARACTERISTICS OF DIFFERENT MEASURES OF ALCOHOL RELATED ATTENDANCE IN ADULTS PRESENTING TO EMERGENCY DEPARTMENTS.** T.S. Phillips; S. Coulton; C. Drummond. Inst. of Psychiatry, King's College London, UK
- 309-T-952 **EXTRA-MEDICAL PRESCRIPTION DRUG USE AMONG ADOLESCENTS IN THE EMERGENCY DEPARTMENT: ALCOHOL MISUSE AND OTHER DRUGS** L.K. Whiteside, A.S. Bohnert, S. Chermack, F.C Blow, B.M Booth, R.M. Cunningham, M.A. Walton Univ. of Michigan, Depts. of Psychiatry and Emergency Med., Ann Arbor MI Univ. of Arkansas, Dept. of Psychiatry, Little Rock AR
- 310-T-953 **DISCHARGE RATES FOR ALCOHOL RELATED DIAGNOSES AT A LARGE URBAN HOSPITAL.** C. L. Savage, M. Richmond, A. Costanzo Johns Hopkins Univ. School of Nursing, Baltimore MD 21205 Univ. of Cincinnati College of Nursing, Cincinnati OH 45221
- 311-T-954 **CHARACTERISTICS OF ALCOHOL USING AND NON-DRINKING SUBSTANCE USERS SEEN BY AN INPATIENT SUBSTANCE USE DISORDERS CONSULTATION SERVICE** A. Alvanzo; P. Burgee; D. Moses; D. Missouri Johns Hopkins Univ., School of Med. Baltimore MD 21287
- 312-T-955 **PRIOR ALCOHOL TREATMENT MODIFIES THE ASSOCIATION BETWEEN ALCOHOL SCREENING SCORES AND MEAN DAILY DRINKING** A.D. Rubinsky; D.R. Kivlahan; D.A. Dawson; K.A. Bradley Univ. of Washington, Seattle WA 98195
- 313-T-956 **THE EFFECT OF DESIRE FOR ABSTINENCE ON LONGITUDINAL ALCOHOL USE PATTERNS AMONG ALCOHOL DEPENDENT ADULTS** O. Mowbray, E.A.R. Robinson, A.R. Krentzman & J.A. Cranford Addiction Res. Ctr. and Substance Abuse Sec., Dept. of Psychiatry, Univ. of Michigan Ann Arbor MI 48105
- 314-T-957 **THE IMPACT OF PERMISSIVE MINIMUM LEGAL DRINKING AGE LAWS ON ADULT BINGEING AND NON-HEAVY DRINKING BEHAVIOR** AD Plunk, LJ Bierut, RA Gruzca Dept. of Psychiatry, Washington Univ. School of Med., St Louis MO 63110
- 315-T-958 **INDIVIDUAL-LEVEL MEASUREMENT OF ALCOHOL AVAILABILITY AND ALCOHOL-RELATED BEHAVIORS IN URBAN YOUNG MEN.** W.F. Wieczorek; A.M. Delmerico Ctr. for Health and Social Res., Buffalo State College Buffalo NY 14222
- 316-T-959 **TYPES OF ON-PREMISE ALCOHOL OUTLETS AND ALCOHOL-RELATED BEHAVIORS** A.M. Delmerico; W.F. Wieczorek; K.S. Marczyński Ctr. for Health and Social Res., Buffalo State College Buffalo NY 14222
- 317-T-960 **HEALTH STATUS AND SOCIO-CONTEXTUAL CORRELATES OF PROBLEM DRINKING** T.K. Burroughs; D.M. Blonigen; T. Jacob. Family Res. Ctr., Palo Alto Dept. of Veterans Affairs, Menlo Park CA 94025
- 318-T-961 **PLANNING TO BE "SAFE" ASSOCIATED WITH INCREASED RISK DRINKING AT FEMALE ONLY EVENTS** C. K. Buettner The Ohio State Univ. Columbus OH 43210
- 319-T-962 **DRINKING BEFORE DRIVING AND OTHER RISKY DRIVING BEHAVIORS: AN EVENT-BASED STUDY** B.C. Leigh; C.M. Lee Univ. of Washington, Alcohol and Drug Abuse Inst. and Ctr. for the Study of Health and Risk Behaviors Seattle WA 98195

12. TRAINING / EDUCATION METHODS (Poster Numbers 320-321/ Abstract Numbers 963-964)

- 320-T-963 **IMPACT OF TRAINING ON THE EARLY DETECTION/BRIEF INTERVENTION ON DRUG USE AS REGARDS THE BELIEFS AND SELF CONFIDENCE OF HEALTH PROFESSIONALS** D. De Micheli; M. Maino; MLO Souza Formigoni; JCF. Galduroz Univ. Federal of Sao Paulo, Brazil
- 321-T-964 **THE ALCOHOL PHARMACOLOGY EDUCATION PARTNERSHIP: EDUCATING HIGH SCHOOL STUDENTS ABOUT ALCOHOL.** E.A. Godin, S.S. Sikes, M.J. Halpin, J.P. Reiter, and R.D. Schwartz-Bloom Duke Univ. Med. Ctr. Durham NC 27710

2012 RSA SCHEDULE OF POSTERS

WEDNESDAY, JUNE 27 ~ ~ ~ 1:30PM - 3:30PM

1. GENETICS

(Poster Numbers 1-30/ Abstract Numbers 965-994)

a. Human (more on Tuesday)

- 001-W-965 CONTRIBUTION OF RARE GENETIC VARIANTS TO ALCOHOL LEVEL OF RESPONSE IN THE SAN DIEGO SIBLING COHORT** H. Choquet; G. Joslyn; G. Brush; J. Kasberger; M. Robertson; M. Schuckit; R. White; E. Jorgenson Ernest Gallo Clinic and Res. Ctr., UCSF Emeryville CA 94608
- 002-W-966 GENETIC VARIATION IN THE NPY GENE MODERATES STRESS RELATED DRINKING IN COLLEGE STUDENTS OF AFRICAN DESCENT.** J. Covault, D. Scott, A. Dube, M. Briggs-Gowan, and H. Tennen Alcohol Res. Ctr., Howard Univ., Washington, DC 20059 and Alcohol Res. Ctr., Dept. of Psychiatry, Univ. of Connecticut School of Med. Farmington CT 06030
- 003-W-967 META-ANALYSIS OF ASSOCIATION STUDIES EXAMINING ALCOHOL DEHYDROGENASE GENE POLYMORPHISMS AND ALCOHOL DEPENDENCE IN NATIVE AMERICANS.** I.R. Gizer; C.L. Ehlers Univ. of Missouri, Dept. of Psychological Sciences, Columbia, MO 65211, Scripps Res. Inst., Dept. of Molecular and Integrative Neurosciences La Jolla CA 92037
- 004-W-968 AUSTRALIAN ALCOHOL GENOME-WIDE ASSOCIATION STUDY FINDINGS AFTER 1000 GENOME IMPUTATION** A.C. Heath, P.A.F. Madden, N. G. Martin, J. Whitfield, G. Montgomery. Midwest Alcoholism Res. Ctr., Dept. of Psychiatry, Washington Univ., St Louis MO 63110 and Queensland Inst. of Med. Res., Brisbane, Australia
- 005-W-969 ASSOCIATION OF SGIP1 TO ALCOHOL USE DISORDERS IN A NATIVE AMERICAN POPULATION.** C.A. Hodgkinson, M.-A. Enoch, V. Srivastava, Q. Yuan, Z. Zhou, B. Albaugh, K.V. White, P.-H. Shen and D. Goldman. Lab. of Neurogenetics, DICBR, National Inst. on Alcohol Abuse and Alcoholism, Rockville MD 20852
- 006-W-970 GWAS OF ALCOHOL CONSUMPTION AND PROBLEMS IN THE FINNTWIN12** J.L. Meyers; E. Nyman; A. Loukola; R.J. Rose; J. Kaprio; D.M. Dick Virginia Inst. of Psychiatric and Behavioral Genetics, Richmond, VA, Univ. of Helsinki, Finland, Univ. of Indiana, Bloomington, Indiana
- 007-W-971 A FAMILY HISTORY OF SUBSTANCE DEPENDENCE OBSCURES THE GROUP DIFFERENCES IN BRAIN FUNCTION ASSOCIATED WITH HIV-1 AND ART.** L.O. Bauer Univ. of Connecticut School of Med. Farmington CT 06030
- 008-W-972 VARIATION IN GRM7 IS ASSOCIATED WITH ALCOHOL CONSUMPTION IN A FAMILY BASED ANALYSIS** W.E. Melroy; C. Vadasz; M.B. McQueen; R.P. Corley; M.C. Stallings; T.J. Crowley; C.J. Hopfer; K.S. Krauter; J. K. Hewitt; M.A. Ehringer. Inst. for Behavioral Genetics, Univ. of Colorado Boulder CO 80303
- 009-W-973 HERITABILITY OF AGE AT FIRST DRINK IN INDIVIDUALS WITH AND WITHOUT A FAMILY HISTORY OF ALCOHOL PROBLEMS.** L.S. Richmond-Rakerd; W.S. Slutske; A.C. Heath; N.G. Martin. Univ. of Missouri Columbia MO 65211
- 010-W-974 ANALYSIS OF GENETICS OF ANTISOCIAL BEHAVIOR: EFFECT OF PHENOTYPE MEASURES ON FAMILIARITY AND MAOA ASSOCIATION.** V. Strumba; J. Slane; S. Villafuerte; K. Majczenko; K. Shedden; R. A. Zucker; M. Burmeister UM, Addiction Res. Ctr, Ann Arbor, MI 48109, UM, Substance Abuse, Res. Ctr, Ann Arbor, MI 48109, UM, Dept of Psychiatry, Ann Arbor, MI 48109, UM, Dept of Statistics Ann Arbor MI 48109
- 011-W-975 EPIGENETIC CHANGES IN ALCOHOL-DEPENDENT INDIVIDUALS: INFLUENCE OF WITHDRAWAL CHARACTERISTICS?** U.W. Preuss¹, G. Koller², B. Bondy², M. Soyka³, P. Zill². Depts. of Psychiatry, Martin-Luther Univ. Halle¹and Ludwig-Maximilians-Univ. Munich², Germany, Privatklinik Meiringen, Meiringen, Switzerland³
- 012-W-976 INTERACTION BETWEEN THE DRD4 VNTR POLYMORPHISM AND PERCEIVED PEER DRINKING NORMS IN ADOLESCENT DRINKING** J. Kim; A. Park; A. Kenneson-Adams; L.A.J. Scott-Sheldon; T.L. Eckert; P.A. Vanable; K.B. Carey; C.K. Ewart; M.P. Carey. Syracuse Univ., Dept. of Psychology and Ctr. for Health and Behavior Syracuse NY 13244
- 013-W-977 CATECHOL-O-METHYLTRANSFERASE (COMT) VAL158MET POLYMORPHISM, CHILDHOOD TRAUMA, AND RISK FOR POSTTRAUMATIC STRESS DISORDER AMONG TREATMENT-SEEKING ALCOHOLICS** M.L. Schwandt; D.W. Hommer; D.T. George; M. Heilig; V.A. Ramchandani Lab. of Clinical and Translational Studies, National Inst. on Alcohol Abuse and Alcoholism, National Insts. of Health Bethesda MD 20892
- 014-W-978 EFFECTS OF ALDH2*2 ON ALCOHOL CONSUMPTION AND PROBLEMS OVER FOUR YEARS OF COLLEGE.** S.E. Luczak; L.M. Yarnell; C.A. Prescott; M.G. Myers; L. Carr; T.L. Wall Univ. of California, San Diego, Dept. of Psychiatry San Diego CA 92161
- 015-W-979 INTERACTION OF SEROTONINERGIC PHARMACOTHERAPIES BASED ON 5-HTTLPR AND D4 ALLELES ON DRINKING IN NON-TREATMENT SEEKING ALCOHOL DEPENDENT WOMEN** Kenna, G.A., Leggio, L., Zywiak, W., McGeary, J., Swift, R.M., Clifford, J.S., Shoaff, J., Edwards, S., Fricchione, S., Tavares, T., McGeary, C. Brown Univ., Ctr. for Alcohol and Addiction Studies Providence RI 02912
- 016-W-980 EYE GAZE ANALYSIS IN BIPOLAR DISORDER WITH AND WITHOUT A HISTORY OF SUBSTANCE ABUSE OR DEPENDENCE** S.A. Mueller; I.F. Tso; P.J. Deldin Univ. of Michigan, Dept. of Psychology Ann Arbor MI 48109

2012 RSA SCHEDULE OF POSTERS

WEDNESDAY, JUNE 27 ~ ~ ~ 1:30PM - 3:30PM

1. GENETICS - Cont'd

(Poster Numbers 1-30/ Abstract Numbers 965-994)

b. Lab Animal - transgenics/ knock-outs / -ins (more on Tuesday)

- 017-W-981 KNOCK-OUT OF KCNJ9, A WITHDRAWAL-RELATED GENE, ALTERS A SUBSET OF FEAR CONDITIONED BEHAVIOR** M.E. Tipps; J.D. Raybuck; K.M. Lattal; K.J. Buck. VA Med. Ctr. and Oregon Health & Science Univ. Portland OR 97239
- 018-W-982 ETHANOL WITHDRAWAL ASSOCIATED C-FOS EXPRESSION IN GIRK3 KNOCKOUT MICE** A.M. Colville, L.B. Kozell, K.J. Buck. Oregon Health & Science Univ., VA Med. Ctr.
- 019-W-983 MPDZ EXPRESSION IS REDUCED AND ETHANOL WITHDRAWAL SEVERITY INCREASED BY MPDZ RNA INTERFERENCE IN THE SUBSTANTIA NIGRA PARS RETICULATA** L.C. Kruse; N.A.R. Walter; L.B. Kozell; K.J. Buck. Dept. of Behavioral Neuroscience and Portland Alcohol Res. Ctr., Veterans Affairs Med. Ctr. and Oregon Health & Science Univ. Portland OR 97239
- 020-W-984 BK CHANNEL BETA1 SUBUNIT MODULATES BEHAVIORAL ADAPTATIONS TO CHRONIC ETHANOL EXPOSURE** C. Contet; D. Le; A.J. Roberts; S.N. Treistman; G.F. Koob The Scripps Res. Inst. La Jolla CA 92037
- 021-W-985 GENETIC DELETION OF ADENYLYL CYCLASES 1 AND 8 ATTENUATES THE LOCOMOTOR STIMULATING EFFECTS OF ETHANOL.** J.L. Lowing; L.L. Susick; S.E. Bowen; A.C. Conti. Wayne State Univ. School of Med. and John D Dingell VA Med. Ctr. Detroit MI 48201
- 022-W-986 PKM ZETA IN MOUSE MODELS OF ETHANOL CONSUMPTION AND REWARD** A. M. Lee; J. P. Lim; J. Stecher, T. McMahon; R. O. Messing Ernest Gallo Clinic & Res. Ctr. at UCSF Emeryville CA 94608
- 023-W-987 MUTANT MICE LACKING THE RII β SUBUNIT OF PKA EXHIBIT ALTERED DARPP-32 ACTIVITY IN THE STIATUM AND NUCLEUS ACCUMBENS** J. Olney; L. Ko; T. E. Thiele Dept. of Psychology & the Bowles Ctr. for Alcohol Studies, U of North Carolina Chapel Hill NC 27599
- 024-W-988 VIRAL VECTOR MEDIATED OVEREXPRESSION OF CYTOCHROME P450 SIDE CHAIN CLEAVAGE IN THE VTA PRODUCES LONG-TERM REDUCTIONS ON ETHANOL SELF-ADMINISTRATION.** J.B. Cook, D.F. Werner, K.R. Fisher, M.N. Leonard, P. Porcu, T.K. O'Buckley, J. Besheer, C.W. Hodge, A.L. Morrow. Univ. of North Carolina at Chapel Hill, Bowles Ctr. for Alcohol Studies Chapel Hill NC 27599
- 025-W-989 MIDBRAIN AND FOREBRAIN CRF-R1 INVOLVEMENT IN EXCESSIVE ALCOHOL DRINKING: PHARMACOLOGICAL AND MOLECULAR GENETIC APPROACHES.** L.S. Hwa; E. Janata; E. Delpire; J.F. DeBold; K.A. Miczek Tufts Univ., School of Arts and Sciences, Medford, MA 02155, Vanderbilt Univ. Med. Ctr. Nashville TN 37232
- 026-W-990 CHARACTERIZATION OF ALCOHOL DRINKING IN GHSR1A KNOCKDOWN MICE** C. J. Wilhelm, S. Kaur, J. M. Zigman, A. E. Ryabinin Oregon Health & Science Univ., School of Med., Portland, OR 97239 Univ. of Texas Southwestern Med. Ctr. Dallas TX 75235
- 027-W-991 REDUCING UNC-13, A PRESYNAPTIC ETHANOL BINDING PROTEIN, IN DROSOPHILA MELANOGASTER INCREASES ETHANOL SELF ADMINISTRATION.** S. Xu; S. Pany; J. Das; G. Roman. Univ. of Houston, College of Pharmacy and College of Natural Science and Mathematics Houston TX 77204
- 028-W-992 AGE AND ETHANOL CONCENTRATION-DEPENDENT EFFECTS OF ACUTE BINGE DRINKING IN THE HIV-1 TRANSGENIC RAT.** S. Sarkar; X. Mao; C. Liu; S.L. Chang Inst. of NeuroImmune Pharmacology, Seton Hall Univ. South Orange NJ 07079

c. Other

- 029-W-993 A ROLE FOR THE MITOCHONDRIAL RESPIRATORY CHAIN IN GENETIC VULNERABILITY TO ETHANOL PHYSIOLOGICAL DEPENDENCE AND ASSOCIATED WITHDRAWAL** K.J. Buck; N.A.R. Walter; D.L. Denmark Dept. of Behavioral Neuroscience and Portland Alcohol Res. Ctr., VA Med. Ctr. and Oregon Health & Science Univ. Portland OR 97239
- 030-W-994 FINE MAPPING AND CANDIDATE GENE ANALYSES OF A LOCUS ON MOUSE CHROMOSOME 19 INVOLVED IN ETHANOL PHYSIOLOGICAL DEPENDENCE AND ASSOCIATED WITHDRAWAL.** K.J. Buck, L.B. Kozell, N.A.R. Walter VA Med. Ctr. and Oregon Health & Science Univ. Portland OR 97239

2. MOLECULAR / CELL BIOLOGY C.N.S.

(Poster Numbers 31-48/ Abstract Numbers 995-1012)

a. Gene Expression

- 031-W-995 GORDIS AWARD FINALIST - ETHANOL-INDUCED DIFFERENTIAL GENE EXPRESSION OF 5-HT1A AND YIF1B IN HIPPOCAMPAL PYRAMIDAL AND GRANULE CELLS IN CYNOMOLGUS MACAQUES** EJ Burnett, M Darmon, KA Grant, DP Friedman, SE Hemby Neuroscience Prog., Dept. of Physiology & Pharmacology, Wake Forest Univ. School of Med. Winston-Salem NC 27157
- 032-W-996 ACUTE EFFECTS OF ALCOHOL ON CIRCADIAN GENES IN THE RAT BRAIN** D. DeRoodes; R. Sharma; P. Sahota; M. Thakkar Harry S Truman Memorial VA Hosp./Res., Dept. of Neurology, Univ. of Missouri Columbia MO 65201
- 033-W-997 GLUTAMATERGIC GENE EXPRESSION IN POSTMORTEM HIPPOCAMPUS FROM ALCOHOLICS AND COCAINE ADDICTS** M.-A. Enoch; Z. Zhou; D.C. Mash; Q. Yuan; D. Goldman. National Inst. on Alcohol Abuse and Alcoholism, National Insts. of Health, Bethesda, MD

2012 RSA SCHEDULE OF POSTERS

WEDNESDAY, JUNE 27 ~ ~ ~ 1:30PM - 3:30PM

2. MOLECULAR / CELL BIOLOGY C.N.S. - Cont'd (Poster Numbers 31-48/ Abstract Numbers 995-1012)

a. Gene Expression - cont'd

- 034-W-998** MICRORNA EXPRESSION PROFILING COMBINED WITH GLOBAL PROTEOMICS FOR A MOLECULAR CHARACTERIZATION OF CHRONIC INTERMITTENT ETHANOL DRINKING. G. Gorini; Y.O. Nunez; A.J. Roberts; R.D. Mayfield Waggoner Ctr. for Alcohol and Addiction Res., The Univ. of Texas at Austin, Austin, TX
- 035-W-999** ADOLESCENT ALCOHOL EXPOSURE (AIE) ALTERS THE CENTRAL BRAIN CIRCUITS KNOWN TO REGULATE THE STRESS RESPONSE. M. Logrip; C. Rivier; C.D. Allen; S. Lee The Clayton Foundation Labs. for Peptide Biology, The Salk Inst. La Jolla CA 92037
- 036-W-1000** GENE EXPRESSION PROFILING IN THE NUCLEUS ACCUMBENS OF INBRED ALCOHOL-PREFERRING, -NONPREFERRING, AND RECIPROCAL CONGENIC RATS BY RNA-SEQ Z. Zhou; Q. Yuan; D. Goldman; T. Liang. Indiana Univ., School of Med. Indianapolis IN 46033
- 037-W-1001** ALCOHOL INTOXICATIONS DURING ADOLESCENCE INCREASE MOTIVATION FOR ALCOHOL IN ADULT RATS AND ALTER GENE EXPRESSION IN THE NUCLEUS ACCUMBENS AND AMYGDALA S. Alaux1; V. Warnault2; O. Pierrefiche1; C. Vilpoux1 and M. Naassila1 1Res. Group on Alcohol & Pharmacodependences (GRAP) -Inserm unit Eri 24, Univ. of Picardie Jules Verne, Amiens France, SFR CAP Sante, 2Gallo Ctr., Emeryville CA
- 038-W-1002** AMYGDALA GENES AND ESCALATION OF ALCOHOL INTAKE IN MICE H.M.B. Lesscher, M.J. Groot Koerkamp, F.C. Holstege, L.J.M.J. Vanderschuren Dept. of Animals in Science and Society, Faculty of Veterinary Med., Utrecht Univ., the Netherlands
- 039-W-1003** REGULATION OF STEM CELL DIFFERENTIATION BY ETHANOL AND RETINOIC ACID. A.M. Urvalek; L.J. Gudas. Weill Cornell Med. College New York NY 10065
- 040-W-1004** CHARACTERIZING THE INFLAMMATORY RESPONSE IN THE CENTRAL NERVOUS SYSTEM DURING ALCOHOL WITHDRAWAL. K. Freeman; A. Brureau; J. Park; R. Vadigepalli; J. B. Hoek; D. C. Hooper; J. Schwaber. Daniel Baugh Inst., Thomas Jefferson Univ., Philadelphia, PA 19107 US
- 041-W-1005** CHRONIC ETHANOL UPREGULATES TOLL-LIKE RECEPTORS INCREASING NEUROINFLAMMATION AND NEURODEGENERATION MIMICKING HUMAN ALCOHOLIC PATHOLOGY L. Qin; F.T. Crews Bowles Ctr. for Alcohol Studies, School of Med., UNC-CH Chapel Hill NC 27599
- 042-W-1006** CHRONIC ETOH INCREASES CYTOKINES, TLR4, AND HMGB1 IN RATS. B.A. Whitman, D.J. Knapp, B.A. Angel, G.R. Breese Bowles Ctr. for Alcohol Studies, Univ. of North Carolina School of Med. Chapel Hill NC 27599
- 043-W-1007** DANGER SIGNAL HMGB1 MEDIATES ETHANOL-INDUCED NEUROINFLAMMATION THROUGH ACTIVATION OF TLR4-RAGE J. Y. Zou; F.T. Crews Bowles Ctr. for Alcohol Studies, UNC-CH Chapel Hill NC 27599
- 044-W-1008** CLOCKΔ19 AND NPAS2 MUTANTS EXHIBIT INCREASED ETHANOL PREFERENCE AND CONSUMPTION A.R. Ozburn; C.A. McClung Univ. of Pittsburgh Med. Ctr. Pittsburgh PA 15219
- 045-W-1009** RELATIONSHIP BETWEEN OPRM1 GENOTYPE AND THE EFFECTS OF ALCOHOL AND NALTREXONE IN RHESUS MONKEYS SELF-ADMINISTERING ALCOHOL D Platt; D Ruedi-Bettschen; E Vallender; G Miller Harvard Med. School/New England Primate Res. Ctr. Southborough MA 01772
- 046-W-1010** THE "ANTI-BINGE" EFFECTS OF PKCE INHIBITOR INVOLVES GROUP I MGLURS AND PI3K IN THE NUCLEUS ACCUMBENS. C. Rostock (1); D.K. Cozzoli (1); D. Maliniak (1); R.O. Messing (2); K.K. Szumlinski (1) (1) Dept Psychological and Brain Sciences, UCSB, Santa Barbara, CA, 93106-9660, (2) EGCRC, Dept Neurology, UCSF, Emeryville CA 94688
- 047-W-1011** LOWER GABA-ASSOCIATED GENE EXPRESSION IN THE ACCUMBENS SHELL OF ALCOHOL-PREFERRING P RATS ACROSS PERI-ADOLESCENCE VS. THE EARLY ADULT WISTAR RAT. R.L. Bell; W.A. Truitt; Z.A. Rodd; J.E. Toalston; S.R. Hauser; W.J. McBride. Indiana Univ. School of Med. Indianapolis IN 46202
- 048-W-1012** CHANGES IN MRNA EXPRESSION OF DRD1A AND SLC18A2 DUE TO VOLUNTARY DRINKING, BUT NOT RUNNING, IN MICE. TM Darlington, L Quiñones-Davila, MA Ehringer Inst. for Behavioral Genetics, Univ. of Colorado Boulder 80309

3. PHARMACOLOGY C.N.S.

(Poster Numbers 49-65/ Abstract Numbers 1013-1029)

a. Neuropeptides

- 049-W-1013** ALCOHOL ALTERS INSULIN-LIKE GROWTH FACTOR-1 (IGF-1) AND IGF-1/ESTRADIOL INDUCED TRANSFORMING GROWTH FACTOR β1 RELEASE FROM HYPOTHALAMIC ASTROCYTES. J. K. Hiney, V. K. Srivastava, W. L. Dees. Dept of Integrative Biosciences, College of Veterinary Med., Texas A&M Univ. College Station TX 77843
- 050-W-1014** ANGIOTENSIN (1-7)-MEDIATED NITRIC OXIDE PRODUCTION IMPAIRS VASOPRESSIN RESPONSE TO HEMORRHAGE DURING ACUTE ALCOHOL INTOXICATION A.W. Whitaker and P. E. Molina. LSU Health Sciences Ctr., Dept. of Physiology and Alcohol Res. Ctr., New Orleans LA 70112
- 051-W-1015** RECEPTOR-SPECIFIC EFFECTS OF BINGE-LIKE ETHANOL DRINKING ON NPY MODULATION OF SYNAPTIC TRANSMISSION IN THE EXTENDED AMYGDALA K.E. Pleil1,2, E.G. Lowery-Gionta1,2, C. Li1,3, T.E. Thiele4, T.L. Kash1,2 1Bowles Ctr. for Alcohol Studies, 2Dept. of Pharmacology, 3Curriculum in Neurobiology, 4Dept. of Psychology, Univ. of North Carolina at Chapel Hill Chapel Hill NC 27599

2012 RSA SCHEDULE OF POSTERS

WEDNESDAY, JUNE 27 ~ ~ ~ 1:30PM - 3:30PM

3. PHARMACOLOGY C.N.S. - Cont'd (Poster Numbers 49-65/ Abstract Numbers 1013-1029)

a. Neuropeptides - cont'd

- 052-W-1016 THE EFFECT OF NEUROKININ-1 RECEPTOR ANTAGONIST ON NEURONAL ACTIVATION OF STRESS CIRCUITRY DURING FOOTSHOCK-INDUCED REINSTATEMENT OF ALCOHOL SEEKING** J. Schank, R. Damadzic, M. Yao, K. Rowe, K. Cheng, K. Rice, M. Heilig Lab of Clinical and Translational Studies, National Inst. on Alcohol Abuse and Alcoholism, Bethesda MD 20892
- 053-W-1017 A LOW DOSE OF THE MELANOCORTIN AGONIST MTII SYNERGISTICALLY AUGMENTS NALTREXONE-INDUCED ATTENUATION OF BINGE-LIKE ETHANOL DRINKING IN C57BL/6J MICE** M. Navarro; M. J. Picker; T. E. Thiele Dept. of Psychology, The Bowles Ctr. for Alcohol Studies, U of North Carolina Chapel Hill NC 27599
- 054-W-1018 THE C-TERMINAL FRAGMENT OF THE CORTICOTROPHIN RELEASING FACTOR BINDING PROTEIN (CRF-BP) POSITIVELY MODULATES CRF-RECEPTOR 2 ACTIVATION** C.L Haass-Koffler, M. Naeemuddin, C.K. Nielsen, A.T. Henry, R. Li, N. Santos, J.Y. Holgate, A Bonci, S.E. Bartlett Ernest Gallo Clinic and Res. Ctr. at the Univ. of California San Francisco, Emeryville, California 94608 US
- 055-W-1019 ALCOHOL EFFECTS ON SERUM OXYTOCIN LEVEL IN ALCOHOLICS** R.M. Swift, L. Leggio, G.A. Kenna, T. Tavares, S. Edwards, J. Kurtis, W. Zywiak Brown Univ. Ctr. for Alcohol and Addiction Studies and the Alpert Med. School at Brown Univ. and the Providence VA Med. Ctr., and Decision Sciences Inst. Providence RI 02912
- 056-W-1020 IDENTIFICATION OF NOVEL PEPTIDES THAT ALTER ETHANOL MODULATION OF BK CHANNEL FUNCTION** L. Scott; S.V. Iyer; R.W. Aldrich; J. Pierce-Shimomura; S.J. Mihic Waggoner Ctr. for Alcohol and Addiction Res., Univ. of Texas at Austin, Austin, TX-78715
- 057-W-1021 EXCESSIVE ETHANOL CONSUMPTION DISRUPTS BDNF-MEDIATED CONTROL OF ETHANOL DRINKING BEHAVIORS-A ROLE FOR THE P75-NTR RECEPTOR.** E. Darcq, V. Warnault, J. Jeanblanc and D. Ron Ernest Gallo Res. Ctr., Univ. of California, San Francisco Emeryville CA 94608
- 058-W-1022 DRINKING 20% ETHANOL ON AN INTERMITTENT ACCESS SCHEDULE INDUCES CHANGES IN BEHAVIOR AND NEUROPEPTIDE EXPRESSION IN LONG-EVANS RATS.** J.R. Barson^{1*}; S. Liang¹; S.E. Fagan¹; S.F. Leibowitz¹ ¹The Rockefeller Univ., Lab. of Behavioral Neurobiology New York NY 10065
- 059-W-1023 AMPA RECEPTORS IN THE CENTRAL AMYGDALA REGULATE OPERANT RESPONDING FOR ETHANOL IN C57BL/6J MICE** S Faccidomo*, MC Salling, KE Psilos, CW Hodge Univ. of North Carolina at Chapel Hill, Chapel Hill, NC
- 060-W-1024 DIFFERENTIAL INVOLVEMENT OF UROCORTIN-1 ACROSS SEVERAL ETHANOL DRINKING PARADIGMS IN MICE** W.J. Giardino; A.E. Ryabinin Dept. of Behavioral Neuroscience and Portland Alcohol Res. Ctr., Oregon Health & Science Univ. Portland OR 97239
- 061-W-1025 CROSS-TALK BETWEEN THE CANNABINOID CB1 RECEPTOR AND OREXIN A RECEPTOR IN THE VTA, BUT NOT THE PVT, MEDIATES CUE-INDUCED RELAPSE TO ALCOHOL.** G. Gonzalez-Cuevas; R. Martin-Fardon; F. Weiss. The Scripps Res. Inst. La Jolla CA 92037
- 062-W-1026 EFFECTS OF AN OPIOID AGONIST (U50,488H) AND ANTAGONIST (NALTREXONE) ON THE SEEKING AND INTAKE OF SUCROSE AND ETHANOL IN SELECTED AND NONSELECTED RATS.** A.N. Henderson; C.L. Czachowski Indiana Univ.-Purdue Univ. at Indianapolis, Depts. of Psychology (Purdue School of Science) and Psychiatry (Indiana School of Med.) Indianapolis IN 46202
- 063-W-1027 CHRONIC ALCOHOL INCREASES CENTRAL AMYGDALA DYNORPHIN AND INDUCES ESCALATED SELF-ADMINISTRATION THAT IS RESCUED BY KAPPA-OPIOID RECEPTOR BLOCKADE.** J.L. Bilimoria; D.J. Reis; K.A. Nealey; H.T. Jansen; D.G. Smith; B.M. Walker. Lab. of Alcoholism and Addictions Neuroscience, Dept. of Psychology, Translational Addictions Res. Ctr., Washington State Univ. Pullman WA 99164
- 064-W-1028 CUES ASSOCIATED WITH KAPPA-OPIOID RECEPTOR-INDUCED NEGATIVE AFFECTIVE STATES PROMOTE EXCESSIVE ALCOHOL SELF-ADMINISTRATION IN RATS** A.L. Berger; B.M. Walker Lab. of Alcoholism and Addictions Neuroscience, Dept. of Psychology, Translational Addictions Res. Ctr., Washington State Univ. Pullman WA 99164
- 065-W-1029 NOVEL MU-OPIOID RECEPTOR SELECTIVE ANTAGONIST NAQ SELECTIVELY REDUCES CONSUMPTION OF HIGH-CONCENTRATION ETHANOL IN MICE** J.A. Warner; Y. Zhang; M.F. Miles Virginia Commonwealth Univ., Dept. of Pharmacology and Toxicology Richmond VA 23298

4. PHYSIOLOGY C.N.S. (Poster Numbers 66-88/ Abstract Numbers 1030-1052)

a. Imaging - nonhuman

- 066-W-1030 DYNAMIC CHANGES IN THE BRAIN DUE TO ACUTE ETHANOL EXPOSURE IN NON-HUMAN PRIMATE BRAIN NETWORKS.** Q.K. Telesford; A.T. Davenport; R.A. Kraft; P.J. Laurienti; J.B. Daunais Wake Forest Univ., School of Med. Winston-Salem NC 27157
- 067-W-1031 MICROGLIAL ACTIVATION IN NONHUMAN PRIMATES AND IN ALCOHOL DEPENDENCE** J. Hannestad, J.-D. Gallezot, K. Lim, E. Morris, R. E. Carson, Y.-S. Ding, S. S. O'Malley, K.Cosgrove. Depts. of Psychiatry and Diagnostic Radiology (Yale PET Ctr.), Yale Univ. School of Med. New Haven CT 06520

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WEDNESDAY, JUNE 27 ~ ~ ~ 1:30PM - 3:30PM

4. PHYSIOLOGY C.N.S. - Cont'd (Poster Numbers 66-88/ Abstract Numbers 1030-1052)

b. Imaging - human

- 068-W-1032** **GORDIS AWARD FINALIST - AMYGDALA ACTIVATION DURING ALCOHOL INTOXICATION: AN EXAMINATION OF ALCOHOL'S EFFECTS IN SOCIAL DRINKERS** U.S. Clark, L.H. Sweet, M. Gordon, K. Milman, H.S. Park, N. Reid, S. Ross, T.L. White Brown Univ. Providence RI 02912
- 069-W-1033** **NALTREXONE INCREASES ETHANOL-INDUCED FEELINGS OF INTOXICATION AND FMRI BOLD RESPONSE TO FACIAL EXPRESSIONS IN THE ANTERIOR CINGULATE AND THE INSULA** D.T. George; M. Schwandt; L. Zhang; V.A. Ramchandani; D. Rio; R. Momenan; D. Hommer; M. Heilig. NIH/ NIAAA, Lab. of Clinical and Translational Studies, Sec. of Clinical Assessment and Treatment Evaluation Bethesda MD 20892
- 070-W-1034** **FMRI OF ACUTE ALCOHOL EFFECTS ON RESPONSE INHIBITION IN HEAVY DRINKERS** C.S. Hendershot; E.D. Claus; K.E. Hutchison The Mind Res. Network Albuquerque NM 87106
- 071-W-1035** **EFFECTS OF ALCOHOL INTOXICATION ON EVENT-RELATED THETA OSCILLATIONS DURING LANGUAGE PROCESSING: ANATOMICALLY-CONSTRAINED MEG** K. Marinkovic; B.Q. Rosen; B. Cox; S. Kovacevic Radiology, Univ California San Diego, Martinos Ctr., Massachusetts General Hosp., Harvard, Boston
- 072-W-1036** **CORTICAL DOPAMINE RELEASE DURING A BEHAVIORAL RESPONSE INHIBITION TASK IN SOCIAL DRINKERS** DA Albrecht, DA Kareken, WJ Eiler, M Dzemidzic, CM Herring, JW Walters, KK Yoder Dept. of Radiology & Imaging Sciences, Indiana Univ. School of Med. Indianapolis IN 46202
- 073-W-1037** **NEUROCOGNITIVE ACTIVATION MODERATES SIX MONTH ALCOHOL USE OUTCOMES OF A GROUP MET AMONG JUVENILE JUSTICE YOUTH** R.E. Magnan¹; R.E. Thayer²; K.E. Hutchison^{2,3}; E.D. Claus³; A.D. Bryan^{1,2,3} 1 Ctr. on Alcoholism, Substance Abuse, and Addictions, Univ. of New Mexico, 2Dept. of Psychology & Neuroscience, Univ. of Colorado Boulder, 3Mind Res. Network
- 074-W-1038** **NEURAL MARKERS OF RESPONSE INHIBITION IN ALCOHOL DEPENDENCE.** K.E. Courtney; L.A. Ray Univ. of California, Los Angeles, Dept. of Psychology Los Angeles CA 90095
- 075-W-1039** **NEURAL CORRELATES OF COGNITIVE CONTROL IN OEF/OIF VETERANS WITH POST TRAUMATIC STRESS DISORDER WITH AND WITHOUT ALCOHOL USE DISORDERS** A.D. Spadoni; A.N. Simmons; S.C. Matthews VA San Diego Healthcare System San Diego CA 92161
- 076-W-1040** **NEURAL RESPONSES TO REAL TIME REWARDS AND PUNISHMENTS IN BINGE DRINKERS.** E.D. Claus; K.E. Hutchison The Mind Res. Network and LBERI, Albuquerque, NM 87106, Univ. of Colorado Boulder CO 80309
- 077-W-1041** **HIGH AND LOW SENSATION-SEEKING ADOLESCENTS SHOW DISTINCT PATTERNS OF BRAIN ACTIVITY DURING REWARD PROCESSING.** A. Cservenka; M.M. Herting; B.J. Nagel Oregon Health & Science Univ., Depts. of Psychiatry and Behavioral Neuroscience Portland OR 97239
- 078-W-1042** **THE EFFECT OF ALCOHOL DEPENDENCE ON WHITE MATTER ANISOTROPY IN HUMAN BRAIN** C. Durkee; J. Sarlls; D. Hommer; R. Momenan. National Insts. of Health Bethesda MD 20892
- 079-W-1043** **SUBCORTICAL ATROPHY IN ALCOHOL DEPENDENT SUBJECTS** E.N. Grodin, R. Momenan, D.W. Hommer National institutes of Health Bethesda MD 20892
- 080-W-1044** **DIFFUSION TENSOR IMAGING OF WHITE MATTER INTEGRITY IN NON-DEPENDENT ADULT ALCOHOL DRINKERS** S. Zhang, J.S. Ide, S. Hu, D. Matuskey, S.R. Bednarski, E. Erdman, O.M. Farr, C.-S.R. Li Yale Univ. School of Med. New Haven CT 06519
- 081-W-1045** **GRAY MATTER VOLUME CORRELATES OF GLOBALLY POSITIVE ALCOHOL EXPECTANCY IN NON-DEPENDENT ADULT DRINKERS** J.S. Ide, S. Zhang, S. Hu, D. Matuskey, S.R. Bednarski, E. Erdman, O.M. Farr, C.-S.R. Li Yale Univ. School of Med. New Haven CT 06519
- 082-W-1046** **OBSERVED POWER AND PROJECTED SAMPLE SIZES TO DETECT WHITE MATTER ATROPHY IN NEUROIMAGING OF ALCOHOL USE DISORDERS** M. A. Monnig Ctr. on Alcoholism, Substance Abuse, and Addictions (CASAA) Albuquerque NM 87106
- 083-W-1047** **DRINKING HISTORY PREDICTS WHITE MATTER INTEGRITY IN A LARGE COMMUNITY SAMPLE OF HEAVY DRINKERS** M. A. Monnig, A. Caprihan, R. A. Yeo, E. D. Claus, V. D. Calhoun, & K. E. Hutchison Univ. of New Mexico Albuquerque NM 87106
- 084-W-1048** **FUNCTIONAL CONNECTIVITY STRENGTH IN VISUOSPATIAL ATTENTION NETWORKS IN ALCOHOLISM** E.M. Muller-Oehring^{1,2}, T. Schulte², A. Pfefferbaum^{1,2}, E.V. Sullivan¹ 1Dept of Psychiatry and Behavioral Sciences, Stanford Univ. School of Med. 2Neuroscience Prog., SRI International, Menlo Park, CA
- 085-W-1049** **DIFFERENTIAL ACTIVATION OF IRRELEVANT INFORMATION IN SUBSTANCE ABUSERS AND COMMUNITY CONTROLS** R.A. Prather¹; D. Fang²; M.W. O'Boyle²; S.J. Nixon¹ 1 Univ. of Florida Dept. of Psychiatry, Gainesville, FL2 Texas Tech Neuroimaging Inst., Texas Tech Univ., Lubbock, TX
- 086-W-1050** **COMBINED EFFECTS OF ALCOHOLISM AND HIV-INFECTION ON SELECTIVE COGNITIVE AND MOTOR FUNCTIONS AND THEIR NEURAL SUBSTRATES** R. Fama,¹ E. V. Sullivan,¹ E. M. Muller-Oehring,¹ T. Schulte,² S. A. Sassoan,² Margaret J. Rosenbloom,¹ A. Pfefferbaum^{1,2} 1Dept. of Psychiatry & Behavioral Sciences, Stanford Univ. School of Med., Stanford, CA, 2Neuroscience Program, SRI International, Menlo Park, CA
- 087-W-1051** **TOBACCO AND ALCOHOL EFFECTS ON HIV-ASSOCIATED BRAIN DYSFUNCTION** R. Cohen, A. Gongvatana, K. Devlin, S. Correia, C. Kahler, L. Leggio, V. Bryant, K. Tashima, P. Monti Brown Univ. Providence RI 02912

c. Other

- 088-W-1052** **ACUTE ALCOHOL INTOXICATION DOES NOT AGGRAVATE EARLY NEUROBEHAVIORAL AND NEUROINFLAMMATORY SEQUELAE POST TRAUMATIC BRAIN INJURY** X.S.Teng, P. E. Molina. Dept. of Physiology and Alcohol Res. Cener, LSU Health Sciences Ctr. New Orleans LA 70112

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WEDNESDAY, JUNE 27 ~ ~ ~ 1:30PM - 3:30PM

5. FETAL ALCOHOL SYNDROME / DEVELOPMENT (Poster Numbers 89-115/ Abstract Numbers 1053-1079)

a. Behavior / Cognition (more on Tuesday)

- 089-W-1053 PRECURSORS OF AFFECTIVE DISTURBANCE IN CHILDREN WITH FETAL ALCOHOL EXPOSURE** C.D. Molteno; J.L. Jacobson; and S.W. Jacobson Univ. of Cape Town Faculty of Health Sciences, Cape Town, South Africa, Wayne State Univ. School of Med. Detroit MI 48207
- 090-W-1054 EXECUTIVE FUNCTIONING OF CHILDREN WITH ATTENTION-DEFICIT/HYPERACTIVITY DISORDER (ADHD) WITH AND WITHOUT FETAL ALCOHOL SPECTRUM DISORDERS (FASD)** F. Someki; P. N. Chang; C. Boys; M.B. Kelley Univ. of Minnesota, Dept. of Educational Psychology Minneapolis MN 55455
- 091-W-1055 PRENATAL ALCOHOL EXPOSURE AND ADOLESCENT ADVERSITY: LONG-LASTING EFFECTS ON COGNITION AND DRUG RESPONSE** W.L. Comeau, C.A. Winstanley and J. Weinberg Dept. of Cellular and Physiological Sciences, Univ. of British Columbia, Vancouver, BC, V6T 1Z3, Canada
- 092-W-1056 EFFECTS OF THREE-DAY BINGE ETHANOL VAPOR EXPOSURE IN NEONATAL NSA MICE ON LOCOMOTOR ACTIVITY.** D.M. Gilliam; J. Stewart. Univ. of Northern Colorado, School of Psychological Sciences Greeley CO 80639
- 093-W-1057 BEHAVIOR IN A COMPLEX ENVIRONMENT FOLLOWING VOLUNTARY EXERCISE IN RATS EXPOSED TO ALCOHOL NEONATALLY** G.F. Hamilton, K.E. Boschen, M.P. Castiglione, J.E. Delorme, E.G. Hetterly & A.Y. Klintsova Psychology Dept, Univ of Delaware Newark DE 19716
- 094-W-1058 DIFFERENTIAL EFFECTS OF SOCIAL INTERACTIONS ON COGNITIVE PERFORMANCE IN ADULT RATS FOLLOWING PRENATAL ALCOHOL EXPOSURE.** P.J. Holman; W. Comeau; J. Weinberg. Dept. of Cellular & Physiological Sciences, Univ. of British Columbia, Vancouver BC Canada V6T 1Z3
- 095-W-1059 ROLE OF HPA HYPERREACTIVITY IN MEDIATING DEPRESSIVE-/ANXIETY-LIKE BEHAVIORS FOLLOWING PRENATAL ALCOHOL EXPOSURE AND CHRONIC MILD STRESS** V.Y.Y. Lam; W. Comeau; C. Raineki; W. Yu; L. Ellis; J. Weinberg The Univ. of British Columbia, Dept. of Cellular and Physiological Sciences, Vancouver, BC, V6T 1Z3, Canada
- 096-W-1060 EFFECTS OF PRENATAL ALCOHOL EXPOSURE AND ADOLESCENT CHRONIC MILD STRESS ON ANXIETY- AND DEPRESSIVE-LIKE BEHAVIORS IN ADOLESCENT RATS** C. Raineki*; L. Chew*; P.J. Holman; W. Comeau; J. Weinberg Dept. of Cellular and Physiological Sciences, Univ. of British Columbia, Vancouver, BC V6T 1Z3, Canada
- 097-W-1061 BETA-ENDORPHIN NEURON TRANSPLANTATION IN THE HYPOTHALAMUS ATTENUATES CORTICOSTERONE RESPONSE AND ANXIETY-LIKE BEHAVIORS IN FETAL ALCOHOL EXPOSED RATS** R.W. Logan; C. Zhang; S. O'Connell; M. Ortiguela; N. Boyadjeiva; O. Wynne; D.K. Sarkar Endocrine Prog., Rutgers, The State Univ. of New Jersey New Brunswick NJ 08901
- 098-W-1062 NEONATAL ALCOHOL EXPOSURE IMPAIRS THE CONTEXT PRE-EXPOSURE FACILITATION EFFECT IN JUVENILE RATS: EFFECTS OF EXPOSURE WINDOW AND SHOCK INTENSITY.** L.B. Dokovna, W. B. Schreiber, N. J. Murawski, & M. E. Stanton, Dept. of Psychology, Univ. of Delaware Newark DE 19716
- 099-W-1063 BEHAVIORAL AND HORMONAL RESPONSES TO STRESS IN PRENATAL ETHANOL- AND PRENATAL STRESS-EXPOSED ADULT FEMALE LONG-EVANS RATS** M. C. Staples, M. J. Rosenberg, N. A. Allen, M. W. Porch, D. D. Savage Dept of Neurosciences, Univ of New Mexico Albuquerque NM 87131
- 100-W-1064 AN ETHANOL BINGE ON POSTNATAL DAYS SIX PLUS EIGHT RESULTS IN A DOSE DEPENDENT BEHAVIORAL CHANGE IN YOUNG RATS.** R. Napper; S. Ross. Univ. of Otago School of Med. Sciences, Dunedin, New Zealand
- 101-W-1065 PERSISTENT DOSE-DEPENDENT CHANGES IN BRAIN STRUCTURE IN YOUNG ADULTS WITH LOW-TO-MODERATE PRENATAL ALCOHOL EXPOSURE** K. Eckstrand; Z. Ding; N.C. Dodge; R.L. Cowan; J.L. Jacobson; M.J. Avison; S.W. Jacobson Vanderbilt Univ. Inst. of Imaging Science, Nashville, TN 37212 and Wayne State Univ. School of Med. Detroit MI 48207
- 102-W-1066 SALIVARY CORTISOL LEVELS ARE ELEVATED IN THE AFTERNOON AND AT BEDTIME IN CHILDREN WITH FETAL ALCOHOL SPECTRUM DISORDER.** K. Keiver, C.P. Bertram, A. Pritchard Orr, R.M. Konarski, M. Thomas, and S. Clarren. Univ. of the Fraser Valley, Abbotsford BC Canada V2S 7M8
- 103-W-1067 SACCADIC EYE MOVEMENT CONTROL AND PSYCHOMETRIC TESTING IN THE ASSESSMENT OF COGNITIVE DYSFUNCTION IN CHILDREN WITH FETAL ALCOHOL SPECTRUM DISORDERS** A. Paolozza; K. Hemington; L. Baugh; K. Kully-Martens; C. Rasmussen; J.N. Reynolds. Centre for Neuroscience Studies, Queen's Univ., Kingston, ON K7L 3N6, Canada, Dept. of Pediatrics, Univ. of Alberta, Edmonton AB T5G 0B7, Canada
- 104-W-1068 BRAIN DYNAMICS OF ADOLESCENTS WITH FASD.** C.D. Tesche; P.W. Kodituwakku; C.M. Garcia; J.M. Houck Univ. of New Mexico, Dept. of Psychology Albuquerque NM 87131
- 105-W-1069 NEURAL CORRELATES OF FORCE REGULATION IN CHILDREN WITH HEAVY PRENATAL ALCOHOL EXPOSURE.** T.T. Nguyen; R.W. Simmons; S.N. Mattson; E.R. Sowell; J.D. Thomas; E.P. Riley. Ctr. for Behavioral Teratology, San Diego State Univ. San Diego CA 92120

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5. FETAL ALCOHOL SYNDROME / DEVELOPMENT - Cont'd (Poster Numbers 89-115/ Abstract Numbers 1053-1079)

b. Neurobiology (more on Tuesday)

- 106-W-1070 PROGRAMMING OF NEURAL GENE EXPRESSION RESPONSE TO ADJUVANT-INDUCED ARTHRITIS BY PRENATAL DIET IN A RAT MODEL OF PRENATAL ALCOHOL EXPOSURE** K.A. Stepien; X. Zhang; S. Neumann; P. Pavlidis; G.G. Meadows; M.S. Kobor; J. Weinberg Univ. of British Columbia, Vancouver, BC, Canada V6T 1Z3
- 107-W-1071 ALTERATIONS IN NUCLEUS ACCUMBENS DENDRITIC MORPHOLOGY AFTER VOLUNTARY ETHANOL CONSUMPTION IN ADULT RATS EXPOSED TO MODERATE LEVELS OF ETHANOL IN UTERO** J.P. Rice, V.L. Peterson, K.E. D'Amore, D.D. Savage, M. Rosenberg, D.A. Hamilton Univ. of New Mexico, Depts. of Psychology and Neurosciences Albuquerque NM 87131
- 108-W-1072 PRENATAL ETHANOL ALTERS THE POSTNATAL EXPRESSION OF ETHANOL-INDUCED APPETITIVE AND AVERSIVE REINFORCEMENT.** R.M. Pautassi; M.E. Nizhnikov; NE Spear Instituto de Investigacion Medica M y M Ferreyra, Cordoba, CP 5000, Argentina Ctr. for Development and Behavioral Neuroscience Binghamton Univ. NY 13902
- 109-W-1073 ETHANOL EXPOSURE CAUSES INCREASED BUT DISORIENTED DENDRITIC GROWTH DURING EARLY CORTICAL DEVELOPMENT.** T.A. Powrozek; E.C. Olson Dept. of Neuroscience and Physiology SUNY Upstate Med. Univ., Syracuse, NY 13210 and Development Exposure to Alcohol Res. Ctr. SUNY Binghamton Univ. Binghamton NY 13902
- 110-W-1074 EFFECTS OF PRENATAL ETHANOL EXPOSURE ON CORTICOTHALAMIC NEURONS.** K.A. Dougherty, J.N. Weber, C.D. Howard, and C.B. Favero Ursinus College Collegeville PA 19426
- 111-W-1075 EFFECTS OF CHRONIC EARLY GESTATIONAL ETHANOL EXPOSURE ON THE DEVELOPING BRAIN: A MAGNETIC RESONANCE MICROSCOPY STUDY** S.E. Parnell; H.T. Holloway; B. Paniagua; I. Oguz; M.A. Styner; G.A. Johnson; K.K. Sulik Bowles Ctr. for Alcohol Studies, Univ. of North Carolina Chapel Hill NC 27599
- 112-W-1076 ROLE OF PROGRAMMED CELL DEATH 4 (PDCD4) IN ETHANOL-INDUCED DYSREGULATION OF NEUROGENESIS** A.Riar; M.Narasimhan; M.L Rathinam; D.Vedpathak; D.Patel; G.Henderson; L.Mahimainathan Texas Tech Univ. Health Sciences Ctr., School of Med., Lubbock, TX 79430,USA
- 113-W-1077 EFFECT OF LIPID RAFT DISRUPTION ON ETHANOL INHIBITION OF L1 ADHESION** X. Dou; C.E. Menkari; M.E. Charness VA Boston Healthcare System and Harvard Med. School West Roxbury MA 02132
- 114-W-1078 RHYTHMIC LICKING BEHAVIOR IS ALTERED IN ADULT RATS THAT RECEIVED POSTNATAL ETHANOL EXPOSURE.** D.R. Pierce; X. Lin; K.E. Light; and A. Hayar. College of Pharmacy, and College of Med., Univ. of Arkansas for Med. Sciences Little Rock AR 72205
- 115-W-1079 IN-SCHOOL STUDY OF PREVALENCE OF FETAL ALCOHOL SPECTRUM DISORDER IN EAST TAIWAN** H. T., Kuo; H. P., Wu; Q., Li; F. C. Zhou; Morisky DE; M. L., Lee China Med. Univ. Hosp., Dept. of Development and Behavior Pediatrics, Child Med. Ctr., Taichung, Taiwan R OC 404

6. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS (Poster Numbers 116-148/ Abstract Numbers 1080-1112)

a. Negative affect regulation (affective disturbance, stress, anxiety) (more on Tuesday)

- 116-W-1080 THE RELATIONSHIP BETWEEN LIFE EVENTS AND ALCOHOL USE DISORDERS TREATMENT OUTCOME: OPERATIONALIZATION MATTERS** M. Krenek; S.A. Maisto; T.M. Bishop Syracuse Univ. Syracuse NY 13244
- 117-W-1081 ETHNIC/RACIAL DIFFERENCES IN THE RELATIONSHIP BETWEEN DEPRESSIVE SYMPTOMS, STRESSFUL LIFE EVENTS, AND ALCOHOL USE IN YOUNG ADULTS** S. Y. Rueger¹²; A. C. King¹ ¹The Univ. of Chicago, Dept. of Psychiatry and Behavioral Neuroscience, Chicago, IL 60637, ²Wheaton College, Dept. of Psychology Wheaton IL 60187
- 118-W-1082 BELIEFS IN PERSONAL CONTROL: DIRECT & INDIRECT EFFECTS OF GOD MEDIATED, EXAGGERATED INTERNAL, & EXTERNAL CONTROL ON DEPRESSION & ALCOHOL PROBLEMS** J.A. Patock-Peckham¹; L.M. Backer-Fulghum; A.A. Morgan-Lopez; E. Ulloa; J. Filson Moses ¹Dept. of Psychology, Arizona State Univ., 950 S McAllister Tempe AZ 85287
- 119-W-1083 LAGGED RELATIONS BETWEEN DRINKING FREQUENCY AND DEPRESSED MOOD IN ADOLESCENCE** H. J. Jun; P. Sacco; C. L. Bright Univ. of Maryland, School of Social Work Baltimore MD 21201
- 120-W-1084 CHILD MALTREATMENT, ALTERED SELF-CAPACITIES, COPING MOTIVES, AND ALCOHOL PROBLEMS IN A SAMPLE OF EMERGING ADULT WOMEN** A.L. Goldstein; P. Parikh; M. Campbell; C. Wekerle Ontario Inst. for Studies in Education, Univ. of Toronto, Toronto ON M5S 1V6
- 121-W-1085 A STUDY OF THE RELATIONSHIP BETWEEN PARTICIPATION IN ALCOHOLICS ANONYMOUS AND ANXIETY** J.C. Moser; J.G. Glover Washburn Univ., Dept. of Psychology Topeka KS 66621

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6. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS - Cont'd (Poster Numbers 116-148/ Abstract Numbers 1080-1112)

a. Negative affect regulation (affective disturbance, stress, anxiety) - cont'd (more on Tuesday)

- 122-W-1086 PSYCHOMETRIC CHARACTERISTICS AND UTILITY OF THE SOCIAL ANXIETY DRINKING SCALE.** J.P. Smith; S.W. Book; S.E. Thomas; C.L. Randall. Charleston Alcohol Res. Ctr., Med. Univ. of South Carolina Charleston SC 29425
- 123-W-1087 DOES EXTRAVERSION PREDICT SUBSTANCE USING BEHAVIOR IN ALCOHOL DEPENDENT INDIVIDUALS?** J. H. Willering; M. Ooms; H. G. Roozen; R. de Waart; R. J. Meyers; & J. E. Smith Univ. of Utrecht, Dept. of Social Science, Utrecht, the Netherlands
- 124-W-1088 THE IMPACT OF SEXUAL ASSAULT ON THE PREDICTION OF EXTERNALIZING AND INTERNALIZING BEHAVIORS FROM PERSONALITY.** J.L. Combs; G.T. Smith. Univ. of Kentucky, Psychology Lexington KY 40503
- 125-W-1089 THREE-YEAR TRAJECTORIES OF DRINKING BEHAVIOR IN A SAMPLE OF ALCOHOLICS** E. A. R. Robinson, J. A. Cranford, A. R. Krentzman Addiction Res. Ctr. and Substance Abuse Sec., Dept. of Psychiatry, Univ. of Michigan Ann Arbor MI 48105
- 126-W-1090 ASSOCIATION BETWEEN ILLNESS-SPECIFIC WORRY AND COMORBID ALCOHOL ABUSE IN HIV-POSITIVE OUTPATIENTS** J. M. Hormes, K. R. Gerhardstein & P. T. Griffin Comprehensive Alcohol Res. Ctr. & School of Med., Louisiana State Univ. Health Sciences Ctr. New Orleans LA 70112
- 127-W-1091 AN EXPERIMENTAL EXAMINATION OF THE EFFECTS OF EATING RESTRAINT ON DRINKING FOLLOWING MOOD INDUCTION** L. C. Blackwell; H. R. Robinson; V. M. Gonzalez; R. L. Collins Univ. of Alaska Anchorage, Dept. of Psychology Anchorage AK 99508
- 128-W-1092 GORDIS AWARD FINALIST - A COMPARISON OF METHODS FOR INDUCING CRAVING FOR ALCOHOL.** L.E. Kwako; M.L. Schwandt; J.R. Sells; D.T. George; R. Sinha; M. Heilig Lab. of Clinical and Translational Studies, National Inst. on Alcohol Abuse and Alcoholism, National Insts. of Health Bethesda MD 20892
- 129-W-1093 ASSESSING THE BIS-PATHWAY TO ALCOHOL USE: MEASURING THE RELATIONS BETWEEN ANXIOUS MOOD, IMPULSIVE RESPONDING AND IN-LAB DRINKING.** M.T. Keough¹; L.J. Karabachian¹; R.M. O'Connor¹; C.R. Colder²; J.P. Read² ¹Concordia Univ., Dept. of Psychology, Montreal, QC H4B 1R6, ²Univ. at Buffalo, Dept. of Psychology Buffalo NY 14260
- 130-W-1094 UNDIFFERENTIATED AFFECT AND IMPULSIVITY AMONG DRINKERS WITH AFFECTIVE DYSREGULATION** R.L. Tomko; L.M. Pronove; H.R. Treloar; W.C. Brown; M.B. Solhan; T.J. Trull. Univ. of Missouri-Columbia, Psychological Sciences, Columbia, MO
- 131-W-1095 SELF-REPORTED DISABILITY IN RELATION TO ALCOHOL AND OTHER DRUG USE AND MENTAL HEALTH AMONG EMERGING ADULTS: AN INTERNATIONAL COMPARISON** M. Berglund, K. Johnsson, C. Andersson, K. Witkiewitz, M. Lewis, T. Dillworth, T. Pace, H. Stahlbrandt, H. Douglas, & M. Larimer Malmö Univ., Malmö, Sweden & Univ. of Washington Seattle WA 98195
- 132-W-1096 EFFECTS OF DRINKING CONTEXT ON THE EFFECTIVENESS OF A PLACEBO ALCOHOL MANIPULATION** S. Zalewski; W.R. Corbin; C.S. Scott Arizona State Univ., Dept. of Psychology Tempe AZ 85287

b. Cognitive Determinants (info processing, expectancies, motivation) (more on Sunday, Monday, Tuesday)

- 133-W-1097 GENDER DIFFERENCES IN ATTENTIONAL BIAS TO ALCOHOL-RELATED STIMULI IN ALCOHOL-DEPENDENT ADULTS** J.J. Anker, A.A. Klein, L.M. Nelson Hazelden Foundation Center City MN 55012
- 134-W-1098 GENDER DIFFERENCES IN THOUGHT CONTROL STRATEGIES AND THEIR RELATION TO IMPLICIT ALCOHOL COGNITIONS AMONG SOCIAL OR HEAVY DRINKERS.** S.J., Ehlke; A.M. Cohn; B.T. Hagman; J.N. Mitchell; S.M. Bramm; A.Y. Cameron. Univ. of South Florida Tampa FL 33612
- 135-W-1099 INCENTIVE SENSITIZATION THEORY IN HEAVY AND LIGHT SOCIAL DRINKERS: A PROSPECTIVE STUDY** P.J. McNamara¹, D. Cao², A.C. King¹ ¹Univ. of Chicago, Dept. of Psychiatry and Behavioral Neuroscience, Chicago, IL 60637 ²Univ. of Illinois at Chicago, Dept. of Ophthalmology and Visual Sciences Chicago IL 60612
- 136-W-1100 FURTHER VALIDATION OF AN ALCOHOL PURCHASE TASK FOR ASSESSING THE INCENTIVE VALUE OF ALCOHOL.** J. Gray; J. MacKillop. Univ. of Georgia, Psychology Athens GA 30602
- 137-W-1101 PSYCHOSOCIAL PREDICTORS OF IMPULSIVITY IN ALCOHOL-DEPENDENT PATIENTS** M. Wojnar, A. Jakubczyk, A. Klimkiewicz, M. Bugaj, K.J. Brower Med. Univ. of Warsaw, Dept. of Psychiatry, Warsaw, POLAND Univ. of Michigan, Dept. of Psychiatry Ann Arbor MI 48105
- 138-W-1102 DIMENSIONS OF IMPULSIVITY AMONG HEAVY DRINKERS, SMOKERS, AND HEAVY DRINKING SMOKERS: SINGULAR AND COMBINED EFFECTS** N.R. Moallem & L.A. Ray Univ. of California, Los Angeles, Dept. of Psychology Los Angeles CA 90095
- 139-W-1103 ALCOHOL-RELATED STIMULI REDUCE BEHAVIORAL CONTROL IN DRINKERS** J. Weafer; M.T. Fillmore Univ. of Kentucky, Psychology Dept. Lexington KY 40506
- 140-W-1104 MOTIVATION DIFFERENCES BETWEEN ALCOHOLICS AND CONTROLS IN A MONETARY INCENTIVE EFFORT TASK.** L. Steckler; R. Momenan; E. Grodin; D. Hommer Lab. of Clinical and Translational Studies, National Inst. on Alcohol Abuse and Alcoholism Bethesda MD 20892

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WEDNESDAY, JUNE 27 ~ ~ ~ 1:30PM - 3:30PM

6. DETERMINANTS OF ALCOHOL CONSUMPTION IN HUMANS - Cont'd (Poster Numbers 116-148/ Abstract Numbers 1080-1112)

b. Cognitive Determinants (info processing, expectancies, motivation) - cont'd (more on Sunday, Monday, Tuesday)

- 141-W-1105 INHIBITORY CAPACITY IN EMERGING ADULT BINGE DRINKERS: INFLUENCE OF FACIAL CUES** JT Sneider^{1,3}, WDS Killgore^{2,3}, ZJ Schwab², DJ Crowley^{1,3}, MJ Covell¹, JE Cohen-Gilbert^{1,3}, MM Silveri^{1,3} ¹Neurodevelopmental Lab. on Addictions and Mental Health, McLean Imaging Ctr, ²Ctr for Anxiety and Depression, McLean Hosp, Belmont, MA 02478, ³Dept Psychiatry, Harvard Med Sch Boston MA 02215
- 142-W-1106 ANTICIPATORY DIFFERENCES BETWEEN ALCOHOL DEPENDENT SUBJECTS AND NORMAL VOLUNTEERS IN EFFORT TASK.** R. Momenan; L. Steckler; E. Grodin; D. Hommer Lab. of Clinical and Translational Studies, National Inst. on Alcohol Abuse and Alcoholism Bethesda MD 20892
- 143-W-1107 DUTCH STUDENT SURVEY: REASONS FOR ENERGY DRINK CONSUMPTION AND MIXING WITH ALCOHOL** L. De Haan¹; H. A. de Haan;² B. Olivier¹; J.C. Verster¹. ¹ Utrecht Univ., Utrecht Inst. for Pharmaceutical Sciences, Div. of Pharmacology, Utrecht, The Netherlands, ² Tactus addiction treatment
- 144-W-1108 DEVELOPMENT OF A NEW MEASURE REGARDING EXPECTANCIES CONCERNING ENERGY DRINKS AND MIXING ALCOHOL WITH ENERGY DRINKS** L.M. Backer-Fulghum; J.A. Patock-Peckham; K.M. King; D.M. McCarthy. Baylor Univ., Dept. of Psychology and Neuroscience Waco TX 76798
- 145-W-1109 MARIJUANA USE, DRIVING, AND RELATED COGNITIONS** B.J. Arterberry; H.R. Treloar; A.E. Smith; M.P. Martens; and D.M. McCarthy. Univ. of Missouri Columbia MO 65211
- 146-W-1110 DRINKING MOTIVES MEDIATE THE ASSOCIATION BETWEEN RS2236781 IN GABRB1 AND FREQUENCY OF DRINKING TO INTOXICATION.** S.D. Kristjansson, A. Agrawal, M.T. Lynskey, A.C. Heath. Dept. of Psychiatry, Washington Univ. School of Med. St Louis MO 63110
- 147-W-1111 ALCOHOL CUES, APPROACH BIAS, AND INHIBITORY CONTROL: APPLYING A DUAL PROCESS MODEL OF ADDICTION TO ALCOHOL SENSITIVITY** K.A. Fleming; B.D. Bartholow Univ. of Missouri, Dept. of Psychological Sciences Columbia MO 65211
- 148-W-1112 DRINK-RELATED SELF-EFFICACY AS A MODERATOR OF THE RELATIONSHIP BETWEEN ALCOHOL-RELATED IMPLICIT ATTITUDE AND DRINKING BEHAVIOR.** D. W. Foster; C. Neighbors; R. Gonzales; B. Lazorwitz; L. Rodriguez; & A. DiBello. Univ. of Houston Houston TX 77204

7. CONSEQUENCES OF ALCOHOL CONSUMPTION IN HUMANS (Poster Numbers 149-162/ Abstract Numbers 1113-1126)

a. Social harms (family, financial, legal or work problems) (more on Tuesday)

- 149-W-1113 THE INFLUENCE OF SOCIAL DRINKING GROUP CHARACTERISTICS ON AGGRESSION IN NIGHTCLUBS** B. Miller, B. Bourdeau, M. Johnson, R. Voas Pacific Inst. for Res. and Evaluation Berkeley CA 94704
- 150-W-1114 CHILD PROTECTIVE SERVICES, SINGLE MOTHERS, AND SUBSTANCE MISUSE** N. S. Mendoza Res. Inst. on Addictions, Univ. at Buffalo, The State Univ. of New York Buffalo NY 14203
- 151-W-1115 A DOSE-RESPONSE RELATIONSHIP OF DRINKING VENUE UTILIZATION ON PHYSICALLY ABUSIVE PARENTING PRACTICES** B. Freisthler⁽¹⁾, P.G. Gruenewald⁽²⁾ ⁽¹⁾ UCLA Dept. of Social Welfare, Los Angeles, CA 90095 ⁽²⁾ Prevention Res. Ctr., Pacific Inst. for Res. and Evaluation Berkeley CA 94704
- 152-W-1116 POSITIVE PARENTING HAS GREATER EFFECTS ON ANTISOCIAL BEHAVIOR FOR CHILDREN IN NON-ALCOHOLIC FAMILIES THAN THOSE IN ALCOHOLIC FAMILIES** J.M. Jester, L.I. Puttler, R.A. Zucker Dept. of Psychiatry, Univ. of Michigan
- 153-W-1117 RELATIONSHIP-SPECIFIC ALCOHOL EXPECTANCIES AS A MODERATOR OF DAILY DRINKING WITH ONE'S PARTNER AND RELATIONSHIP FUNCTIONING IN ADULT ROMANTIC COUPLES.** A. Levitt; J.L. Derrick; M. Testa. Res. Inst. on Addictions, Univ. at Buffalo, State Univ. of New York Buffalo NY 14203
- 154-W-1118 THE DYNAMIC INFLUENCE OF ALCOHOL USE, GENDER, TRUST, AND RELATIONSHIP SATISFACTION IN DATING AND MARRIED COUPLES.** L. M. Rodriguez; C. Overup; A. DiBello; D. Foster; C. Neighbors Univ. of Houston Houston TX 77024
- 155-W-1119 ALCOHOL RELATED DATING SCENARIOS: PREDICTING LIKELIHOOD AND AMOUNT OF ALCOHOL INTAKE IN RISKY DATING SITUATIONS** R.A. Goers, N.E. Noel, J.A. Heaton, R.L. Ogle, L.A. Jackson Univ. of North Carolina Wilmington, Dept. of Psychology, Wilmington NC 28403
- 156-W-1120 DAILY ASSOCIATIONS BETWEEN ALCOHOL CONSUMPTION AND DATING VIOLENCE PERPETRATION: AN EXAMINATION OF THE EFFECTS OF SELF-REGULATION AND TRAIT ANGER** C. A. Stappenbeck; K. Fromme The Univ. of Texas at Austin Austin TX 78712
- 157-W-1121 IMPULSIVITY MEDIATES RELATIONSHIP BETWEEN PROTECTIVE BEHAVIORAL STRATEGIES AND NEGATIVE OUTCOMES IN COLLEGE STUDENT DRINKING GAME PARTICIPANTS** A.R. Diulio, M. McMurray, K.B. Blake, J.G. Murphy, C.J. Correia Auburn Univ., Dept. of Psychology Auburn AL 36849

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WEDNESDAY, JUNE 27 ~ ~ ~ 1:30PM - 3:30PM

7. CONSEQUENCES OF ALCOHOL CONSUMPTION IN HUMANS - Cont'd

(Poster Numbers 149-162/ Abstract Numbers 1113-1126)

a. Social harms (family, financial, legal or work problems) - cont'd (more on Tuesday)

- 158-W-1122 RISK AND PROTECTIVE FACTORS FOR DRINKING AND DRIVING AMONG HEAVY DRINKING COLLEGE STUDENTS.** J. L. Simmons; J. G. Murphy; A. A. Dennhardt; A. M. Yurasek; M. P. Martens. Univ. of Memphis, Memphis, TN 38152, US
- 159-W-1123 CHILDHOOD ATTENTION DEFICIT HYPERACTIVITY DISORDER, IMPULSIVITY, AND DRINKING AND DRIVING IN YOUNG ADULTS: A LONGITUDINAL EXAMINATION** S.L. Pedersen, B.S.G. Molina, W.E. Pelham, E.M. Gnagy Univ. of Pittsburgh Pittsburgh PA 15213
- 160-W-1124 RACE AND GENDER DIFFERENCES IN ALCOHOL-RELATED NEGATIVE CONSEQUENCES AMONG COLLEGE STUDENTS** N. Clarke; E.Y. Mun; H.R. White; S.Y. Kim; Y. Jiao Rutgers Univ., Ctr. of Alcohol Studies Piscataway NJ 08854
- 161-W-1125 A POLYTOMOUS GRADED ITEM RESPONSE THEORY ANALYSIS OF THE RUTGERS ALCOHOL PROBLEM INDEX BASED ON A SAMPLE OF COLLEGE STUDENTS** B.T. Hagman; N.E. Noel; & A.M. Cohn Univ. of South Florida, Dept. of Mental Health Law and Policy, Tampa, FL
- 162-W-1126 THE RELATIONSHIP OF INDIVIDUAL VERSUS COMORBID SUBSTANCE USE TO GAMBLING OUTCOMES AMONG EMERGING ADULTS.** J.M. Crounce; T.W. Lostutter; J.T. Skinner; M.E. Larimer Univ. of Washington, School of Med., Dept. of Psychiatry and Behavioral Sciences Seattle WA 98195

8. TREATMENT / RECOVERY

(Poster Numbers 163-190/ Abstract Numbers 1127-1154)

a. Self-Help

- 163-W-1127 THE IMPACT OF THE FIRST YEAR OF AA MEMBERSHIP ON SPIRITUALITY/RELIGIOUSNESS, DRINKING BEHAVIORS, AND DRINKING CONSEQUENCES** J. C. Bradley, A.R. Krentzman, E.A.R. Robinson, J.A. Cranford, O. Mowbray Univ. of Michigan, Addiction Res. Ctr., Dept. of Psychiatry Ann Arbor MI 48109
- 164-W-1128 FURTHER EVIDENCE FOR THE ROLE OF ABSTINENCE SELF-EFFICACY AS A MECHANISM ACCOUNTING FOR 12-STEP RELATED BENEFIT: GRADIENT EFFECT TESTS** K. Hagler; J. S. Tonigan; B. Martinez-Papponi Univ. of New Mexico, Ctr. on Alcoholism, Substance Abuse and Addictions (CASAA) Albuquerque NM 87106
- 165-W-1129 EMERGING ADULTS AND ALCOHOLICS ANONYMOUS: ATTENDANCE, INVOLVEMENT, AND RECOVERY-RELATED BENEFITS IN THE YEAR FOLLOWING RESIDENTIAL TREATMENT** J. F. Kelly (1), R. L. Stout (2) V. Slaymaker (3) 1 Harvard Med. School/Massachusetts General Hosp., 2 Decision Sciences Inst., 3 Hazelden Foundation
- 166-W-1130 THE DIFFERENTIAL EFFECT OF ALCOHOLICS ANONYMOUS (AA) AND DRINKING ON DIMENSIONS OF SPRITUALITY** A. R. Krentzman, E A.R. Robinson, J.A. Cranford, O. Mowbray Univ. of Michigan, Addiction Res. Ctr., Dept. of Psychiatry Ann Arbor MI 48109
- 167-W-1131 A LONGITUDINAL COMPARISON OF URBAN NATIVE AMERICAN AND NON-HISPANIC WHITE 12-STEP ATTENDANCE AND SUBSTANCE USE.** B. Martinez-Papponi; J. S. Tonigan; K. Hagler. Univ. of New Mexico, Ctr. on Alcoholism, Substance Abuse & Addictions (CASAA) Albuquerque NM 87106
- 168-W-1132 MEASURING TWELVE-STEP PROGRAM AFFILIATION.** Mitchell, D.; DeLauro, B. R.; Angelone, D. J. Dept. of Criminology and Criminal Justice, Central Connecticut State Univ., New Britain, CT Dept. of Psychology, Rowan Univ., Glassboro, New Jersey
- 169-W-1133 SOCIAL SUPPORT AND THE IMPACT OF SELF-HELP GROUPS ON SIGNIFICANT OTHERS OF PROBLEM DRINKERS** J.N. Mitchell & A.M. Cohn Dept. of Mental Health Law and Policy, Univ. of South Florida Tampa FL 33612
- 170-W-1134 CHANGES IN 12-STEP-SPECIFIC SPIRITUAL PRACTICES AND ABSTINENCE OUTCOMES: A PROSPECTIVE LAGGED ANALYSIS** J. S. Tonigan; K.N. Rynes; B.L. Greenfield Univ. of New Mexico, Ctr. on Alcoholism, Substance Abuse, and Addictions Albuquerque NM 87106
- 171-W-1135 ROMANCE IN MEETINGS: HOW INTIMATE RELATIONSHIPS WORK FOR THE RECOVERY OF ALCOHOLICS** Y Tsukioka Sophia Univ., Tokyo Japan
- 172-W-1136 MUTUAL-HELP PARTICIPATION AND 1-YEAR OUTCOMES IN VETERANS DUALY DIAGNOSED WITH BIPOLAR OR UNIPOLAR DEPRESSION** A.H. Cowden Hindash; J. Latimer; C. Timko. Ctr. for Health Care Evaluation, Veterans Affairs Health Care System; Stanford Univ. Palo Alto CA 94025
- 173-W-1137 BENEFITS OF MUTUAL-HELP GROUPS FOR DUALY DIAGNOSED PATIENTS.** S.L. Lin; A. Cowden Hindash; C. Timko. Ctr. for Health Care Evaluation, Dept. of Veterans Affairs Health Care System and Stanford Univ. Palo Alto CA 94304
- 174-W-1138 12-STEP INVOLVEMENT AND ABSTINENCE OUTCOMES FOR THOSE WITH PSYCHOACTIVE SUBSTANCE AND PSYCHIACTRIC COMORBIDITY** D. J. Smith Alcohol Res. Group, School of Public Health, Univ. of California- Berkeley, Emeryville, CA 94608 US

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8. TREATMENT / RECOVERY - Cont'd (Poster Numbers 163-190/ Abstract Numbers 1127-1154)

a. Self-Help - cont'd

- 175-W-1139 GOALS FOR INITIATING PARTICIPATION IN AL-ANON FAMILY GROUPS: IMPLICATIONS FOR IMPROVING FACILITATION** S. Chan; M. Joyner; R. Cronkite; C. Timko Ctr. for Health Care Evaluation, Dept. of Veterans Affairs and Stanford Univ. Palo Alto CA 94025
- 176-W-1140 RECOVERY-RELATED PREDICTORS OF PSYCHOLOGICAL WELL-BEING AMONG NARCOTICS ANONYMOUS MEMBERS** C. DeLucia, B. Bergman, A. Heinowitz, D. Beitra, S. Seibert, H. Howrey, & J. Mizrahi Nova Southeastern Univ. Fort Lauderdale FL 33314

b. Pharmacotherapy (more on Tuesday)

- 177-W-1141 MEMANTINE EFFECTS ON NEURAL COMPLEXITY OF EVENT-RELATED POTENTIAL (ERP) IN SUBJECTS WITH AND WITHOUT FAMILY HISTORIES OF ALCOHOLISM** B. Narayanan, R. Jiantonio, M. C. Stevens, J. H. Krystal, G. D. Pearlson Olin Neuropsychiatry Res. Ctr., Inst. of Living at Hartford Hosp., Hartford, CT-06106
- 178-W-1142 MAGNESIUM & ACAMPROSATE FOR THE TREATMENT OF ALCOHOL WITHDRAWAL** K.-S. Lee¹, K.-H. Joe². ¹ Addiction Ctr., Dept of Psychiatry, Seoul National Hosp., Seoul, Korea ² Dasarang Hosp., Kyonggi-do, Korea
- 179-W-1143 MECMYLAMINE FOR THE TREATMENT OF PATIENTS WITH DEPRESSION AND ALCOHOL DEPENDENCE** E. Ralevski, JS Jane, A O'Brien, J Weiner, E Edens, B Arnaout, K Kerfoot, R Dwan, I Petrakis Yale Univ. School of Medicine, VA CT Healthcare System, Alcohol Res. Ctr. West Haven CT 06516
- 180-W-1144 MIRTAZAPINE PILOT TRIAL IN COMORBID MDD-AUD** J.R. Cornelius; A. Douaihy; D.B. Clark; I.M. Salloum; T. Chung; D.S. Wood; L. Kirisci; I. Salloum; D. Daley Univ of Pittsburgh School of Med. Pittsburgh PA 15213
- 181-W-1145 EFFECTS OF ZONISAMIDE TREATMENT ON SHORT-TERM REMISSION FROM ALCOHOL DEPENDENCE** A. Arias, R. Feinn, I. Petrakis, J. Covault, H. Kranzler Yale Univ. School of Med. New Haven CT 06511
- 182-W-1146 CLINICAL TRIAL OF ESCITALOPRAM FOR ALCOHOLISM COMORBID WITH AFFECTIVE DISORDERS** E. Krupitsky, S. Yerish, A. Kiselev St Petersburg VM Bekhterev Res. Psychoneurological Inst., St Petersburg 192019, Russia
- 183-W-1147 D-CYCLOSERINE AND EXTINCTION TO ALCOHOL CUES IN TREATMENT-SEEKING AUD+ ADULTS: PRELIMINARY FINDINGS** MacKillop, J., Few, L.R., Malutinok, S., Murphy, C.M., Stojek, M.K., Johnson, F.T., Hofmann, S.G., McGeary, J.E., Swift, R.M., Monti, P.M. Univ. of Georgia Athens GA 30605
- 184-W-1148 TOLERABILITY OF D-CYCLOSERINE IN TREATMENT-SEEKING AUD+ ADULTS: PRELIMINARY FINDINGS** Few, L.R., Malutinok, S., Murphy, C.M., Stojek, M.K., Johnson, F., Hofmann, S., McGeary, J.G., Swift, R., Monti, P.M., MacKillop, J. Univ. of Georgia Athens GA 30602
- 185-W-1149 PLACEBO GROUP IMPROVEMENT IN TRIALS OF PHARMACOTHERAPIES FOR ALCOHOL USE DISORDERS: A MULTIVARIATE META-ANALYSIS EXAMINING CHANGE OVER TIME** Del Re, A. C.; Finney, J. W.; Maisel, N. C.; Blodgett, J. C. HSR&D Ctr. for Health Care Evaluation, VA Palo Alto Health Care System & Stanford Univ. School of Med.
- 186-W-1150 MEDICAL MANAGEMENT USING THE NIAAA GENERIC VERSION MAY BE APPROPRIATE FOR PRIMARY CARE SETTINGS** W.D. Dundon, B. Labate, B. Beitler, D. Oslin, H.M. Pettinati Univ. of Pennsylvania, School of Med., Philadelphia, PA 19104, Funding for this project comes in part from RO1-AA-017164 (PI=Oslin) and P50-DA-012756 (PI=Pettinati)
- 187-W-1151 CONSUMER SATISFACTION AND EFFICACY OF THE HANGOVER CURE AFTER-EFFECT[®]** J.C. Verster¹; O. Berthelemy² ¹ Utrecht Univ., Utrecht Inst. for Pharmaceutical Sciences, Utrecht, Div. of Pharmacology, Utrecht, The Netherlands, ² Deenox SAS, Orsay, France
- 188-W-1152 SOCIAL ANXIETY, DRINKING, AND DELIBERATE DRINKING TO COPE: A COMPLEX RELATIONSHIP** S.W. Book¹, S.E.Thomas¹, P.M. Miller¹, J.P. Smith¹, P.K. Randall¹, G.A. Bernstein², S. Specker², M. Kushner², C. L. Randall¹ ¹Charleston Alcohol Res. Ctr., Med. Univ. of South Carolina 29425 ²Univ. of Minnesota MN 55455
- 189-W-1153 MIRTAZAPINE FOR COLLEGE STUDENTS WITH ALCOHOL DEPENDENCE AND COMORBID MAJOR DEPRESSION: A NATURALISTIC OPEN LABEL STUDY.** A. Diaz-Martinez; R.L. Diaz Martinez; C.A. Hernandez-Avila National Autonomous Univ. of Mexico School of Med., Mexico City Mexico 4510
- 190-W-1154 DIFFERENTIAL IMPACT OF CANNABIS ABUSE ON DEPRESSION REMISSION IN COMORBID DEPRESSION AND ALCOHOLISM** I.M. Salloum; J.R. Cornelius; A. Douaihy; R. Caceda; F. Miao; L. Kirisci. Univ. of Miami Miller School of Med., Miami, FL 33136, Univ. of Pittsburgh School of Med., Pittsburgh, PA 15213, Univ. of Pittsburgh School of Pharmacy Pittsburgh PA 15213

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9. EPIDEMIOLOGY

(Poster Numbers 191-208/ Abstract Numbers 1155-1172)

a. Special Populations (children/adolescents, ethnic groups, gender)

- 191-W-1155 SEXUAL ORIENTATION DISCORDANCE AND HAZARDOUS DRINKING AMONG WOMEN** F. Aranda, A.E. Talley, T.L. Hughes, S.C. Wilsnack, & M.P. Marshal Univ. of Illinois at Chicago Chicago IL 60612
- 192-W-1156 ETHNIC AND RACIAL DIFFERENCES IN TRAUMA, MENTAL HEALTH, AND SUBSTANCE USE AMONG YOUNG ADULT SEXUAL MINORITY WOMEN** J. A. Blayney; K. F. Balsam; Y. Molina; T. Dillworth; E. Leickly; D. L. Kaysen Univ. of Washington, Dept. of Psychiatry and Behavioral Sciences Seattle WA 98195
- 193-W-1157 SELF-IDENTITIES AND RISK BEHAVIORS IN LGBT YOUNG ADULTS.** C. Corte; A. Matthews; L. Kuhns; A. Johnson; R. Garofalo. Chicago Univ. of Illinois at Chicago (CC and AM), Chicago, IL, 60612 and Children's Memorial Hosp., Chicago, IL (LK, AJ, and RG)
- 194-W-1158 LIFETIME SEXUAL VICTIMIZATION RISKS AMONG SEXUAL MINORITY MEN.** A. Hequembourg, J. Livingston, K. Parks Univ. at Buffalo, Res. Inst. on Addictions Buffalo NY 14203
- 195-W-1159 DISCRIMINATION, ALCOHOL USE, AND HIV RISK BEHAVIORS IN TRANSGENDER ADULTS** L., Safford; T., Heck; S., McNulty; J., Pierce; P., Perrin; D., Snipes; R., Zimmerman; and E., Benotsch. Virginia Commonwealth Univ. Richmond VA 23284
- 196-W-1160 INTIMATE PARTNER VIOLENCE AND ALCOHOL USE IN TREATMENT-MANDATED MEN AND WOMEN: DO SUBTYPES MATTER ACROSS GENDERS?** A. M. Wray, T. Hoyt, W. Campbell, & S. W. Feldstein Ewing. The Univ. of New Mexico Albuquerque NM 87131
- 197-W-1161 SOCIAL SUPPORT AND PARTNER AGGRESSION AMONG WOMEN WITH DUIS IN REMISSION FROM ALCOHOL USE DISORDERS.** V.V. McCutcheon, A.C. Heath Washington Univ. School of Med. St Louis MO 63110
- 198-W-1162 INTIMATE PARTNER VIOLENCE AND ALCOHOL MISUSE: A TWO-WAY STREET?** S. Lipsky, M. Kernic, D. Hasin, Q. Qiu, C. Wright. Univ. of Washington at Harborview Med. Ctr., Dept. of Psychiatry & Behavioral Sciences Seattle WA 98104
- 199-W-1163 ETHNICITY AND PREDICTORS OF BINGE DRINKING AND ALCOHOL USE DISORDER IN THE U.S. POPULATION: 1992 TO 2002** K.G. Chartier; R. Caetano Univ. of Texas, School of Pubic Health Dallas TX 75390
- 200-W-1164 HEALTH-DISPARITIES RESEARCH: WHEN BLACK IS NOT COVARIATE-ADJUSTED WHITE** A. C. Heath Dept. of Psychiatry, Washington Univ. School of Med. St Louis MO 63110
- 201-W-1165 DETERMINANTS OF PROBLEM DRINKING AND DEPRESSION AMONG LATINO DAY LABORERS: A QUANTITATIVE STUDY** G.A. Bacio; L.A. Ray Univ. of California, Los Angeles, Dept. of Psychology Los Angeles CA 90095
- 202-W-1166 THE EXPOSURE TO A TRAUMATIC STRESSOR AND SUICIDE ATTEMPTS AMONG ALASKA NATIVES HOSPITALIZED FOR ALCOHOL DEPENDENCE** M.N. Hesselbrock; V.M. Hesselbrock, G. Chan Univ. of Connecticut, School of Med. Farmington CT 06030
- 203-W-1167 CONCURRENT MARIJUANA AND ALCOHOL USE AMONG ASIAN AND PACIFIC ISLANDER AMERICAN YOUNG ADULTS: THE ROLE OF THE FLUSHING EFFECT** A.P. Paves, J. Liu, C.W. Di Lodovico, S.H. Hsu, & T.W. Lostutter Univ. of Washington, Ctr. for the Study of Health and Risk Behaviors, Dept. of Psychiatry and Behavioral Sciences Seattle WA 98195
- 204-W-1168 QUALITY OF LIFE AND SOCIAL ENGAGEMENT DO NOT VARY ACROSS DRINKING PATTERNS AMONG OLDER ADULTS IN SOUTH AFRICA** P.Martinez; L. Lien; T. Clausen. Norwegian Ctr. for Addiction Res., Univ. of Oslo, Oslo Norway 0450
- 205-W-1169 THE EXPERIENCES OF DISCRIMINATION MEASURE IN A RURAL POPULATION: INITIAL VALIDATION AND ASSOCIATION WITH ALCOHOL USE AND HIV-RELATED RISK TAKING** K. P. Theall & J.M. Holmes Comprehensive Alcohol Res. Ctr., Louisiana State Univ. Health Sciences Ctr. & School of Public Health and Tropical Med., Tulane Univ. New Orleans LA 70112
- 206-W-1170 A PROSPECTIVE EXAMINATION OF POSTTRAUMATIC STRESS AND ALCOHOL USE DISORDERS AMONG RETURNING VETERANS** M.D. Pierce; M.D. Wood; M. Reddy; E. Sevin; M.T. Shea. Dept. of Psychology, Univ. of Rhode Island Kingston RI 02881
- 207-W-1171 NONMEDICAL PRESCRIPTION DRUG USE AMONG COLLEGE STUDENT DRINKERS IN A RURAL REGION** L.S. Ham; J.D. Wiersma; L.A. Milner; S.F. Lewis; M.T. Feldner Univ. of Arkansas, Dept. of Psychology Fayetteville AR 72701
- 208-W-1172 PRESCRIPTION DRUG MISUSE AMONG COLLEGE STUDENT DRINKERS: A RISK FACTOR FOR HIGHER LEVELS OF HAZARDOUS DRINKING?** L. A. Milner, L. S. Ham, J. A. Shaver, A. D. Tougaw, A. L. Wilson Univ. of Arkansas Fayetteville AR 72701