

RSA 2010 DAILY SCHEDULE

FRIDAY, JUNE 25

2:00pm - 5:00pm	INIA STEERING COMMITTEE - Closed	BOWIE B
5:00pm - 10:00pm	RSA BOARD OF DIRECTORS MEETING - Closed	SEGUIN A-B

SATURDAY, JUNE 26

SATELLITE MEETINGS

7:30am - 5:00pm	Fetal Alcohol Spectrum Disorder - Study Group	TEXAS D
7:30am - 6:00pm	Integrative Neurosciences Initiative on Alcoholism (INIA) - STRESS - closed	TRAVIS C-D
8:00am - 4:00pm	Integrative Neurosciences Initiative on Alcoholism (INIA) - WEST - closed	TRAVIS A-B
8:00am - 5:00pm	6th Annual Satellite: Evolving Study of Behavioral Mechanisms of Change: In and Outside of Treatment- <u>open</u>	TEXAS F
8:00am - 5:30pm	Addressing the Role of Alcohol and Treatment in HIV Transmission and Progression - <u>open</u>	TEXAS E
8:30am - 4:30pm	A Systems Biology Approach to Understanding the Effects of Alcohol on the Brain - <u>open</u>	LONE STAR A
9:30am - 4:00pm	Alcohol Hangover: A Research Symposium and Consensus Meeting - <u>open</u>	LONE STAR B
9:00am - 12noon	RSA BOARD OF DIRECTORS MEETING - Closed	SEGUIN A-B

SATELLITE MEETINGS

1:00pm - 4:00pm	Pharmacological Treatment of Alcohol and Co-Occurring Psychiatric Disorders: What Do We Know, and Where Do We Go From Here? - <u>open</u>	LONE STAR C
1:00pm - 5:00pm	Charles S. Lieber - A Life Dedicated to Research on Alcoholism - Alcoholic Liver Disease: From Pathophysiology to Therapy - <u>open</u>	BONHAM C
1:00pm - 6:00pm	RSA REGISTRATION DESK - Open	TEXAS FOYER
7:00pm - 10:00pm	2010 RSA OPENING RECEPTION <u>Ticket Required</u>	LONE STAR D-E-F

SUNDAY, JUNE 27

6:30am - 8:30am	CONTINENTAL BREAKFAST - <u>Nametag Required</u>	TEXAS FOYER
7:30am - 4:30pm	RSA REGISTRATION DESK - Open	TEXAS FOYER
8:00am - 8:15am	OFFICIAL OPENING <u>Dr. Sara Jo Nixon</u> - RSA President's Remarks / Memorials	TEXAS D-E-F
8:15am - 8:30am	NIAAA UPDATE <u>Dr. Kenneth Warren</u> - NIAAA Acting Director	TEXAS D-E-F

RSA 2010 DAILY SCHEDULE

SUNDAY, JUNE 27

8:30am - 9:30am

PLENARY SESSION I - DR. TING-KAI LI LECTURESHIP

TEXAS D-E-F

FETAL ALCOHOL SPECTRUM DISORDER: RESEARCH TO PREVENTION
Kathleen K. Sulik, Ph.D., Department of Cell and Developmental Biology and
Bowles Center for Alcohol Studies, University of North Carolina, Chapel Hill, NC 27599

Kathleen K. Sulik, Ph.D. is a Professor of Cell and Developmental Biology and a member of the Bowles Center for Alcohol Studies at the University of North Carolina, Chapel Hill, NC. Dr. Sulik has authored over 200 publications; many of them regarding alcohol-induced birth defects. In 1995-6 she served as the president of the Teratology Society and in 2004-5 as President of the Fetal Alcohol Spectrum Disorder Study Group (FASDSG). In 2007 she received the NOFAS Excellence award for her pioneering research and distinguished contributions to the FAS field; and in 2009 she was presented the Henry Rosett award by the FASDSG for her career achievements.

This presentation will focus on the genesis of facial and CNS abnormalities that result from prenatal ethanol exposure in a Fetal Alcohol Spectrum Disorders (FASD) mouse model. The results of high resolution magnetic imaging-based investigations and the promise of this technology to aid in advancing our understanding of a broad range of ethanol-induced congenital abnormalities and their developmental stage dependency will be highlighted. Notable is that permanent CNS damage follows acute insult to mice at a time corresponding to the 3rd week of human embryonic development. Application of these findings to primary FASD prevention efforts has entailed development of middle and high school science and health curricula that emphasize the message that maternal alcohol use even prior to the time that most pregnancies are recognized can cause serious damage to the baby.

Supported by NIH/NIAAA grants AA011605, AA017124, AA019211, AA018245, AA007573 and NCR/NCI grants P41 05959 and U24 CA092656

9:30am - 10:00am

COFFEE BREAK

TEXAS FOYER

10:00am - 12noon

SYMPOSIUM

TEXAS D

***COLLABORATIVE INITIATIVE ON FETAL ALCOHOL SPECTRUM
DISORDERS (CIFASD): FROM MICRO-RNA TO BEHAVIOR
Organizer/Chair: Michael E. Charness, VA Boston Healthcare System and
Harvard Medical School, West Roxbury MA 02468

- 10:00 INTRODUCTION
Michael E. Charness, VA Boston Healthcare System and Harvard Medical School, West Roxbury MA 02468
- 10:10 BRAIN AND CIRCULATING MICRO-RNA (MIRNA) BIOMARKERS OF FETAL ETHANOL EXPOSURE
Rajesh C. Miranda, Dept. of Neuroscience, Texas A&M Univ. HSC, College Station TX 77843
- 10:35 FACIAL MEASUREMENTS IN MOUSE AS MODELS OF DIAGNOSIS OF FETAL ALCOHOL SPECTRUM DISORDERS
Feng C. Zhou, Dept. of Anatomy and Cell Biology, Indiana Univ. School of Medicine, Indianapolis IN 46202
- 11:00 MULTI-SITE MULTIMODAL NEUROIMAGING IN FASD: NEUROBEHAVIORAL AND FACIAL MORPHOLOGY CORRELATES
Elizabeth R. Sowell, Dept. of Neurology, Univ. of California, Los Angeles CA 90095
- 11:25 NEUROBEHAVIORAL INSIGHTS INTO FETAL ALCOHOL SPECTRUM DISORDERS: A MULTISITE, MULTIMETHOD APPROACH
Sarah N. Mattson, Ctr. for Behavioral Teratology, San Diego State Univ., San Diego CA 92120
- 11:50 DISCUSSANT
Michael E. Charness, VA Boston Healthcare System and Harvard Medical School, West Roxbury MA 02468

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RSA 2010 DAILY SCHEDULE

SUNDAY, JUNE 27

10:00am - 12noon

SYMPOSIUM

TEXAS E

EXERCISING SOME CONTROL OVER HOW ALCOHOL AFFECTS THE BRAIN

Organizer/Chair: Brian Christie, Medical Sciences Dept., Univ. of Victoria, Victoria, BA Canada V8W 2Y2

Chair: Kim Nixon, Dept. of Pharmaceutical Sciences, Univ. of Kentucky, Lexington KY 40536

- 10:00 INTRODUCTION
Brian Christie, Medical Sciences Dept., Univ. of Victoria, Victoria, BA Canada V8W 2Y2
- 10:10 EFFECTS OF EXERCISE ON ADULT HIPPOCAMPAL NEUROGENESIS FOLLOWING PRE- AND POST-NATAL ETHANOL EXPOSURE
Anna Patten, Medical Sciences Dept., Univ. of Victoria, Victoria, BA Canada V8W 2Y2
- 10:35 EXERCISE NEUROPROTECTION IN AN ANIMAL MODEL OF AN ALCOHOL USE DISORDER
Kim Nixon, Dept. of Pharmaceutical Sciences, Univ. of Kentucky, Lexington KY 40536
- 11:00 GENE EXPRESSION STUDIES OF ALCOHOL, WHEEL RUNNING BEHAVIORS, AND POSSIBLE INTERACTIONS
Marissa Ehringer, Dept. of Integrative Physiology, Univ. of Colorado, Boulder CO 80309
- 11:25 EFFECTS OF EXERCISE ON ALCOHOL INTAKE BEHAVIOR
J. Leigh Leasure, Dept. of Psychology, Univ. of Houston, Houston TX 77204
- 11:50 DISCUSSANT
Jennifer Thomas, San Diego State Univ., San Diego CA 92120

10:00am - 12noon

SYMPOSIUM

LONE STAR E

ALCOHOL BINDING SITES: THE QUEST FOR ATOMIC LEVEL RESOLUTION

Organizers/Chairs: Adron Harris, Waggoner Ctr. for Alcohol and Addiction Research, Univ. of Texas, Austin TX 78712

and Jim Trudell, Stanford Univ. School of Medicine, Stanford CA 94305

- 10:00 INTRODUCTION
Adron Harris, Waggoner Ctr. for Alcohol and Addiction Research, Univ. of Texas, Austin TX 78712
- 10:10 A DISCRETE HYDROPHOBIC POCKET MEDIATES ETHANOL ACTIVATION OF GIRK CHANNELS
Paul Slesinger, The Salk Inst. for Biological Studies, La Jolla CA 92037
- 10:35 SITES OF ALCOHOL MODULATION OF TRPV1 CHANNELS
Rebecca Howard, Waggoner Ctr. for Alcohol and Addiction Research, Univ. of Texas, Austin TX 78712
- 11:00 MOLECULAR TARGETS AND MECHANISMS FOR ETHANOL ACTION IN GLYCINE RECEPTORS
Daryl Davies, Univ of Southern California, School of Pharmacy, Los Angeles CA 90033
- 11:25 ALCOHOL BINDING SITE(S) IN PROTEIN KINASE C EPSILON
Joydip Das, Dept. of Pharmacological and Pharmaceutical Sciences, Univ. of Houston, Houston TX 77204
- 11:50 DISCUSSANT
Jim Trudell, Stanford Univ. School of Medicine, Stanford CA 94305

RSA 2010 DAILY SCHEDULE

SUNDAY, JUNE 27

10:00am - 12noon

SYMPOSIUM

LONE STAR D

***GENETIC VARIATION IN THE MU-OPIOID RECEPTOR GENE AND
ALCOHOLISM PHENOTYPES: FROM MOUSE TO MAN

Organizer/Chair: Lara Ray, Dept. of Psychology, Univ. of California, Los Angeles CA 90095

Chair: Raymond Anton, Dept. of Psychiatry, Medical Univ. of South Carolina, Charleston SC 29425

- 10:00 INTRODUCTION
David Goldman, Lab of Neurogenetics, NIAAA, Bethesda MD 20892
- 10:10 FUNCTIONAL CHARACTERIZATION OF A MOUSE MODEL FOR *OPRM1* SNP (A118G): DRUG AND SEX-DEPENDENCY
Julie Blendy, Dept. of Pharmacology, Univ. of Pennsylvania, Philadelphia PA 19104
- 10:35 *OPRM1* VARIATION PREDICTS RESPONSE TO NOVELTY AND ALCOHOL-INDUCED AGGRESSION IN RHESUS MACAQUES
Christina Barr, Sec. on Neurochemistry and Neuroendocrinology, NIAAA, Poolesville MD 20892
- 11:00 *OPRM1* VARIATION AND MECHANISMS OF STRESS, CRAVING, AND SUBJECTIVE INTOXICATION AMONG ALCOHOL DEPENDENT AND NON-DEPENDENT DRINKERS
Lara Ray, Dept. of Psychology, Univ. of California, Los Angeles CA 90095
- 11:25 *OPRM1* GENOTYPE, ALCOHOL CONSUMPTION/EFFECTS, AND NALTREXONE RESPONSE UNDER NATURAL CONDITIONS AND IN A BAR-LAB PARADIGM
Raymond Anton, Dept. of Psychiatry, Medical Univ. of South Carolina, Charleston SC 29425
- 11:50 DISCUSSANT
David Oslin, Dept. of Psychiatry, Univ. of Pennsylvania, Philadelphia PA 19104

10:00am - 12noon

SYMPOSIUM

LONE STAR B

ETHANOL METABOLIC STRESS: MULTIPLE NEW PLAYERS

Organizer/Chair: Shivendra D. Shukla, Dept. of Medical Pharmacology/Physiology, Univ. of Missouri, Columbia MO 65212

Chair: Alan Cahill, Dept. of Anatomy and Cell Biology, Thomas Jefferson Univ., Philadelphia PA 19107

- 10:00 INTRODUCTION
Shivendra D. Shukla, Dept. of Medical Pharmacology/Physiology, Univ. of Missouri, Columbia MO 65212
- 10:10 HEPATOCELLULAR CONSEQUENCES OF ETHANOL-INDUCED ALTERED METHYLATION REACTIONS
Kusum Kharbanda, Liver Study Unit, Omaha VA Medical Ctr., Omaha NE 68105
- 10:35 INVOLVEMENT OF THE MITORIBOSOME IN ETHANOL-MEDIATED MITOCHONDRIAL STRESS
Alan Cahill, Dept. of Anatomy and Cell Biology, Thomas Jefferson Univ., Philadelphia PA 19107
- 11:00 LIVER SPECIFIC LOSS OF THE ER CHAPERONE GRP78/BIP EXACERBATES ALCOHOL-INDUCED LIVER INJURY
Cheng Ji, GI/Liver Div., USC Keck School of Medicine, Los Angeles CA 90033
- 11:25 OXIDATIVE STRESS MEDIATES EPIGENETIC HISTONE H3 ACETYLATION BY ETHANOL
Shivendra D. Shukla, Dept. of Medical Pharmacology/Physiology, Univ. of Missouri, Columbia MO 65212
- 11:50 DISCUSSANT
Shivendra D. Shukla, Dept. of Medical Pharmacology/Physiology, Univ. of Missouri, Columbia MO 65212

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10:00am - 12noon

SYMPOSIUM

REPUBLIC B

***ALCOHOL AND ITS IMPACT ON SLEEP

Organizer/Chair: Maresh M. Thakkar, HSTVM Hospital, Univ. of Missouri, Columbia MO 65201

- 10:00 INTRODUCTION
Maresh M. Thakkar, HSTVM Hospital, Univ. of Missouri, Columbia MO 65201
- 10:10 ALCOHOL AND ITS IMPACT ON SLEEP
Timothy Roehrs, Henry Ford Hospital Sleep Disorders Ctr. and Dept. of Psychiatry and Behavioral Neurosciences, Wayne State Univ., Detroit MI 48202
- 10:35 INSOMNIA AND RELAPSE IN ALCOHOL-DEPENDENT INDIVIDUALS
Kirk Brower, Univ. of Michigan, Addiction Research Ctr., Ann Arbor MI 48109
- 11:00 CHRONIC ALCOHOL AND VIGILANCE STATES IN ANIMAL MODELS
Steve Simasko, Dept. of Veterinary and Comparative Anatomy, Pharmacology and Physiology, Washington State Univ., Pullman WA 99164
- 11:25 CHRONIC BINGE ETHANOL CAUSES PROTRACTED SLEEP DISRUPTIONS IN RATS
Rishi Sharma, Dept. of Neurology, Univ. of Missouri, Columbia MO 65212
- 11:50 DISCUSSANT
Kirk Brower, Univ. of Michigan, Addiction Research Ctr., Ann Arbor MI 48109

10:00am - 12noon

SYMPOSIUM

LONE STAR A

ALCOHOL PRICE AND TAXATION POLICIES: EFFECTS ON DRINKING AND POPULATION HEALTH

Organizer/Chair: Alexander C. Wagenaar, Dept. of Epidemiology and Health Policy Research, Univ. of Florida, Gainesville FL 32610

- 10:00 INTRODUCTION
Alexander C. Wagenaar, Dept. of Epidemiology and Health Policy Research, Univ. of Florida, Gainesville FL 32610
- 10:10 EFFECTS OF ALCOHOL PRICES AND TAXES ON ALCOHOL CONSUMPTION AND ALCOHOL-RELATED PROBLEMS: META-ANALYSES OF THE LITERATURE FROM 1960 TO 2009
Amy L. Tobler, Dept. of Epidemiology and Health Policy Research, Univ. of Florida, Gainesville FL 32610
- 10:35 EFFECTS OF ALCOHOL TAXES ON ALCOHOL DISEASE MORTALITY IN ALASKA (1983-2002) AND FLORIDA (1969-2004): AN APPLICATION OF TIME-SERIES ANALYSIS
Mildred Maldonado-Molina, Dept. of Epidemiology and Health Policy Research, Univ. of Florida, Gainesville FL 32610
- 11:00 COMPARABLE STATE-LEVEL ALCOHOL TAX RATES FOR BEER, WINE AND SPIRITS IN THE US
William C. Kerr, Alcohol Research Group, Emeryville CA 94608
- 11:25 MODELLING GENERAL AND TARGETED PRICE POLICY OPTIONS: ESTIMATION OF EFFECTS ON DIFFERENT SUBGROUPS OF THE POPULATION
Petra Meier, School of Health and Related Research, Univ. of Sheffield, Sheffield S1 4DA United Kingdom
- 11:50 DISCUSSANT
Ralph Hingson, NIAAA, Bethesda MD 20892

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SYMPOSIUM

TEXAS F

HOW PROSPECTIVE RESEARCH SURPRISES US: SERENDIPITOUS FINDINGS ABOUT DEVELOPMENT AND CHANGE FROM FOUR LONG TERM LONGITUDINAL STUDIES
Organizer/Chair: Robert A. Zucker, Addiction Research Ctr., Univ. of Michigan, Ann Arbor, MI 48109

10:00 INTRODUCTION

Robert A. Zucker, Addiction Research Ctr., Univ. of Michigan, Ann Arbor, MI 48109

10:10 MATURING OUT OF AUDDS DURING THE THIRD DECADE OF LIFE: SIMILARITIES AND DIFFERENCES WITH OTHER LIFE STAGES
Kenneth J. Sher, Univ. of Missouri and Midwest Alcoholism Research Ctr., Columbia MO 65211

10:35 SOCIAL IMPAIRMENT IN ADHD: RISK OR PROTECTION FOR EARLY ADULTHOOD ALCOHOL USE?
Brooke Molina, Dept. of Psychiatry, Univ. of Pittsburgh, Pittsburgh PA 15213

11:00 FAMILY INTERVENTION FOR PRESCHOOL CHILDREN OF ALCOHOLICS: UNANTICIPATED EFFECTS ON THE CHILDREN AND THEIR FAMILIES OVER THE COURSE OF 12 YEARS
Jennifer Jester, Addiction Research Ctr., Univ. of Michigan, Ann Arbor MI 48109

11:25 DIVERGENT LONG TERM CONSEQUENCES OF HEAVY ALCOHOL USE: LESSONS FOR TREATMENT OUTCOME RESEARCH
Sandra A. Brown, Dept. of Psychology and Psychiatry, Univ. of California, San Diego CA 92093

11:50 DISCUSSANT

Robert A. Zucker, Addiction Research Ctr., Univ. of Michigan, Ann Arbor, MI 48109

12:15pm - 1:45pm

SOCIAL WORKERS LUNCH - Closed
Organized by Michie Hesselbrock

SEGUIN A-B

12:15pm - 1:45pm

SATELLITE
Fetal Alcohol Canadian Expertise (FACE):
Update on Canadian Research in Fetal Alcohol Spectrum Disorder

LONE STAR B

12:15pm - 1:45pm

LUNCH BREAK
RSA Sponsored Student Luncheon
Organized by the RSA Education Committee Chair: Tamara Wall

LONE STAR C

12:15pm - 1:45pm

ALCOHOLISM: CLINICAL AND EXPERIMENTAL RESEARCH - Closed
Editorial Board and Review Editors Meeting / Luncheon

LONE STAR F

2:00pm - 4:00pm

SYMPOSIUM

TEXAS D

PROPOSED CHANGES FOR SUBSTANCE USE DISORDERS IN DSM-V
Organizer/Chair: Kathleen K. Bucholz, Washington Univ. School of Medicine, St. Louis MO 63110

2:00 INTRODUCTION

Kathleen K. Bucholz, Washington Univ. School of Medicine, St. Louis MO 63110

2:10 OVERVIEW OF THE CHANGES PROPOSED FOR DSM-V: REPORT OF THE SUBCOMMITTEE ON DIAGNOSTIC CRITERIA
Marc A. Schuckit, Univ. of California, San Diego School of Medicine, La Jolla CA 92037

2:35 COMBINING ABUSE AND DEPENDENCE IN THE DSM-V AND SEVERITY CONSIDERATIONS
Bridget F. Grant, Lab of Epidemiology and Biometry, NIAAA, Bethesda MD 20892

3:00 PROPOSED DSM-V CHANGES: EVIDENCE FROM EMERGENCY DEPARTMENTS IN FOUR COUNTRIES
Guilherme Borges, National Inst. of Psychiatry, Mexico City, 14370 Mexico

3:25 PROPOSED DSM-V CHANGES: INFORMATION FROM AN ISRAELI HOUSEHOLD SAMPLE
Deborah Hasin, Dept. of Psychiatry, Columbia Univ., New York NY 10032

3:50 DISCUSSANT

Charles O'Brien, Univ. of Pennsylvania School of Medicine, Philadelphia PA 19104

RSA 2010 DAILY SCHEDULE

SUNDAY, JUNE 27

2:00pm - 4:00pm

SYMPOSIUM

LONE STAR A

NEW DEVELOPMENTS IN UNDERSTANDING ALCOHOL-RELATED INTIMATE PARTNER VIOLENCE: EVIDENCE FROM 4 ONGOING INVESTIGATIONS

Organizer/Chair: Robert Freeman, NIAAA, Bethesda MD 20892

Chair: Kenneth Leonard, Univ. at Buffalo, Research Inst. on Addictions, Buffalo NY 14203

- 2:00 INTRODUCTION
Kahni Clements-Blackmon, Dept. of Psychiatry, Univ. of Mississippi, Jackson MS 39216
- 2:10 ALCOHOL, ALCOHOL EXPECTANCIES, AND HOSTILITY AS LONGITUDINAL PREDICTORS OF ALCOHOL-RELATED AGGRESSION
Kenneth Leonard, Univ. at Buffalo, Research Inst. on Addictions, Buffalo NY 14203
- 2:35 IMPULSIVITY AND PARTNER VIOLENCE IN MALE ALCOHOLICS
Julie A. Schumacher, Univ. of Mississippi Medical Ctr., Jackson MS 39216
- 3:00 UNDERAGE ALCOHOL USE AND DATING ABUSE AMONG AN URBAN PEDIATRIC EMERGENCY DEPARTMENT SAMPLE
Emily F. Rothman, Boston Univ. School of Public Health, Boston MA 02118
- 3:25 ALCOHOL OUTLETS & NEIGHBORHOOD SOCIAL DISORGANIZATION: TESTING ENVIRONMENTAL RISKS FACTORS FOR INTIMATE PARTNER VIOLENCE
Carol B. Cunradi, Prevention Research Ctr., PIRE, Berkeley CA 94704
- 3:50 DISCUSSANT
Karin Rhodes, Dept. of Emergency Medicine, Univ. of Pennsylvania, Philadelphia PA 19104

2:00pm - 4:00pm

SYMPOSIUM

LONE STAR B

***NEW APPLICATIONS OF INACTIVE ALDH2 MODELS FOR BASIC AND CLINICAL RESEARCH RELATED TO ALCOHOL

Organizers/Chairs: Susumu Higuchi, National Hospital, Kurihama Alcoholism Ctr., Yokosuka Kanagawa 239-0841 Japan
and Michie Hesselbrock, Univ. of Connecticut School of Social Work, Farmington CT 06030

- 2:00 INTRODUCTION
Susumu Higuchi, National Hospital, Kurihama Alcoholism Ctr., Yokosuka Kanagawa 239-0841 Japan
- 2:10 EFFECTS OF ACETALDEHYDE AND ALCOHOL ON ATTENTION: FINDINGS FROM A STUDY OF HEALTHY YOUNG JAPANESE
Susumu Higuchi, National Hospital, Kurihama Alcoholism Ctr., Yokosuka Kanagawa 239-0841 Japan
- 2:35 DIFFERENCES IN ALCOHOL-RELATED CHARACTERISTICS OF FEMALE ALCOHOLICS ACCORDING TO THEIR ADH2 OR ALDH2 GENOTYPE
Sung-Gon Kim, Dept. of Psychiatry, School of Medicine, Pusan National Univ., Pusan 602-739 Korea
- 3:00 A BRIEF WEB-BASED FEEDBACK INTERVENTION FOR REDUCING ALCOHOL-RELATED HEALTH RISKS ASSOCIATED WITH ALDH2 GENOTYPE
Christian Hendershot, Univ. of New Mexico, Mind Research Network, Albuquerque, NM 87106
- 3:25 FROM ANCIENT CHINESE MEDICINE TO MODERN PHARMACOLOGY: A NOVEL MOLECULAR APPROACH TO ALCOHOLISM AND ADDICTION
Ivan Diamond, Dept. of Neurology, Univ. of California-San Francisco, Berkeley CA 94707
- 3:50 DISCUSSANT
Howard J. Edenberg, Dept. of Biochemistry and Molecular Biology, Indiana Univ., Indianapolis, IN 46202

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RSA 2010 DAILY SCHEDULE

SUNDAY, JUNE 27

2:00pm - 4:00pm

SYMPOSIUM

TEXAS E

***ALCOHOL-INDUCED DOPAMINE DYSREGULATION: CLINICAL AND PRECLINICAL IMPLICATIONS

Organizer/Chair: Sara R. Jones, Dept. of Physiology and Pharmacology, Wake Forest Univ., Winston-Salem NC 27157

Chair: Donita L. Robinson, Dept. of Psychiatry, Univ. of North Carolina, Chapel Hill NC 27713

- 2:00 INTRODUCTION
Sara R. Jones, Dept. of Physiology and Pharmacology, Wake Forest Univ., Winston-Salem NC 27157
- 2:10 REAL-TIME DOPAMINE RELEASE IN THE VENTRAL STRIATUM DURING ALCOHOL REWARD
Donita L. Robinson, Dept. of Psychiatry, Univ. of North Carolina, Chapel Hill NC 27713
- 2:35 CHRONIC ALCOHOL EXPOSURE IN MONKEYS, RATS AND MICE REDUCES DOPAMINE SIGNALING IN STRIATUM
Sara R. Jones, Dept. of Physiology and Pharmacology, Wake Forest Univ., Winston-Salem NC 27157
- 3:00 STRIATAL DOPAMINE RELEASE IS COMPROMISED IN ALCOHOL-DEPENDENT SUBJECTS
Dean F. Wong, Div. of Nuclear Medicine, The Johns Hopkins Medical Inst., Baltimore MD 21287
- 3:25 PET RACLOPRIDE AND DOPAMINE DEPLETION STUDIES IN HUMANS
Marco Leyton, Psychiatry Dept., McGill Univ., Montreal, Quebec H3A 1A1 Canada
- 3:50 DISCUSSANT
Rueben Gonzales, Univ. of Texas College of Pharmacy, Austin TX 78713

2:00pm - 4:00pm

SYMPOSIUM

REPUBLIC B

NOVEL METHODS TO ASSESS SOCIETAL-LEVEL CAUSES OF ALCOHOL DISORDERS ACROSS TIME AND PLACE

Organizer/Chair: Katherine M. Keyes, Dept. of Epidemiology, Columbia Univ., New York NY 10032

- 2:00 INTRODUCTION
Katherine M. Keyes, Dept. of Epidemiology, Columbia Univ., New York NY 10032
- 2:10 UNDERSTANDING THE SOCIETAL CAUSES OF ADDICTION: THEORIZING AT THE GENE-ENVIRONMENT INTERFACE
Paul J. Gruenewald, Prevention Research Ctr., Berkeley CA 94704
- 2:35 NOVEL METHODS TO ASSESS VIOLENCE, ALCOHOL AND OTHER DRUG EXPOSURE AT THE NEIGHBORHOOD LEVEL:
THE NEIGHBORHOOD INVENTORY FOR ENVIRONMENTAL TYPOLOGY (NIFETy) METHOD
C. Debra Furr-Holden, Johns Hopkins Univ. School of Public Health, Baltimore MA 21202
- 3:00 THE UTILITY OF A SYSTEMS APPROACH IN UNDERSTANDING THE DYNAMICS OF STUDENT DRINKING BEHAVIOR AND
FORECASTING THE IMPACT OF CAMPUS POLICY
Richard Scribner, Louisiana State Univ. School of Public Health, New Orleans LA 70112
- 3:25 TIME AS A MULTI-LEVEL RISK FACTOR: THE IMPACT OF TIME PERIOD AND BIRTH COHORT-SPECIFIC SOCIAL NORMS
ON ADOLESCENT MARIJUANA AND ALCOHOL USE, 1976-2007
Katherine M. Keyes, Dept. of Epidemiology, Columbia Univ., New York NY 10032
- 3:50 DISCUSSANT
Wilson Compton, Div. of Epidemiology, Services and Prevention Research, NIDA, Bethesda MD 20892

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SUNDAY, JUNE 27

2:00pm - 4:00pm

SYMPOSIUM

LONE STAR E

***BIOLOGICAL SYSTEMS APPROACH TO UNDERSTANDING ALCOHOL-INDUCED TISSUE INJURY

Organizer/Chair: Patricia E. Molina, Dept. of Physiology, Louisiana State Univ. HSC, New Orleans LA 70112

Chair: Joseph Sisson, Dept. of Internal/Pulmonary Med., Univ. of Nebraska Medical Ctr., Omaha NE 68198

- 2:00 INTRODUCTION
Gyongyi Szabo, Dept. of Medicine, Univ. of Massachusetts, Worcester MA 01605
- 2:10 ALCOHOL, THE IMMUNE SYSTEM, AND LUNG DISEASE
Jay Kolls, Genetics Dept., Louisiana State Univ. HSC, New Orleans LA 70112
- 2:35 ALCOHOL AND WOUND HEALING
Katherine Radek, Loyola Univ. Medical Ctr., Burn and Shock Trauma Inst., Maywood IL 60153
- 3:00 ALCOHOL AND THE HEMATOPOIETIC SYSTEM
Robert Siggins, Dept. of Physiology, Louisiana State Univ. HSC, New Orleans LA 70112
- 3:25 ALCOHOL AND THE MUSCULOSKELETAL SYSTEM
Patricia E. Molina, Dept. of Physiology, Louisiana State Univ. HSC, New Orleans LA 70112
- 3:50 DISCUSSANT
Elizabeth Kovacs, Dept. of Surgery, Loyola Univ. School of Medicine, Maywood IL 60153

2:00pm - 4:00pm

SYMPOSIUM

TEXAS F

BIOLOGICAL UNDERPINNINGS OF SOCIAL ASPECTS OF ALCOHOL ABUSE

Organizer/Chair: Andrey E. Ryabinin, Dept. of Behavioral Neuroscience, Oregon Health & Science Univ., Portland OR 97239

Chair: Kenneth J. Sher, Dept. of Psychology, Univ. of Missouri, Columbia MO 65211

- 2:00 INTRODUCTION
Andrey E. Ryabinin, Dept. of Behavioral Neuroscience, Oregon Health & Science Univ., Portland OR 97239
- 2:10 LONGITUDINAL PREDICTORS OF DRINKING, HEAVY DRINKING, AND ALCOHOL PROBLEMS: THE ROLE OF SOCIAL FACTORS
Gregory G. Homish, Dept. of Health Behavior, State Univ. of New York, Buffalo NY 14214
- 2:35 SOCIAL CONSEQUENCES OF ETHANOL: IMPACT OF AGE, STRESS AND PRIOR HISTORY OF ETHANOL EXPOSURE
Elena Varlinskaya, Dept. of Psychology, Binghamton Univ., Binghamton NY 13902
- 3:00 THE EFFECTS OF AFFILIATIVE RELATIONSHIPS ON ALCOHOL DRINKING IN PRAIRIE VOLES
Allison M.J. Anacker, Dept. of Behavioral Neuroscience, Oregon Health & Science Univ., Portland OR 97239
- 3:25 GABAERGIC MODULATION OF SEROTONERGIC IMPULSE FLOW TO PREFRONTAL CORTEX - A POTENTIAL MECHANISM FOR ALCOHOL-HEIGHTENED AGGRESSION
Klaus A. Miczek, Tufts Univ., Medford MA 02155
- 3:50 DISCUSSANT
Kenneth J. Sher, Dept. of Psychology, Univ. of Missouri, Columbia MO 65211

4:00pm - 6:30pm

POSTER SESSION I

TEXAS A-B-C

POSTER NUMBERS: 1-233 / ABSTRACT NUMBERS: 1-233
three 45-minute periods and 15-minutes for final unmanned viewing
(light refreshments)

***Indicates an integrative symposium. We strongly encouraged proposals that bridge different types of research (e.g., preclinical and clinical), to provide the opportunity for society members with different interests to interact.

RSA 2010 DAILY SCHEDULE

SUNDAY, JUNE 27

6:15pm - 7:30pm

PAPER SESSION

LONE STAR A

ENOCH GORDIS AWARD FINALISTS - STUDENTS

Moderator: Donita L. Robinson

- | | | |
|------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 6:15 | Donita L. Robinson | INTRODUCTION |
| 6:18 | Jacqueline Barker | MALE CHROMOSOMAL STATUS PREDICTS RAPID FORMATION OF ETHANOL HABIT |
| 6:30 | Ben Lewis | IDENTIFICATION AND SCREENING OF NOVEL AND KNOWN COMPOUNDS FOR NEUROPROTECTIVE AND ANTI-RELAPSE EFFICACY |
| 6:42 | Daniel Roche | ALCOHOL IMPAIRMENT OF PRO-SACCADIC AND SMOOTH PURSUIT EYE MOVEMENTS: IMPACT OF RISK FACTORS FOR ALCOHOL DEPENDENCE |
| 6:54 | Christina Schier | DOPAMINE SIGNALING IN THE MEDIAL PREFRONTAL CORTEX OF THE LONG EVANS RAT DURING ACUTE INTRAVENOUS OR ORAL SELF-ADMINISTRATION OF ETHANOL |
| 7:06 | Joseph Schacht | STABILITY OF FMRI RESPONSE TO ALCOHOL CUES: A REPEATED STUDY AMONG NON-TREATMENT-SEEKING ALCOHOLICS |
| 7:18 | Reagan Wetherill | ACUTE EFFECTS OF ALCOHOL ON NEURAL CORRELATES OF SOURCE MEMORY: AN EXAMINATION OF FRAGMENTARY BLACKOUTS |

6:15pm - 7:30pm

PAPER SESSION

LONE STAR B

STRESS / TRAUMA AND DRINKING

Moderator: William Corbin

- | | | |
|------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 6:15 | William Corbin | INTRODUCTION |
| 6:20 | Marc Kruse | EVIDENCE OF PROBLEMATIC PATTERNS OF DRINKING IN HIGH-FUNCTIONING OEF/OIF VETERANS |
| 6:34 | Jennifer Mrnak-Meyer | PREDICTORS OF HOSPITALIZATION FOR SUICIDALITY AMONG VETERANS WITH COMORBID ALCOHOL/ DRUG DEPENDENCE AND DEPRESSION |
| 6:48 | Michele Bedard-Gilligan | ALCOHOL INVOLVED ASSAULT: ASSOCIATIONS WITH POST-TRAUMA ALCOHOL USE, CONSEQUENCES, AND EXPECTANCIES |
| 7:02 | Inger Burnett-Zeigler | PREVALENCE AND CORRELATES OF ALCOHOL MISUSE AMONG RETURNING IRAQ AND AFGHANISTAN VETERANS |
| 7:16 | Carrol D'Sa | BLUNTED PLASMA DEHYDROEPIANDROSTERONE SULFATE (DHEAS) RESPONSES FOLLOWING STRESS AND CUE EXPOSURE IN ALCOHOL-DEPENDENT INDIVIDUALS |

6:15pm - 8:15pm

SYMPOSIUM

LONE STAR C

IMPLICATION OF PURINERGIC SYSTEM IN ALCOHOL USE DISORDERS

Organizer/Chair: Doo-Sup Choi, Dept. of Molecular Pharmacology, Mayo Clinic, Rochester MN 55905

- | | |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6:15 | INTRODUCTION
Doo-Sup Choi, Dept. of Molecular Pharmacology, Mayo Clinic, Rochester MN 55905 |
| 6:25 | BRAIN ADENOSINERGIC A ₁ MODULATION OF ETHANOL ATAXIA; POSSIBLE PURINERGIC MECHANISMS
M. Saeed Dar, Dept. of Pharmacology and Toxicology, East Carolina Univ., Greenville NC 27834 |
| 6:50 | ROLE OF ADENOSINERGIC MECHANISM IN MEDIATING THE SLEEP PROMOTING EFFECTS OF ETHANOL
Mahesh Thakkar, Dept. of Neurology, Univ. of Missouri, Columbia MO 65201 |
| 7:15 | REGULATION OF STRIATAL CREB ACTIVITY IS IMPLICATED IN ALCOHOL PREFERENCE IN MICE LACKING ENT1
Doo-Sup Choi, Dept. of Molecular Pharmacology, Mayo Clinic, Rochester MN 55905 |
| 7:40 | A ROLE FOR ATP-GATED P2X ₄ RECEPTORS IN ALCOHOL CONSUMPTION
Liana Asatryan, Univ. of Southern California, School of Pharmacy, Los Angeles CA 90033 |
| 8:05 | DISCUSSANT
M. Saeed Dar, Dept. of Pharmacology and Toxicology, East Carolina Univ., Greenville NC 27834 |

RSA 2010 DAILY SCHEDULE

SUNDAY, JUNE 27

6:15pm - 8:15pm

SYMPOSIUM

LONE STAR D

INFLUENCE OF ETHANOL ABUSE ON AUTOPHAGY

Organizer/Chair: Angela Dolganiuc, Dept. of Medicine, Univ. of Massachusetts Med. School, Worcester MA 01605
Chair: Terrence M. Donohue, Dept. of Internal Medicine, Univ. of Nebraska Med. Ctr., Omaha NE 68105

- 6:15 INTRODUCTION
Angela Dolganiuc, Dept. of Medicine, Univ. of Massachusetts Med. School, Worcester MA 01605
- 6:25 ETHANOL CONSUMPTION AND AUTOPHAGY IN THE LIVER
Terrence M. Donohue, Dept. of Internal Medicine, Univ. of Nebraska Med. Ctr., Omaha NE 68105
- 6:50 BINGE ALCOHOL DRINKING INTERFERES WITH BCL-2/BECLIN-1 BRANCH OF LPS-INDUCED AUTOPHAGY IN THE LIVER
Angela Dolganiuc, Dept. of Medicine, Univ. of Massachusetts Med. School, Worcester MA 01605
- 7:15 ALCOHOL ABUSE AND MACROAUTOPHAGY
Xiao-Ming Yin, Dept. of Pathology, Univ. of Pittsburgh, Pittsburgh PA 15261
- 7:40 MITOCHONDRIAL AUTOPHAGY (MITOPHAGY) AS A MECHANISM OF MITOCHONDRIAL TURNOVER
John J. Lemasters, Medical Univ. of South Carolina, Charleston SC 29425
- 8:05 DISCUSSANT
Gyongyi Szabo, Dept. of Medicine, Univ. of Massachusetts Med. Ctr., Worcester MA 01605

6:15pm - 8:15pm

SYMPOSIUM

LONE STAR E

ASSESSMENT OF COMPREHENSIVE ALCOHOL SYSTEMS AT U.S. COLLEGES

Organizer/Chair: Traci L. Toomey, Univ. of Minnesota School of Public Health, Minneapolis MN 55454

- 6:15 INTRODUCTION
Traci L. Toomey, Univ. of Minnesota School of Public Health, Minneapolis MN 55454
- 6:25 IMPLEMENTATION OF NIAAA COLLEGE DRINKING TASK FORCE RECOMMENDATIONS: HOW ARE COLLEGES DOING 6 YEARS LATER?
Toben F. Nelson, Univ. of Minnesota School of Public Health, Minneapolis MN 55454
- 6:50 SCREENING, INTERVENTION, AND TREATMENT SERVICES AMONG 4-YEAR COLLEGES IN THE U.S.
Ken C. Winters, Dept. of Psychiatry, Univ. of Minnesota, Minneapolis MN 55454
- 7:15 ALCOHOL CONTROL POLICIES AND ENFORCEMENT AMONG 4-YEAR COLLEGES IN THE U.S.
Kathleen M. Lenk, Univ. of Minnesota School of Public Health, Minneapolis MN 55454
- 7:40 ASSESSING COMPREHENSIVENESS AND CLASSES OF COLLEGE ALCOHOL SYSTEMS
Darin J. Erickson, Univ. of Minnesota School of Public Health, Minneapolis MN 55454
- 8:05 DISCUSSANT
Traci L. Toomey, Univ. of Minnesota School of Public Health, Minneapolis MN 55454

7:30pm - 9:30pm

RSA SPONSORED POST-DOC DINNER

Organized by the RSA Education Committee Chair: Sarah Pedersen
If you have not already RSVPd - deadline Sunday at 12noon - Ticket Required.

RSA 2010 DAILY SCHEDULE

MONDAY, JUNE 28

6:30am - ...	RSA 5K FUN RUN AND WALK Sign-in at 6:00am-6:25am	RIVERWALK
6:30am - 8:30am	CONTINENTAL BREAKFAST - <u>Nametag Required.</u>	TEXAS FOYER
7:30am - 4:30pm	RSA REGISTRATION DESK - Open	TEXAS FOYER
8:00am - 9:00am	PLENARY SESSION II RSA Distinguished Researcher Awardee (2010)	TEXAS D-E-F

MULTIPLE ETIOLOGIES OF THE ALCOHOLIC PHENOTYPE: EVOLUTION OF RISK OVER THE FIRST 20 YEARS
Robert A. Zucker, Ph.D., Dept. of Psychiatry, Univ. of Michigan, Ann Arbor MI 48109

Robert A. Zucker is Director of the University of Michigan Addiction Research Center and Professor of Psychiatry and Psychology at Michigan. He was trained at Harvard and has had a career long focus on the multi-level developmental etiology of alcohol and other substance use disorders, and the implications of that work for early screening and prevention agendas. He also has worked on the development of substance abuse research capability in Eastern Europe.

Alcoholism has generally been regarded as a single phenotype, even though the evidence has been accumulating for the past 30 years that it is not. I review the multiple strands of evidence from my own work and the ongoing literature supporting this point, then move to description of a series of studies illustrating (a) that developmental markers of disorder are emergent during the preschool and early school years, and (b) that etiologic mechanisms ranging from neighborhood social context to brain functional response systems play an apparently complementary role in the emergence of the disorders. The talk concludes with a brief review of the developmental evidence for resilience in the face of elevated risk, and a brief discussion of the social policy dilemmas that these developmental studies provide for the field.

9:00am - 9:30am	COFFEE BREAK	TEXAS FOYER
9:30am - 11:30am	SYMPOSIUM	LONE STAR A

SUBREGIONS OF THE STRIATUM MEDIATE DISTINCT ROLES IN ALCOHOL-RELATED BEHAVIORS:
ANALYSES FROM NEURONS TO BRAIN IMAGING

Organizer: Gang Chen, Oregon Health Science Univ. and VA Medical Ctr., Portland OR 97239

Chairs: Kari Buck, Oregon Health Science Univ. and VA Medical Ctr., Portland OR 97239 and

David M. Lovinger, Lab of Integrative Neuroscience, NIAAA, Bethesda MD 20892

9:30	INTRODUCTION David M. Lovinger, Lab of Integrative Neuroscience, NIAAA, Bethesda MD 20892
9:40	INVOLVEMENT OF THE ROSTROVENTRAL CAUDATE PUTAMEN IN ETHANOL WITHDRAWAL IN MICE IS INFLUENCED BY A CHROMOSOME 4 LOCUS Gang Chen, Oregon Health Science Univ. and VA Medical Ctr., Portland OR 97239
10:05	CHRONIC EXPOSURE TO ETHANOL ALTERS NEUROTRANSMISSION ONTO MEDIUM SPINY NEURONS OF THE MONKEY AND MOUSE STRIATUM Verginia C. Cuzon Carlson, Lab of Integrative Neuroscience, NIAAA, Bethesda MD 20892
10:30	LONG-LASTING FACILITATION OF NMDARS IN DORSOMEDIAL STRIATUM IN RESPONSE TO INTERMITTENT EXPOSURE TO ETHANOL - IMPLICATIONS TO EXCESSIVE ALCOHOL INTAKE AND RELAPSE Jun Wang, Dept. of Neurology, The Gallo Research Ctr., Univ. of California-SF, Emeryville CA 94608
10:55	IMAGING OF NEUROBIOLOGICAL CORRELATES OF LEARNING DYSFUNCTION IN ALCOHOLISM Andreas Heinz, Dept. of Psychiatry, Charite Univ., Berlin 10117 Germany
11:30	DISCUSSANT Robert Hitzemann, Oregon Health Science Univ. and VA Medical Ctr., Portland OR 97239

RSA 2010 DAILY SCHEDULE

MONDAY, JUNE 28

9:30am - 11:30am

SYMPOSIUM

LONE STAR B

PREDICTION OF TREATMENT OUTCOMES: NEUROIMAGING AND GENETIC APPROACHES
Organizer/Chair: Kent Hutchison, Univ. of New Mexico, Mind Research Network, Albuquerque NM 87106
Chair: Hugh Myrick, Dept. of Psychiatry, Medical Univ. of South Carolina, Charleston SC 29425

- 9:30 INTRODUCTION
Kent Hutchison, Univ. of New Mexico, Mind Research Network, Albuquerque NM 87106
- 9:40 IDENTIFICATION OF NOVEL BIOMARKERS: LINKING GENES, BOLD RESPONSE, AND TREATMENT OUTCOMES
Kent Hutchison, Univ. of New Mexico, Mind Research Network, Albuquerque NM 87106
- 10:05 NEUROIMAGING PREDICTORS OF RESPONSE TO ARIPIPRAZOLE AND VARENICLINE
Hugh Myrick, Dept. of Psychiatry, Medical Univ. of South Carolina, Charleston SC 29425
- 10:30 F-MRI PREDICTS TREATMENT RESPONSE IN ALCOHOLISM
Karl Mann, Central Inst. of Mental Health, Univ. of Heidelberg, Mannheim Germany
- 10:55 NEUROCOGNITIVE AND GENETIC PREDICTORS OF RESPONSE TO A GROUP MI
Angela Bryan, Psychology Dept., Univ. of New Mexico, Albuquerque NM 87131
- 11:20 DISCUSSANT
Markus Heilig, National Institute on Alcohol Abuse and Alcoholism, Bethesda MD 20892

9:30am - 11:30am

SYMPOSIUM

LONE STAR C

***ROLE OF ALCOHOL AND INTERACTING FACTORS ON TUMOR PROGRESSION
Organizer/Chair: Gary G. Meadows, Dept. of Pharmaceutical Sciences, Washington State Univ., Pullman WA 99164

- 9:30 INTRODUCTION
William Dunty, Jr., Div. of Metabolism and Health Effects, NIAAA, Bethesda MD 20892
- 9:40 SILIBININ PROMOTES HEPATIC TUMOR PROGRESSION IN MALE MICE USING A CHRONIC ETHANOL FEEDING MODEL
Iain H. McKillop, Dept. of Surgery, Carolinas Medical Ctr., Charlotte NC 28203
- 10:05 EFFECTS OF ALCOHOL, OBESITY AND ESTROGEN ON BREAST CANCER
Nomeli Nunez, Dept. of Nutritional Sciences, Univ. of Texas, Austin TX 78712
- 10:30 ETHANOL ENHANCES THE INTERACTION OF BREAST CANCER CELLS OVEREXPRESSING ERBB2 WITH EXTRACELLULAR MATRIX
Jia Luo, Dept. of Internal Medicine, Univ. of Kentucky, Lexington KY 40536
- 10:55 FACTORS INVOLVED IN MODULATION OF MELANOMA METASTASIS AND PROGRESSION IN MICE
Gary G. Meadows, Dept. of Pharmaceutical Sciences, Washington State Univ., Pullman WA 99164
- 11:20 DISCUSSANT
Gary G. Meadows, Dept. of Pharmaceutical Sciences, Washington State Univ., Pullman WA 99164

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RSA 2010 DAILY SCHEDULE

MONDAY, JUNE 28

9:30am - 11:30am

SYMPOSIUM

LONE STAR D

ALCOHOL AND THE CARDIOVASCULAR SYSTEM MITOCHONDRIAL DYNAMICS AND OXIDATIVE STRESS

Organizers/Chairs: Andras Orosz, Div. of Metabolism and Health Effects, NIAAA, Bethesda MD 20892 and
Daria Mochly-Rosen, Dept. of Chemical and Systems Biology, Stanford Univ., Stanford CA 94305

- 9:30 INTRODUCTION
Andras Orosz, Div. of Metabolism and Health Effects, NIAAA, Bethesda MD 20892
- 9:40 PHOSPHOPROTEOME ANALYSIS REVEALS REGULATORY SITES IN MAJOR MOLECULAR PATHWAYS OF MURINE CARDIAC MITOCHONDRIA
Peipei Ping, Depts. of Medicine and Physiology, Univ. of California, Los Angeles CA 90095
- 10:05 NOVEL MITOCHONDRIAL MECHANISMS OF ETHANOL-INDUCED CARDIAC INJURY IN AGED FEMALES
Donna Korzik, Dept. of Physiology and Kinesiology, Penn State Univ., University Park PA 16802
- 10:30 MITOCHONDRIAL ALDEHYDE DEHYDROGENASE 2, A NATURAL SHIELD FROM OXIDATIVE STRESS AND A MEDIATOR OF ETHANOL-INDUCED CARDIAC PROTECTION FROM ISCHEMIA
Daria Mochly-Rosen, Dept. of Chemical and Systems Biology, Stanford Univ., Stanford CA 94305
- 10:55 MITOCHONDRIAL FUSION-FISSION AND MOTILITY AS POTENTIAL TARGETS OF ALCOHOL AND OXIDATIVE STRESS
Gyorgy Hajnoczky, Dept. of Pathology and Cell Biology, Thomas Jefferson Univ., Philadelphia PA 19107
- 11:20 DISCUSSANT
Samir Zakhari, National Inst. on Alcohol Abuse and Alcoholism, Bethesda MD 20892

9:30am - 11:30am

SYMPOSIUM

LONE STAR E

TOWARDS UNIVERSAL SCREENING FOR UNDERAGE DRINKING

Organizer/Chair: Gregory T. Smith, Dept. of Psychology, Univ. of Kentucky, Lexington KY 40506

- 9:30 INTRODUCTION
Mark S. Goldman, Dept. of Psychology, Univ. of South Florida, Tampa FL 33620
- 9:40 BRIEF, EMPIRICALLY BASED SCREENING OF CHILDREN AND ADOLESCENTS FOR RISK FOR DRINKING, DRINKING, AND ALCOHOL USE DISORDERS
Vivian B. Faden, Office of Science Policy and Communications, NIAAA, Bethesda MD 20892
- 10:05 THE EPIDEMIOLOGY OF UNDERAGE DRINKING
John E. Donovan, Univ. of Pittsburgh Medical Ctr., Western Psychiatric Inst. & Clinic, Pittsburgh PA 15213
- 10:30 YOUTH ALCOHOL SCREENING WORKGROUP I: MEASURING CONSUMPTION OF ALCOHOL AS A SCREENER IN CHILDREN AND ADOLESCENTS
Gregory T. Smith, Dept. of Psychology, Univ. of Kentucky, Lexington KY 40506
- 10:55 YOUTH ALCOHOL SCREENING WORKGROUP II: DETERMINING OPTIMAL SECONDARY SCREENING QUESTIONS
Sandra A. Brown, Dept. of Psychology and Psychiatry, Univ. of California, San Diego CA 92093
- 11:20 DISCUSSANT
Mark S. Goldman, Dept. of Psychology, Univ. of South Florida, Tampa FL 33620

RSA 2010 DAILY SCHEDULE

MONDAY, JUNE 28

9:30am - 11:30am

WORKSHOP

TEXAS D

***IS THE EMPEROR UNDERDRESSED? THE CONTROVERSIAL EVIDENCE THAT STRESS INDUCES DRINKING

Organizer/Chair: Suzanne Thomas, Medical Univ. of South Carolina, Charleston SC 29425

Chair: Howard Becker, Medical Univ. of South Carolina, Charleston SC 29425

- 9:30 INTRODUCTION
Rajita Sinha, Yale Univ. School of Medicine, New Haven CT 06519
- 9:45 RESULTS FROM PRECLINICAL STUDIES
Julia Chester, Purdue Univ., West Lafayette IN 47907
- 10:10 RESULTS FROM CLINICAL LABORATORY STUDIES
Suzanne Thomas, Medical Univ. of South Carolina, Charleston SC 29425
- 10:35 RESULTS FROM NATURALISTIC AND EPIDEMIOLOGIC STUDIES
Bryon Adinoff, UT Southwestern Medical Ctr. and VA North Texas Health Care System, Dallas TX 75390
- 11:00 DISCUSSANT
Howard Becker, Medical Univ. of South Carolina, Charleston SC 29425

9:30am - 11:30am

SYMPOSIUM

LONE STAR F

12-STEP PRACTICES THAT PREDICT ABSTINENCE

Organizer/Chair: J. Scott Tonigan, CASAA, Dept. of Psychology, Univ. of New Mexico, Albuquerque NM 87106

- 9:30 INTRODUCTION
J. Scott Tonigan, CASAA, Dept. of Psychology, Univ. of New Mexico, Albuquerque NM 87106
- 9:40 INTERPERSONAL CONNECTIONS IN 12-STEP GROUPS
Sarah Zemore, Alcohol Research Group, Emeryville CA 94608
- 10:05 IS IT BENEFICIAL TO GET AN AA SPONSOR?
J. Scott Tonigan, CASAA, Dept. of Psychology, Univ. of New Mexico, Albuquerque NM 87106
- 10:30 GOD GRANT ME PATIENCE, AND GRANT IT RIGHT NOW!
John F. Kelly, Massachusetts General Hospital and Harvard Medical School, Boston MA 02114
- 10:55 SOCIAL PHOBIA, GENDER AND AA ENGAGEMENT
Sarah W. Book, Charleston Alcohol Research Ctr., Charleston SC 29425
- 11:20 DISCUSSANT
Radka Toscova, CASAA, Univ. of New Mexico, Albuquerque NM 87106

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RSA 2010 DAILY SCHEDULE

MONDAY, JUNE 28

9:30am - 11:30am

SYMPOSIUM

TEXAS E

ALCOHOL-INDUCED CEREBELLAR DYSFUNCTION: NOVEL INSIGHTS FROM ANIMAL MODELS

Organizer/Chair: C. Fernando Valenzuela, Dept. of Neurosciences, Univ. of New Mexico, Albuquerque NM 87131

Chair: Christian Hansel, Neurobiology Dept., Univ. of Chicago, Chicago IL 60637

- 9:30 INTRODUCTION
C. Fernando Valenzuela, Dept. of Neurosciences, Univ. of New Mexico, Albuquerque NM 87131
- 9:40 PRIMATE CEREBELLAR GRANULE CELLS EXHIBIT A TONIC GABA_A CONDUCTANCE THAT IS NOT AFFECTED BY ALCOHOL
David Rossi, Dept. of Behavioral Neurosciences, Oregon Health & Sciences Univ., Beaverton OR 97232
- 10:05 EXTREME ALCOHOL SENSITIVITY IN MICE LACKING THE VOLTAGE-GATED K⁺ CHANNELS KV3.1 AND KV3.3
Rolf H. Joho, Dept. of Neuroscience, UT Southwestern Medical Ctr., Dallas TX 75390
- 10:30 ETHANOL IMPAIRS NMDA RECEPTOR FUNCTION IN CEREBELLAR PURKINJE CELLS
Christian Hansel, Neurobiology Dept., Univ. of Chicago, Chicago IL 60637
- 10:55 ALCOHOL-INDUCED REDUCTION OF PURKINJE CELL COMPLEX SPIKE SYNCHRONY. A POSSIBLE CAUSE OF ABNORMAL CEREBELLAR OUTPUT LEADING TO MOTOR INCOORDINATION
Eric J. Lang, Dept. of Physiology and Neuroscience, New York Univ., New York NY 10016
- 11:20 DISCUSSANT
Christian Hansel, Neurobiology Dept., Univ. of Chicago, Chicago IL 60637

11:45am - 1:45pm

RSA ANNUAL LEGISLATIVE ADVOCACY WORKSHOP - open

LONE STAR A

Organized by the RSA Government Affairs and Advocacy Committee

Chairs: Susan Barron and Victor Hesselbrock

Everyone Welcome - Light Lunch available for those who RSVP'd in advance - ticket required

12noon-1:30pm

ALCOHOL RESEARCH CENTER MEETING - closed

SEGUIN A-B

2:00pm - 4:00pm

SYMPOSIUM

LONE STAR A

CONSIDERING THE ROLE OF MATERNAL-FETAL INTERACTIONS IN ADDRESSING MECHANISMS AND AMELIORATION STRATEGIES FOR FASD

Organizer/Chair: Timothy A. Cudd, Texas A & M Univ. College Station TX 77845

- 2:00 INTRODUCTION
Cynthia F. Bearer, Neonatology Div., Univ. of Maryland School of Medicine, Baltimore MD 21201
- 2:10 MATERNAL-FETAL INTERACTIONS: THE ROLE OF MATERNAL pH IN FASD
Timothy A. Cudd, Texas A & M Univ., College Station TX 77845
- 2:35 PRENATAL ETHANOL EXPOSURE: ALTERATIONS IN FUNCTIONAL IMMUNITY
Joanne Weinberg, Dept. of Cellular/Physiological Sciences, Univ. of British Columbia, Vancouver, BC V5Z 1L5 Canada
- 3:00 EFFECT OF CHRONIC BINGE ALCOHOL ON NO REGULATION AND THE PROFILE OF NO-RELATED CAVEOLAR PROTEINS IN OVINE PREGNANT UTERINE ENDOTHELIAL CELLS
Jayanth Ramadoss, Dept. of Obstetrics / Gynecology, Univ. of Wisconsin College of Medicine, Madison WI 53715
- 3:25 MATERNAL NUTRITIONAL STATUS OF CHOLINE AND GM1 GANGLIOSIDE MAY MEDIATE ETHANOL'S EFFECTS VIA LIPID RAFTS IN FETAL NEURONS
Cynthia F. Bearer, Neonatology Div., Univ. of Maryland School of Medicine, Baltimore MD 21201
- 3:50 DISCUSSANT
Eva Redei, Dept. of Psychiatry and Behav. Sciences, Feinberg School of Medicine, Northwestern Univ., Chicago IL 60611

RSA 2010 DAILY SCHEDULE

MONDAY, JUNE 28

2:00pm - 4:00pm

SYMPOSIUM

LONE STAR B

GROUP MOTIVATIONAL INTERVIEWING INTERVENTIONS WITH HIGH RISK ADOLESCENT AND ADULT POPULATIONS
Organizer/Chair: Elizabeth D'Amico, RAND Corporation, Santa Monica CA 90407

- 2:00 INTRODUCTION
Elizabeth D'Amico, RAND Corporation, Santa Monica CA 90407
- 2:10 GROUP MI FOR FIRST TIME ALCOHOL AND MARIJUANA OFFENDING ADOLESCENTS
Elizabeth D'Amico, RAND Corporation, Santa Monica CA 90407
- 2:35 THE GENDER DIVIDE: THE ROLE OF GENDER IN GROUP MET INTERVENTION OUTCOMES WITH HIGH-RISK YOUTH
Renee Magnan, Univ. of New Mexico, Albuquerque NM 87106
- 3:00 MOTIVATIONAL ENHANCEMENT GROUP INTERVENTION FOR FIRST-YEAR COLLEGE WOMEN
Joseph LaBrie, Dept. of Psychology, Loyola Marymount Univ., Los Angeles CA 90045
- 3:25 MOTIVATIONAL INTERVIEWING IN GROUPS: ALCOHOL USE AND REDUCTION IN A GROUP TREATMENT FOR COCAINE ABUSE TRIAL
Mary M. Velasquez, Ctr. for Social Work Research, Univ. of Texas, Austin TX 78712
- 3:50 DISCUSSANT
Theresa Moyers, Univ. of New Mexico, Albuquerque NM 87131

2:00pm - 4:00pm

SYMPOSIUM

LONE STAR C

IDENTIFYING GENES AFFECTING ALCOHOLISM USING DIFFERENT STRATEGIES
Organizers/Chairs: Alison Goate, Dept. of Psychiatry, Washington Univ. School of Medicine, St. Louis MO 63110 and
Abbas Parsian, Human Genetics / Genomics, NIAAA, Bethesda MD 20892

- 2:00 INTRODUCTION
Abbas Parsian, Human Genetics / Genomics, NIAAA, Bethesda MD 20892
- 2:10 GENOMEWIDE ASSOCIATION STUDY OF QUANTITATIVE ALCOHOL PHENOTYPES IN COMMUNITY-ASCERTAINED FAMILIES
Andrew Heath, Dept. of Psychiatry, Washington Univ. School of Medicine, St. Louis MO 63110
- 2:35 IDENTIFYING ALCOHOL DEPENDENCE RISK LOCI USING SIBPAIR AND CASE-CONTROL APPROACHES
Joel Gelernter, Dept. Of Psychiatry, Yale Univ. School of Medicine, West Haven CT 06516
- 3:00 IDENTIFYING GENES AFFECTING ALCOHOLISM IN THE COGA SAMPLE
Howard J. Edenberg, Dept. of Biochemistry/Molecular Biology, Indiana Univ. School of Med., Indianapolis IN 46202
- 3:25 GENOME-WIDE ASSOCIATION ANALYSES IN THE IRISH AFFECTED SIB PAIR STUDY OF ALCOHOL DEPENDENCE
Danielle Dick, Dept. of Psychiatry, Virginia Commonwealth Univ., Richmond VA 23298
- 3:50 DISCUSSANT
Alison Goate, Dept. of Psychiatry, Washington Univ. School of Medicine, St. Louis MO 63110

RSA 2010 DAILY SCHEDULE

MONDAY, JUNE 28

2:00pm - 4:00pm

SYMPOSIUM

TEXAS D

IMPULSIVITY AND ALCOHOL DRINKING

Organizer/Chair: Suchitra Krishnan-Sarin, Yale Univ. School of Medicine, New Haven CT 06422

- 2:00 INTRODUCTION
Suchitra Krishnan-Sarin, Yale Univ. School of Medicine, New Haven CT 06422
- 2:10 IMPULSIVITY AND ALCOHOL DRINKING IN HEAVY DRINKERS: ROLE OF FAMILY HISTORY OF ALCOHOLISM
Suchitra Krishnan-Sarin, Yale Univ. School of Medicine, New Haven CT 06422
- 2:35 ABNORMALITIES IN FMRI RESPONSE INHIBITION IN NON-ALCOHOL ABUSING, FAMILY HISTORY POSITIVE INDIVIDUALS
Godfrey Pearlson, Yale Univ. School of Medicine, Hartford Hospital, Hartford CT 06106
- 3:00 RELATIONSHIPS BETWEEN PERSONALITY MEASURES OF IMPULSIVITY AND SUBJECTIVE RESPONSES TO ALCOHOL ADMINISTERED ORALLY OR INTRAVENOUSLY
Harriet de Wit, Dept. of Psychiatry, Univ. of Chicago, Chicago IL 60637
- 3:25 THE HORSE AND THE RIDER: IMPULSIVE AND SELF-REGULATORY INFLUENCES ON ALCOHOL-RELATED ATTENTION AND CONSUMPTION
Wilhelm Hoffman, Univ. of Amsterdam, The Netherlands, North Holland, 1018 The Netherlands and Univ. of Wurzburg, Germany
- 3:50 DISCUSSANT
Alan Swann, Dept. of Psychiatry, Univ. of Texas, Houston TX 77030

2:00pm - 4:00pm

SYMPOSIUM

LONE STAR D

CHEMOKINES AND ALCOHOLIC TISSUE INJURY: PIVOTAL REGULATORS OF INFLAMMATORY PROCESSES

Organizers/Chairs: Pranoti Mandrekar, Dept. of Medicine, Univ. of Massachusetts Med. School, Worcester MA 01605 and Mashkooor Choudhry, Dept. of Surgery, Loyola Univ. Medical Ctr., Maywood IL 60153

- 2:00 INTRODUCTION
Pranoti Mandrekar, Dept. of Medicine, Univ. of Massachusetts Med. School, Worcester MA 01605
- 2:10 NEUTROPHIL CHEMOKINES AND THE INTESTINE TISSUE DAMAGE FOLLOWING ALCOHOL INTOXICATION AND BURN INJURY
Mashkooor Choudhry, Dept. of Surgery, Loyola Univ. Medical Ctr., Maywood IL 60153
- 2:35 CHEMOKINE MCP-1 CONTRIBUTES TO ALCOHOL-RELATED NEUROINFLAMMATION AND NEURODEGENERATION
Liya Qin, Bowles Ctr. for Alcohol Studies, Univ. of North Carolina, Chapel Hill NC 27599
- 3:00 ACUTE ETHANOL EXPOSURE ALTERS PULMONARY CHEMOKINE PROFILE AND NEUTROPHIL ACTIVATION AFTER BURN INJURY AND INFECTION
Elizabeth Kovacs, Alcohol Research Program, Loyola Univ. Medical Ctr., Maywood IL 60153
- 3:25 AN ESSENTIAL ROLE FOR CCL2 (MCP-1) IN ALCOHOLIC LIVER INJURY: REGULATION VIA PPAR α
Pranoti Mandrekar, Dept. of Medicine, Univ. of Massachusetts Med. School, Worcester MA 01605
- 3:50 DISCUSSANT
Mashkooor Choudhry, Dept. of Surgery, Loyola Univ. Medical Ctr., Maywood IL 60153

RSA 2010 DAILY SCHEDULE

MONDAY, JUNE 28

2:00pm - 4:00pm

SYMPOSIUM

TEXAS E

POTENTIAL THERAPEUTIC TARGETS FOR THE TREATMENT OF ALCOHOLISM: A PERSPECTIVE FROM PRECLINICAL STUDIES

Organizers/Chairs: Subhash C. Pandey, Dept. of Psychiatry, Univ. of Illinois and JBVA Med. Ctr., Chicago IL 60612 and
Antonio Noronha, Div. of Neuroscience and Behavior, NIAAA, Bethesda MD 20892

- 2:00 INTRODUCTION
Antonio Noronha, Div. of Neuroscience and Behavior, NIAAA, Bethesda MD 20892
- 2:10 BDNF AND GDNF - MODULATORS OF ALCOHOL CONSUMPTION
Dorit Ron, Dept. of Neurology, Univ. of California and Gallo Research Ctr., Emeryville CA 94608
- 2:35 INVOLVEMENT OF NEUROKININ-1 RECEPTORS (NK1Rs) IN ALCOHOL REWARD, ESCALATION OF ALCOHOL INTAKE AND
RELAPSE TO ALCOHOL SEEKING
Markus Heilig, NIAAA, Bethesda MD 20892
- 3:00 EPIGENETIC BASIS FOR ANXIETY AND ALCOHOLISM: A ROLE FOR HISTONE DEACETYLASES
Subhash C. Pandey, Dept. of Psychiatry, Univ. of Illinois and JBVA Med. Ctr., Chicago IL 60612
- 3:25 A ROLE FOR NEUROPEPTIDE Y (NPY) SIGNALING IN THE MODULATION OF BINGE-LIKE ETHANOL DRINKING IN C57BL/6J MICE
Todd Thiele, Dept. of Psychology, Bowles Ctr. for Alcohol Studies, Univ. of North Carolina, Chapel Hill, NC 27599
- 3:50 DISCUSSANT
Fulton T. Crews, Bowles Ctr. for Alcohol Studies, Univ. of North Carolina School of Medicine, Chapel Hill, NC 27599

2:00pm - 4:00pm

SYMPOSIUM

LONE STAR E

EXTENDED-RELEASE NALTREXONE FOR ALCOHOL DEPENDENCE: FROM CLINICAL RESEARCH TO CLINICAL PRACTICE

Organizer/Chair: Helen M. Pettinati, Dept. of Psychiatry, Univ. of Pennsylvania School of Medicine, Philadelphia PA 19104
Chair: Robert Swift, Dept. of Psychiatry and Human Behavior, Brown Univ. School of Medicine, Providence RI 02912

- 2:00 INTRODUCTION
Robert Swift, Dept. of Psychiatry and Human Behavior, Brown Univ. School of Medicine, Providence RI 02912
- 2:10 EXTENDED-RELEASE INJECTABLE NALTREXONE (XR-NTX) TREATMENT OF ALCOHOL DEPENDENCE: REDUCTION IN CUE-INDUCED
CRAVING AND CNS ACTIVATION ON fMRI
Scott E. Lukas, Dept. of Psychiatry and Pharmacology, Harvard Medical School, Belmont MA 02478
- 2:23 EFFICACY OF EXTENDED-RELEASE NALTREXONE BASED ON THE SEVERITY OF ALCOHOL DEPENDENCE
Helen M. Pettinati, Dept. of Psychiatry, Univ. of Pennsylvania School of Medicine, Philadelphia PA 19104
- 3:00 PRELIMINARY EVALUATION OF EXTENDED-RELEASE NALTREXONE (XR-NTX) IN MICHIGAN AND MISSOURI DRUG COURTS
Michael W. Finigan, Northwest Professional Consortium, Inc., Portland OR 97239
- 3:25 HEALTHCARE UTILIZATION OF INSURED PATIENTS TREATED WITH XR-NTX OR AN ORAL ALCOHOLISM MEDICATION
Henry R. Kranzler, Dept. of Psychiatry, Univ. of Connecticut School of Medicine, Farmington CT 06030
- 3:50 DISCUSSANT
Stephanie O'Malley, Dept. of Psychiatry, Yale Univ. School of Medicine, New Haven CT 06511

RSA 2010 DAILY SCHEDULE

MONDAY, JUNE 28

2:00pm - 4:00pm

SYMPOSIUM

LONE STAR F

ADDICTION HEALTH SERVICES RESEARCH: INFORMING ORGANIZATION AND DELIVERY OF CARE AND COST ACROSS SYSTEMS

Organizer/Chair: Constance Weisner, Dept. of Psychiatry, Univ. of California, San Francisco CA 94143

- 2:00 INTRODUCTION
Constance Weisner, Dept. of Psychiatry, Univ. of California, San Francisco CA 94143
- 2:10 PRIMARY CARE SBIRT IMPLEMENTATION IN INTEGRATED, PRIVATE HEALTH CARE: UPDATE ON FACILITATORS AND BARRIERS IN AN ERA OF PARITY AND HEDIS MEASUREMENT
Jennifer Mertens, Kaiser Permanente, Div. of Research, Oakland CA 94612
- 2:35 EXAMINING PROGRAM CHARACTERISTICS AND INITIAL FINDINGS OF A STATE-BASED DISEASE MANAGEMENT PROGRAM FOR ADDICTIONS
Charles Neighbors, Nat'l. Center on Addiction and Substance Abuse at Columbia Univ., New York NY 10017
- 3:00 CONTINUING CARE AND LONG-TERM SUBSTANCE USE OUTCOMES IN MANAGED CARE: IMPLICATIONS FOR CARE INTEGRATION ACROSS BEHAVIORAL HEALTH AND PRIMARY CARE
Felicia W. Chi, Kaiser Permanente, Div. of Research, Oakland CA 94612
- 3:25 THE ROLE OF CONTINUING CARE ON 9-YEAR COST TRAJECTORIES OF PATIENTS WITH INTAKES INTO AN OUTPATIENT ALCOHOL DRUG TREATMENT PROGRAM
Sujaya Parthasarathy, Kaiser Permanente, Div. of Research, Oakland CA 94612
- 3:50 DISCUSSANT
James R. McKay, Ctr. on the Continuum of Care in the Addictions, Univ. of Pennsylvania, Philadelphia PA 19104

4:00pm - 6:30pm

POSTER SESSION II

TEXAS A-B-C

POSTER NUMBERS: 1-232 / ABSTRACT NUMBERS: 234-465
three 45-minute periods and 15-minutes for final unmanned viewing
(light refreshments)

6:15pm - 7:30pm

PAPER SESSION

LONE STAR A

ENOCH GORDIS AWARD FINALISTS - STUDENTS

Moderator: Sarah Pederson

- 6:15 Sarah Pedersen INTRODUCTION
- 6:18 Gautham Arunachal REDUCED BRAIN ACTIVATION DURING EMOTION RECOGNITION: ENDOPHENOTYPE FOR VULNERABILITY TO ALCOHOL DEPENDENCE?
- 6:30 Shannon Kenney AN EXAMINATION OF PREPARTYING AND DRINKING GAME PLAYING DURING HIGH SCHOOL AND THEIR IMPACT ON ALCOHOL-RELATED RISK UPON ENTRANCE INTO COLLEGE
- 6:42 Biswanth Patra EFFECTS OF CHRONIC ALCOHOL INTAKE ON NF-KB MEDIATED TRANSCRIPTIONAL REGULATION DYNAMICS DURING THE ONSET OF LIVER REGENERATION
- 6:54 Jayanth Ramadoss EFFECT OF CHRONIC BINGE ALCOHOL ON NO REGULATION AND THE PROFILE OF NO-RELATED CAVEOLAR PROTEINS IN THE UTERO-PLACENTAL COMPARTMENT
- 7:06 Dongju Seo DISRUPTED VENTROMEDIAL PREFRONTAL CORTEX FUNCTION DURING STRESS AND NEUTRAL-RELAXED STATES IS PREDICTIVE OF ALCOHOL RELAPSE OUTCOMES
- 7:18 Dennis Sparta CORTICOTROPIN RELEASING FACTOR POTENTIATION OF EXCITATORY TRANSMISSION IN THE VENTRAL TEGMENTAL AREA PROMOTES BINGE ALCOHOL DRINKING

RSA 2010 DAILY SCHEDULE

MONDAY, JUNE 28

6:15pm - 7:30pm

PAPER SESSION

LONE STAR B

IMAGING

Moderator: Edith Sullivan

- | | | |
|------|-----------------------|--------------------------------------------------------------------------------------------------------------------------|
| 6:15 | Edith Sullivan | INTRODUCTION |
| 6:20 | Ashley Smith | USING FMRI TO EXAMINE THE NEURAL CORRELATES OF RISKY DECISION-MAKING IN ALCOHOL DEPENDENT PATIENTS |
| 6:34 | Anne Lise-Pitel | DISRUPTED FRONTOCEREBELLAR NETWORKS IN ALCOHOLICS REVEALED BY RESTING STATE FUNCTIONAL CONNECTIVITY IMAGING |
| 6:48 | Lindsay Squeglia | HEAVY DRINKING ADOLESCENTS SHOW REORGANIZED BRAIN ACTIVATION PATTERNS DURING VISUAL WORKING MEMORY: A LONGITUDINAL STUDY |
| 7:02 | Sarah Feldstein Ewing | HOW PSYCHOSOCIAL ALCOHOL INTERVENTIONS WORK: A PRELIMINARY LOOK AT WHAT FMRI CAN TELL US |
| 7:16 | Natalie Zahr | GRADED BRAIN ABNORMALITIES IN ALCOHOLICS WITH AND WITHOUT SIGNS OF WERNICKE ENCEPHALOPATHY |

6:15pm - 7:30pm

PAPER SESSION

LONE STAR C

GENDER AND ALCOHOL USE

Moderator: Thomas Greenfield

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|------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 6:15 | Thomas Greenfield | INTRODUCTION |
| 6:20 | Jessica Nargiso | ADOLESCENT GENDER DIFFERENCES IN RISK OF ALCOHOL USE |
| 6:34 | Jaye Derrick | NEUROTICISM AND TENSION-REDUCTION EXPECTANCIES MODERATE THE RELATIONSHIP BETWEEN NEGATIVE LIFE EVENTS AND ALCOHOL USE |
| 6:48 | Margie Skeer | GENDER-SPECIFIC PATHWAYS FROM FAMILY CONFLICT IN CHILDHOOD TO ADOLESCENT ALCOHOL OR MARIJUANA USE DISORDERS |
| 7:02 | Sarah Roberts | WHETHER MEN OR WOMEN ARE RESPONSIBLE FOR SIZE OF GENDER GAP IN ALCOHOL CONSUMPTION DEPENDS ON ALCOHOL MEASURE: A STUDY ACROSS U.S. STATES |
| 7:16 | Vatsalya Vatsalya | PHYSIOPHARMACOLOGICAL EFFECTS OF INTRAVENOUS ETHANOL ON GH-IGF1 AXIS AND GONADAL HORMONE REGULATION: ROLE OF AGE AND GENDER |

6:15pm - 7:30pm

PAPER SESSION

LONE STAR D

NEUROBEHAVIORAL PLASTICITY

Moderator: David Lovinger

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|------|-------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 6:15 | David Lovinger | INTRODUCTION |
| 6:20 | Yanzhong Guan | μ -OPIOID RECEPTORS AND PKG SIGNALING IN ETHANOL BLOCKADE OF LTP AT GABAERGIC SYNAPSES IN THE VTA |
| 6:34 | Christina Gremel | PRENATAL ETHANOL EXPOSURE DISRUPTS SUBSEQUENT HABIT FORMATION IN ADULT MICE |
| 6:48 | Sarah Holstein | INVESTIGATING A FUNCTIONAL ASSOCIATION BETWEEN NEUROGENESIS AND BEHAVIORAL SENSITIZATION TO ETHANOL |
| 7:02 | Andrea Cippitelli | BINGE-LIKE ALCOHOL EXPOSURE PRODUCES SHORT-TERM OBJECT RECOGNITION IMPAIRMENT AS WELL AS LONG-TERM SPATIAL MEMORY DAMAGE IN RATS |
| 7:16 | Mayo Wright | EFFECTS OF ETHANOL ON REVERSAL LEARNING AND EXTRA-DIMENSIONAL ATTENTIONAL SHIFT IN RHESUS MACAQUES |

RSA 2010 DAILY SCHEDULE

MONDAY, JUNE 28

6:15pm - 7:30pm

PAPER SESSION

LONE STAR E

INFLAMMATION / INJURY
Moderator: A. Leslie Morrow

- | | | |
|------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6:15 | A. Leslie Morrow | INTRODUCTION |
| 6:20 | Suhail Akhtar | INDUCTION OF MATRIX METALLOPROTEINASE-9 FOLLOWING ALCOHOL INTOXICATION AND BURN INJURY IS INTERLEUKIN-18 MEDIATED |
| 6:34 | Samantha Simet | ALCOHOL INCREASES TIGHT JUNCTION PERMEABILITY AND DISRUPTS ZO-1 TRANSLOCATION TO THE PLASMA MEMBRANE IN NuLi-1 CELLS |
| 6:48 | Samantha Yeligar | GLUTATHIONE ATTENUATES ALCOHOL-INDUCED PULMONARY OXIDATIVE STRESS AND RESTORES ALVEOLAR MACROPHAGE FUNCTION |
| 7:02 | Jan Petrasek | HEPATOCTE-SPECIFIC IRF3 SIGNALING PROTECTS FROM ALCOHOLIC LIVER INJURY IN MICE THROUGH REGULATION OF MONOCYTE-DERIVED CYTOKINES VIA TYPE-I INTERFERONS |
| 7:16 | Asha Suryanarayanan | MODULATION OF GABAA RECEPTOR TRANSMISSION IN RAT CEREBRAL CORTICAL CULTURED NEURONS BY THE ANTI-INFLAMMATORY CYTOKINE IL-10 |

RSA 2010 DAILY SCHEDULE

TUESDAY, JUNE 29

6:30am - 8:30am

CONTINENTAL BREAKFAST - Nametag required.

TEXAS FOYER

7:30am - 4:30pm

RSA REGISTRATION DESK - Open

TEXAS FOYER

8:00am - 9:00am

PLENARY SESSION III
RSA YOUNG INVESTIGATOR AWARDEE (2009)

TEXAS D-E-F

*WHY DO DRINKING AND SMOKING GO TOGETHER LIKE MILK AND COOKIES?
UNRAVELING THE RELATIONSHIP BETWEEN ALCOHOL AND NICOTINE*
Sherry A. McKee, Ph.D., Yale University School of Medicine, New Haven CT 06519

Sherry McKee Ph.D. is an Associate Professor in the Department of Psychiatry and the Director of the Yale Behavioral Pharmacology Laboratory at the Yale University School of Medicine in New Haven, CT. She completed her graduate training at the University of Western Ontario (1999, London, Canada), and predoctoral research fellowships at the Addiction Research Foundation (1995-98, Toronto, Canada) and at Yale University (1998-99) under the mentorship of Stephanie O'Malley. Dr. McKee joined the faculty at Yale in 1999 and hopes to be promoted to full professor within the next decade (or so). Her research achievements have been recognized by the Natural Sciences and Engineering Research Council of Canada, RSA, NIDA, Society for Research on Nicotine and Tobacco, and the National Alliance for Research on Schizophrenia and Depression. She is currently a standing member of NIAAA Clinical, Treatment and Health Services Research Review Subcommittee.

A major focus of Dr. McKee's research has been to understand the intersection of alcohol and nicotine use, an important issue given the strong association between alcohol and tobacco use disorders, and the increased risk of certain cancers associated with concurrent use. Dr. McKee will present findings from her investigations which have spanned a range of methodologies (epidemiological, survey, human laboratory, policy) to examine various facets of alcohol-nicotine interactions, with a focus on how knowledge of these interactions can be used to reduce alcohol consumption. In particular, Dr. McKee is interested in understanding the role of the nicotinic acetylcholine receptor (nAChR) system in modulating alcohol effects. Highlighting results from her recent investigations of varenicline (a partial nAChR agonist) on alcohol consumption, she will discuss whether the nAChR system represents a viable medication target for alcohol use disorders.

RSA 2010 DAILY SCHEDULE

TUESDAY, JUNE 29

9:00am - 9:30am

COFFEE BREAK

TEXAS FOYER

9:30am - 11:30am

SYMPOSIUM

LONE STAR A

FUNCTIONAL NEUROADAPTIVE EFFECTS OF REPEATED MODERATE ETHANOL EXPOSURE ON THE MESOLIMBIC DOPAMINE SYSTEM IN NON-DEPENDENT RODENTS
Organizer/Chair: Eric A. Engleman, Indiana Univ. School of Medicine, Indianapolis IN 46202
Organizer: Sandra M. Morzorati, Indiana Univ. School of Medicine, Indianapolis IN 46202

- 9:30 INTRODUCTION
Eric A. Engleman, Indiana Univ. School of Medicine, Indianapolis IN 46202
- 9:40 REPEATED IN VIVO ETHANOL TREATMENT RESULTS IN INCREASED IN VITRO SENSITIVITY TO ETHANOL OF PUTATIVE DOPAMINE NEURONS OF THE VENTRAL TEGMENTAL AREA
Mark S. Brodie, Dept. of Physiology and Biophysics, Univ. of Chicago, Chicago IL 60612
- 10:05 MODERATE ETHANOL CONSUMPTION AFFECTS ELECTROPHYSIOLOGICAL AND NEUROCHEMICAL MEASURES OF DOPAMINE NEUROTRANSMISSION IN THE VENTRAL TEGMENTAL AREA
Sandra M. Morzorati, Indiana Univ. School of Medicine, Indianapolis IN 46202
- 10:30 CHRONIC ETHANOL EXPOSURE INCREASES DOPAMINE NEUROTRANSMISSION AND REINFORCING EFFECTS OF ETHANOL WITHIN THE MESOCORTICOLIMBIC DOPAMINE SYSTEM
Zhengming Ding, Indiana Univ. School of Medicine, Indianapolis IN 46202
- 10:55 CHRONIC ETHANOL EXPOSURE DURING ADOLESCENCE INCREASES BASAL DOPAMINE IN THE NUCLEUS ACCUMBENS SEPTI DURING ADULTHOOD
Kimberly A. Badanich, Dept. of Neuroscience, Medical Univ. of South Carolina, Charleston SC 29425
- 11:20 DISCUSSANT
Friedbert Weiss, Molecular & Integrative Neuroscience, Scripps Research Inst., La Jolla CA 92037

9:30am - 11:30am

SYMPOSIUM

LONE STAR B

ALCOHOL MODULATION OF SYNAPTIC TRANSMISSION AND PLASTICITY IN EMOTIONAL NEURAL CIRCUITRY: WHY ALL THE WORRY?
Organizer/Chair: Thomas L. Kash, Dept. of Pharmacology, Univ. of North Carolina, Chapel Hill NC 27599
Chair: Marisa Roberto, Comm. on Neurobiology of Addictive Disorders, The Scripps Res. Inst., La Jolla CA 92037

- 9:30 INTRODUCTION
Thomas L. Kash, Dept. of Pharmacology, Univ. of North Carolina, Chapel Hill NC 27599
- 9:40 IDENTIFICATION OF A NOVEL GABAergic CIRCUIT IN THE BASOLATERAL AMYGDALA THAT MAY CONTRIBUTE TO ALCOHOL'S ANXIOLYTIC EFFECTS
Jeff L. Weiner, Dept. of Physiology and Pharmacology, Wake Forest Univ. School of Med., Winston-Salem NC 27157
- 10:05 CRF-N/OFO INTERACTIONS AT GABAergic SYNAPSES IN CENTRAL AMYGDALA
Marisa Roberto, Comm. on Neurobiology of Addictive Disorders, The Scripps Res. Inst., La Jolla CA 92037
- 10:30 KAPPA OPIOID RECEPTOR MODULATION OF INHIBITORY TRANSMISSION IN THE BED NUCLEUS OF THE STRIA TERMINALIS
Thomas L. Kash, Dept. of Pharmacology, Univ. of North Carolina, Chapel Hill NC 27599
- 10:55 CHRONIC ETHANOL EXPOSURE MODULATES α 1-ADRENERGIC RECEPTOR INDUCED SYNAPTIC PLASTICITY IN THE EXTENDED AMYGDALA
Danny Winder, Dept. of Molecular Physiology and Biophysics, Vanderbilt Univ., Nashville TN 37232
- 11:20 DISCUSSANT
Brian McCool, Dept. of Physiology and Pharmacology, Wake Forest Univ. School of Med., Winston-Salem NC 27157

RSA 2010 DAILY SCHEDULE

TUESDAY, JUNE 29

9:30am - 11:30am

SYMPOSIUM

TEXAS D

CRAVING: ITS MEASUREMENT, BIOLOGICAL CAUSES, AND ROLE IN ALCOHOL DEPENDENCE

Organizer/Chair: John Kramer, Dept. of Psychiatry, Univ. of Iowa, Iowa City IA 52242

- 9:30 INTRODUCTION
John Kramer, Dept. of Psychiatry, Univ. of Iowa, Iowa City IA 52242
- 9:40 THE DEFINITION AND SIGNIFICANCE OF ALCOHOL CRAVING
John Kramer, Dept. of Psychiatry, Univ. of Iowa, Iowa City IA 52242
- 10:05 GENOME-WIDE ASSOCIATION STUDY OF ALCOHOL CRAVING AS MEASURED BY THE SSAGA INTERVIEW
Tatiana Foroud, Dept. of Medical and Molecular Genetics, Indiana Univ. School of Medicine, Indianapolis IN 46202
- 10:30 GENOME-WIDE ASSOCIATION OF NEGATIVE REINFORCEMENT AS A MEASURE OF CRAVING
Leah Wetherill, Dept. of Medical and Molecular Genetics, Indiana Univ. School of Medicine, Indianapolis IN 46202
- 10:55 EFFECTS OF ONDANSETRON AND NALTREXONE ON URGE TO DRINK BEFORE AND AFTER DRINKING ARE MODERATED BY FAMILY HISTORY AND DRD4 VNTR
Damaris Rohsenow, Ctr. for Alcohol and Addiction Studies, Brown Univ., Providence RI 02912
- 11:20 DISCUSSANT
Marc A. Schuckit, Dept. of Psychiatry, Univ. of California-San Diego, La Jolla CA 92037

9:30am - 11:30am

SYMPOSIUM

LONE STAR C

EXPANDING THE RESEARCH AGENDA ON SEXUAL ORIENTATION, ALCOHOL USE, AND TREATMENT

Organizer/Chair: Sherry Lipsky, Dept. of Psychiatry and Behavioral Sciences, Univ. of Washington, Seattle WA 98104

- 9:30 INTRODUCTION
Sherry Lipsky, Dept. of Psychiatry and Behavioral Sciences, Univ. of Washington, Seattle WA 98104
- 9:40 DISCRIMINATION AND ALCOHOL USE DISORDERS AMONG LESBIAN, GAY AND BISEXUAL ADULTS IN THE UNITED STATES
Sean Esteban McCabe, Substance Abuse Research Ctr., Univ. of Michigan, Ann Arbor MI 48109
- 10:05 THE INFLUENCE OF HAZARDOUS DRINKING, POSITIVE ALCOHOL EXPECTANCIES, ALCOHOL-RELATED SEXUAL DISINHIBITION AND SEXUAL IDENTITY ON ADULT SEXUAL BEHAVIORS
Tonda L. Hughes, Univ. of Illinois, College of Nursing, Chicago IL 60612
- 10:30 BISEXUAL MEN, BINGE DRINKING AND HIV RISK BEHAVIORS
William A. Zule, RTI International, Research Triangle Park NC 27709
- 10:55 SEXUAL ORIENTATION, CO-OCCURRING DISORDERS, AND SUBSTANCE ABUSE TREATMENT OUTCOMES
Sherry Lipsky, Dept. of Psychiatry and Behavioral Sciences, Univ. of Washington, Seattle WA 98104
- 11:20 DISCUSSANT
Karen Trocki, Alcohol Research Group, Public Health Inst., Emeryville CA 94608

RSA 2010 DAILY SCHEDULE

TUESDAY, JUNE 29

9:30am - 11:30am

SYMPOSIUM

LONE STAR D

REDUCING IMPAIRED DRIVER RECIDIVISM THROUGH INTERLOCK PROGRAMS

Organizer: Paul Marques, Impaired Driving Center, Pacific Inst. for Research & Evaluation, Calverton MD 20705

Chair: Mike Hilton, Div. of Epidemiology and Prevention Research, NIAAA, Rockville MD 20852

- 9:30 INTRODUCTION
Mike Hilton, Div. of Epidemiology and Prevention Research, NIAAA, Rockville MD 20852
- 9:40 REQUIRING INTERLOCKS TO REINSTATE: EFFECTIVE?
Robert Voas, Impaired Driving Center, Pacific Inst. for Research & Evaluation, Calverton MD 20705
- 10:05 INTERLOCKED DWI OFFENDERS HAVE LOWER CUMULATIVE RECIDIVISM FOR SIX YEARS AFTER INSTALLATION
Richard Roth, Impact DWI, Santa Fe NM 87507
- 10:30 ALCOHOL INTERLOCK REDUCE DRINKING-DRIVING, BUT ALCOHOL BLOOD MARKER EVIDENCE SUGGESTS THEY MAY NOT REDUCE OVERALL DRINKING
Paul Marques, Impaired Driving Center, Pacific Inst. for Research & Evaluation, Calverton MD 20705
- 10:55 EFFECT OF CLOSE MONITORING ON DWI RECIDIVISM AMONG DRIVERS ENROLLED IN AN ADMINISTRATIVE IGNITION INTERLOCK LICENSE RESTRICTION PROGRAM
Eileen Ahlin, Substance Abuse Research Group, WESTAT, Rockville MD 20850
- 11:20 OPEN PANEL DISCUSSION

9:30am - 11:30am

SYMPOSIUM

TEXAS E

***DIFFERENTIAL EFFECTS OF ETHANOL IN ADOLESCENTS AND ADULTS: BEYOND BEHAVIOR TO SYSTEMS AND MECHANISMS

Organizer/Chair: Douglas B. Matthews, Dept. of Psychology, Nanyang Tech Univ., 637332 Singapore;
Dept. of Psychology and Neuro., Baylor Univ., Baylor TX

- 9:30 INTRODUCTION
Douglas B. Matthews, Dept. of Psychology, Nanyang Tech Univ., 637332 Singapore; Dept. of Psychology and Neuro., Baylor Univ., Baylor TX
- 9:40 WHITE MATTER IN ADOLESCENT DRINKERS: CONNECTING MICROSTRUCTURE TO BEHAVIOR
Susan Tapert, Dept. of Psychiatry, Univ. of California-San Diego, La Jolla CA 92161
- 10:05 EFFECTS OF ALCOHOL IN ADOLESCENCE: SEX DIFFERENCES AND SOCIAL INFLUENCES
Cheryl Kirstein, Dept. of Psychology, Univ. of South Florida, Tampa FL 33620
- 10:30 CELL SPECIFIC AND AGE-DEPENDENT EFFECTS OF ETHANOL ON HIPPOCAMPAL INHIBITION
Rebekah Fleming, Durham VA Medical Ctr., Durham, NC 27599
- 10:55 BEHAVIORAL EFFECTS OF ETHANOL IN CEREBELLUM ARE AGE DEPENDENT: POTENTIAL SYSTEM AND MOLECULAR MECHANISMS
Douglas B. Matthews, Dept. of Psychology, Nanyang Tech Univ., 637332 Singapore; Dept. of Psychology and Neuro., Baylor Univ., Baylor TX
- 11:20 DISCUSSANT
Linda Spear, Dept. of Psychology, Binghamton Univ., Binghamton NY 13902

***Indicates an integrative symposium. We strongly encouraged proposals that bridge different types of research (e.g., preclinical and clinical), to provide the opportunity for society members with different interests to interact.

RSA 2010 DAILY SCHEDULE

TUESDAY, JUNE 29

9:30am - 11:30am

SYMPOSIUM

LONE STAR E

ADOPTING ALCOHOLISM PHARMACOTHERAPY IN CLINICAL PRACTICE: BARRIERS AND FACILITATORS

Organizer/Chair: Peter M. Miller, Medical Univ. of South Carolina, Charleston SC 29425

- 9:30 INTRODUCTION
Peter M. Miller, Medical Univ. of South Carolina, Charleston SC 29425
- 9:40 ADVANCING RECOVERY: STATE AND PROVIDER PARTNERSHIPS TO PROMOTE MEDICATIONS FOR THE TREATMENT OF ALCOHOL USE DISORDERS
Traci Rieckmann, Dept. of Public Health, Oregon Health and Sciences Univ., Portland OR 97239
- 10:05 FINANCIAL CONTEXT OF THE ADOPTION AND USE OF MEDICATIONS TO TREAT ALCOHOLISM
Cheryl A. Kassed, Thomson Reuters, Washington DC 20008
- 10:30 INCREASING THE USE OF ALCOHOLISM MEDICATIONS IN PRIMARY CARE
Peter M. Miller, Medical Univ. of South Carolina, Charleston SC 29425
- 10:55 IMPLEMENTATION OF ALCOHOL PHARMACOTHERAPIES IN SPECIALTY AND TREATMENT SETTINGS: HOW ARE PROGRAMS USING MEDICATIONS IN ROUTINE TREATMENT PRACTICE
Amanda Abraham, Inst. for Behavioral Res., Univ. of Georgia, Athens GA 30602
- 11:20 DISCUSSANT
Henry R. Kranzler, Univ. of Connecticut Health Ctr., Farmington CT 06030

9:30am - 11:30am

SYMPOSIUM

LONE STAR F

CELLULAR AND MOLECULAR MECHANISMS OF TISSUE INJURY BY ETHANOL-INDUCED OXIDATIVE STRESS AND INFLAMMATION

Organizers/Chairs: R.K. Rao, Univ. of Tennessee, Memphis TN 38163 and
Laura E. Nagy, Depts. of Pathobiology and Gastroenterology, Cleveland Clinic, Cleveland OH 44120

- 9:30 INTRODUCTION
Arthur Cederbaum, Mount Sinai School of Medicine, New York NY 10029
- 9:40 SPREADING THE OXIDATIVE STRESS: CIRCULATING BIOACTIVE PHOSPHOLIPIDS IN CHRONIC ALCOHOL EXPOSURE
Thomas M. McIntyre, Lerner Research Inst., Cleveland Clinic, Cleveland OH 44195
- 10:05 ETHANOL-INDUCED OXIDATIVE STRESS AND INFLAMMATION IN ADIPOSE TISSUE: IMPACT ON LIVER INJURY
Laura E. Nagy, Depts. of Pathobiology and Gastroenterology, Cleveland Clinic, Cleveland OH 44120
- 10:30 BLOOD-BRAIN BARRIER DYSFUNCTION INITIATES ASTROGLIA ACTIVATION AND NEURONAL INJURY DURING ETHANOL-INDUCED OXIDATIVE STRESS
James Haorah, Univ. of Nebraska Medical Ctr., Omaha NE 68198
- 10:55 NOX INDUCTION AND OXIDATIVE STRESS CONTRIBUTE TO ALCOHOLIC NEURODEGENERATION
Fulton T. Crews, Bowles Ctr. for Alcohol Studies, Univ. of North Carolina, Chapel Hill NC 27599
- 11:20 DISCUSSANT
R.K. Rao, Univ. of Tennessee, Memphis TN 38163

11:40am - 12:20pm

RSA BUSINESS (MEMBERSHIP) MEETING - open to RSA members

LONE STAR B

12:30pm - 1:50pm

NIAAA-SUPPORTED RESEARCH: A GRANTSMANSHIP WORKSHOP - open

LONE STAR A

Organized by the RSA Education Committee
Chairs: Christian Hendershot and Robert Miranda
Everyone Welcome - Light Lunch available for those who RSVP'd in advance - ticket required

RSA 2010 DAILY SCHEDULE

TUESDAY, JUNE 29

2:00pm - 4:00pm

ROUNDTABLE

LONE STAR A

ANIMAL RESEARCH ADVOCACY ROUNDTABLE

Organizer/Chair: Allyson J. Bennett, Dept. of Physiology and Pharmacology,
Wake Forest Univ., Winston-Salem NC 27127

- 2:00 INTRODUCTION
Allyson J. Bennett, Dept. of Physiology / Pharmacology, Wake Forest Univ., Winston-Salem NC 27127
- 2:10 DISCUSSANTS:
Kristen Bocanegra, Americans for Medical Progress, Alexandria VA 22314
- Michael A. Taffe, Comm. on the Neurobiology of Addictive Disorders, The Scripps Research Inst., La Jolla CA 92037
- Janet D. Stemwedel, Dept. of Physiology, San Jose Univ., San Jose CA 95192
- Allyson J. Bennett, Dept. of Physiology / Pharmacology, Wake Forest Univ., Winston-Salem NC 27127
- 3:30 OPEN DISCUSSION

2:00pm - 4:00pm

SYMPOSIUM

TEXAS D

THE ROLE OF SEROTONIN AND SEROTONIN RECEPTORS IN PRENATAL AND POSTNATAL EFFECTS OF ETHANOL

Organizer: Kari Buck, Oregon Health Science Univ. and VA Medical Ctr., Portland OR 97239

Chair: Richard Morrisett, Dept. of Pharmacology, Univ. of Texas, Austin TX 78712

- 2:00 INTRODUCTION
Zachary Rodd, Dept. of Psychiatry, Indiana Univ. School of Medicine, Indianapolis IN 46202
- 2:10 ETHANOL MODULATES GABAERGIC INHIBITION AND EXCITABILITY OF VENTRAL TEGMENTAL AREA DA NEURONS VIA A 5-HT_{2C} RECEPTOR DEPENDENT MECHANISM
Richard Morrisett, Dept. of Pharmacology, Univ. of Texas, Austin TX 78712
- 2:35 KNOCKOUT AND BACTERIAL ARTIFICIAL CHROMOSOME (BAC) TRANSGENIC MODELS PROVIDE IN VIVO EVIDENCE FOR INVOLVEMENT OF MPDZ IN ETHANOL WITHDRAWAL
Kari Buck, Oregon Health Science Univ. and VA Medical Ctr., Portland OR 97239
- 3:00 BEHAVIORAL IMPLICATIONS OF SEROTONIN (5-HT) REGULATION IN MOUSE AND RAT MODELS
Noelle Anastasio, Univ. of Texas Medical Branch, Ctr. for Addiction Research, Galveston TX 77555
- 3:25 PHYSIOLOGICAL AND BEHAVIORAL IMPLICATIONS OF SEROTONIN REGULATION IN RAT MODELS OF PRENATAL ALCOHOL EXPOSURE (PAE)
Joanne Weinberg, Dept. of Cellular and Physiological Sciences, Univ. of British Columbia, Vancouver, BC V6T 1Z3 Canada
- 3:50 DISCUSSANT
Joanne Weinberg, Dept. of Cellular and Physiological Sciences, Univ. of British Columbia, Vancouver, BC V6T 1Z3 Canada

RSA 2010 DAILY SCHEDULE

TUESDAY, JUNE 29

2:00pm - 4:00pm

SYMPOSIUM

LONE STAR B

TRANSLATION OF RESEARCH INTO PRACTICE: INNOVATIVE INTERVENTIONS ACROSS THE COURSE OF ALCOHOL USE DISORDERS

Organizers/Chairs: Michie N. Hesselbrock, Dept. of Psychiatry, Univ. of Connecticut, Farmington CT 06030 and
Peggy Murray, NIAAA / NIH, Rockville MD 20852

Organizer: Audrey Begun, Ohio State Univ. College of Social Work, Columbus OH 43210

- 2:00 INTRODUCTION
Peggy Murray, NIAAA / NIH, Rockville MD 20852
- 2:10 ALCOHOL SCREEING AND BRIEF INTERVENTION IN EMERGENCY DEPARTMENT SETTINGS: EVIDENCE FOR EFFECTIVENESS
John Clapp, San Diego State Univ., Ctr. for Alcohol & Drug Studies and Services, San Diego CA 92182
- 2:35 COMMUNITY REINFORCEMENT APPROACH OUTCOMES AMONG EMERGING ADULTS AND ADOLESCENTS
Douglas Smith, Univ. of Illinois, School of Social Work, Urbana IL 61801
- 3:00 TREATMENT OF MULTIPLE RISK ISSUES IN URBAN WOMEN: RESULTS OF AN INTERVENTION FOR CO-EXISTING ALCOHOL USE DISORDERS AND SEXUAL RISK (HEART TO HEART)
Laura Otto-Salaj, Univ. of Wisconsin, Ctr. for Addiction and Behavioral Health, Milwaukee WI 53201
- 3:25 THE IMPACT OF A SUPPORTIVE SIGNIFICANT OTHER (SSO) IN A COMBINED MEDICATION AND BEHAVIORAL ALCOHOL TREATMENT STUDY
Allen Zweben, Columbia Univ., School of Social Work, New York NY 10027
- 3:50 DISCUSSANT
J. Scott Tonigan, Dept. of Psychology, Univ. of New Mexico, Albuquerque NM 87106

2:00pm - 4:00pm

SYMPOSIUM

LONE STAR C

STUDYING MECHANISMS OF BEHAVIOR CHANGE THROUGH WITHIN TREATMENT OBSERVATIONS

Organizer/Chair: Barbara S. McCrady, CASAA and Dept. of Psychology, Univ. of New Mexico, Albuquerque NM 87106

- 2:00 INTRODUCTION
Barbara S. McCrady, CASAA and Dept. of Psychology, Univ. of New Mexico, Albuquerque NM 87106
- 2:10 USING INTERIM MONITORING OF ALCOHOL USE AND CRAVINGS TO INFORM OUR UNDERSTANDING OF HOW TREATMENT WORKS AND FOR WHOM
Michelle L. Drapkin, Univ. of Pennsylvania School of Medicine and VAMC, Philadelphia PA 19104
- 2:35 THERAPISTS' USE OF COMMON AND SPECIFIC FACTORS IN ALCOHOL BEHAVIORAL COUPLES THERAPY AS PREDICTORS OF TREATMENT RESPONSE
Barbara S. McCrady, CASAA and Dept. of Psychology, Univ. of New Mexico, Albuquerque NM 87106
- 3:00 IDENTIFYING CHANGE PROCESSES AMONG PATIENTS IN BEHAVIORAL TREATMENT FOR ALCOHOLISM
Mitchell Karno, Univ. of California, Integrated Substance Abuse Programs, Los Angeles CA 90025
- 3:25 PRELIMINARY RESULTS OF AN RCT TO EXPLORE CHANGE TALK AS A MECHANISM OF ACTION IN MOTIVATIONAL INTERVIEWING
Theresa B. Moyers, Dept. of Psychology, Univ. of New Mexico, Albuquerque NM 87106
- 3:50 DISCUSSANT
Richard Longabaugh, Warren Alpert School of Medicine, Brown Univ., Providence RI 02906

RSA 2010 DAILY SCHEDULE

TUESDAY, JUNE 29

2:00pm - 4:00pm

SYMPOSIUM

TEXAS E

PREDICTING RELAPSE AND TREATMENT OUTCOME IN ALCOHOL USE DISORDERS:
TIME FOR AN INTEGRATIVE BIOPSYCHOSOCIAL APPROACH
Organizers/Chairs: Dieter J. Meyerhoff, Dept. of Radiology and Biomedical Imaging,
Univ. of California, San Francisco CA 94121 and
Timothy C. Durazzo, Dept. of Radiology and Biomedical Imaging,
Univ. of California, San Francisco CA 94121

- 2:00 INTRODUCTION
Dieter J. Meyerhoff, Dept. of Radiology and Biomedical Imaging, Univ. of California, San Francisco CA 94121
- 2:10 ALCOHOL USE IN THE FIRST YEAR POST-TREATMENT INITIATION AND ITS RELATIONSHIP TO LONGER-TERM FUNCTIONING IN INDIVIDUALS PRESENTING FOR AUD TREATMENT
Stephen A. Maisto, Dept. of Psychology, Syracuse Univ., Syracuse NY 13244
- 2:35 SUBSYNDROMAL DISTURBANCES IN MOOD AND SLEEP IN ALCOHOL DEPENDENCE: RESULTS OF A RANDOMIZED CONTROLLED TRIAL
Barbara Mason, Comm. on the Neurobiology of Addictive Disorders, The Scripps Research Inst., La Jolla CA 92037
- 3:00 NEURAL AND NEUROENDOCRINE PREDICTORS OF ALCOHOL RELAPSE RISK
Rajita Sinha, Dept. of Psychiatry, Yale Univ. School of Medicine, New Haven CT 06519
- 3:25 NEUROBIOLOGICAL CORRELATES OF RELAPSE TO HAZARDOUS DRINKING AFTER TREATMENT FOR ALCOHOL USE DISORDERS
Timothy C. Durazzo, Dept. of Radiology and Biomedical Imaging, Univ. of California, San Francisco CA 94121
- 3:50 DISCUSSANT
Kent Hutchison, The Mind Research Network, Univ. of New Mexico, Albuquerque NM 87106

2:00pm - 4:00pm

SYMPOSIUM

LONE STAR D

ETHANOL, INFLAMMATION AND FIBROSIS: SHIFTING THE BALANCE FROM LIVER INJURY TO REPAIR
Organizers/Chairs: Michele T. Pritchard, Dept. of Pathobiology, Cleveland Clinic, Cleveland OH 44195 and
Ian N. Hines, Dept. of Medicine, Univ. of North Carolina, Chapel Hill NC 27599

- 2:00 INTRODUCTION
Laura E. Nagy, Dept. of Molecular Medicine, Cleveland Clinic, Cleveland OH 44195
- 2:10 CC-CHEMOKINE RECEPTORS REGULATE THE DEVELOPMENT OF LIVER INFLAMMATION AND FIBROSIS
Ekihiro Seki, Dept. of Medicine, Univ. of California, La Jolla CA 92093
- 2:35 ETHANOL ALTERS HEPATIC NKT CELL FUNCTION: IMPLICATIONS FOR ETHANOL-ASSOCIATED FIBROGENESIS
Ian N. Hines, Dept. of Medicine, Univ. of North Carolina, Chapel Hill NC 27599
- 3:00 MOLECULAR MECHANISMS OF ALCOHOLIC LIVER DISEASE: ROLES OF IL-6/STAT3 AND NATURAL KILLER CELLS
Bin Gao, Section on Liver Biology, NIAAA/NIH, Bethesda MD 20892
- 3:25 EGR-1 AND HEPATIC INFLAMMATION: A LITTLE GOES A LONG WAY
Michele T. Pritchard, Dept. of Pathobiology, Cleveland Clinic, Cleveland OH 44195
- 3:50 DISCUSSANT
Ian N. Hines, Dept. of Medicine, Univ. of North Carolina, Chapel Hill NC 27599

RSA 2010 DAILY SCHEDULE

TUESDAY, JUNE 29

2:00pm - 4:00pm

SYMPOSIUM

LONE STAR E

TRAUMA AND POSTTRAUMATIC STRESS AND ITS ASSOCIATION WITH PROBLEM DRINKING IN COLLEGE:
PREVALENCE, MECHANISMS, AND TREATMENT DIRECTIONS

Organizer/Chair: Jennifer P. Read, Dept. of Psychology, State Univ. of New York, Buffalo NY 14260

- 2:00 INTRODUCTION
Jennifer P. Read, Dept. of Psychology, State Univ. of New York, Buffalo NY 14260
- 2:10 POSTTRAUMATIC STRESS AND PROBLEM ALCOHOL INVOLVEMENT IN COLLEGE STUDENTS: PREVALENCE, TRAJECTORIES, AND IMPAIRMENT IN AN AT-RISK POPULATION
Jennifer P. Read, Dept. of Psychology, State Univ. of New York, Buffalo NY 14260
- 2:35 DRINKING MOTIVES, ALCOHOL-RELATED NEGATIVE CONSEQUENCES, AND PTSD IN FEMALE COLLEGE STUDENTS
Debra Kaysen, Dept. of Psychiatry and Human Behavior, Univ. of Washington, Seattle WA 98195
- 3:00 WITHIN AND ACROSS TIME MECHANISMS OF ASSOCIATION IN TRAUMATIC STRESS AND ALCOHOL PROBLEMS
Jennifer E. Merrill, Dept. of Psychology, State Univ. of New York, Buffalo NY 14260
- 3:25 THE ROLE OF PTSD IN RESPONSE TO BRIEF ALCOHOL INTERVENTIONS
Christopher Monahan, Dept. of Psychology, Univ. of Memphis, Memphis TN 38152
- 3:50 DISCUSSANT
Paige Ouimette, Ctr. for Integrated Healthcare, Syracuse VAMC, Syracuse NY 13210

2:00pm - 4:00pm

SYMPOSIUM

LONE STAR F

***NUTRIENT MODULATION OF FASD RISK: NOVEL STRATEGIES FOR PREVENTION AND TREATMENT
Organizers/Chairs: Susan M. Smith, Dept. of Nutritional Sciences, Univ. of Wisconsin, Madison WI 53706 and
Jennifer Thomas, Dept. of Psychology, San Diego State Univ., San Diego CA 92120

- 2:00 INTRODUCTION
Susan M. Smith, Dept. of Nutritional Sciences, Univ. of Wisconsin, Madison WI 53706
- 2:10 SUBCLINICAL MATERNAL IRON INADEQUACY EXACERBATES NEUROBEHAVIORAL DEFICITS CAUSED BY DEVELOPMENTAL ETHANOL EXPOSURE
Susan Smith, Dept. of Nutritional Sciences, Univ. of Wisconsin, Madison WI 53706
- 2:35 ETHANOL ELEVATES RETINOIC ACID AT SPECIFIC SITES OF EMBRYO BRAIN DURING MATERNAL ALCOHOL CONSUMPTION
Joseph L. Napoli, Dept. of Nutritional Science and Toxicology, Univ. of California, Berkeley CA 94706
- 3:00 CHOLINE AVAILABILITY AND FETAL ALCOHOL SPECTRUM DISORDERS: NUTRITIONAL RISK FACTORS AND POTENTIAL TREATMENTS
Jennifer Thomas, Dept. of Psychology, San Diego State Univ., San Diego CA 92120
- 3:25 ALTERED MATERNAL NUTRITIONAL FACTORS MAY CONFER RISK OF FETAL ALCOHOL SPECTRUM DISORDERS (FASD)
Christina Chambers, Depts. of Pediatrics & Family & Prevention Medicine, Univ. of California, La Jolla CA 92093
- 3:50 DISCUSSANT
Jennifer Thomas, Dept. of Psychology, San Diego State Univ., San Diego CA 92120

4:00pm - 6:30pm

POSTER SESSION III

TEXAS A-B-C

POSTER NUMBERS: 1-233 / ABSTRACT NUMBERS: 466-698
three 45-minute periods and 15-minutes for final unmanned viewing
(light refreshments)

***Indicates an integrative symposium. We strongly encouraged proposals that bridge different types of research (e.g., preclinical and clinical), to provide the opportunity for society members with different interests to interact.

RSA 2010 DAILY SCHEDULE

TUESDAY, JUNE 29

6:15pm - 7:30pm

PAPER SESSION

LONE STAR A

REINFORCEMENT / DRINKING

Moderator: Brian McCool

- 6:15 Brian McCool INTRODUCTION
- 6:20 Vincent Marty LONG-LASTING EFFECTS OF ALCOHOL ON SYNAPTIC TRANSMISSION IN THE NUCLEUS ACCUMBENS
- 6:34 Peter Kufahl AN mGlu2/3 RECEPTOR AGONIST ATTENUATES REINSTATEMENT OF ALCOHOL-SEEKING IN POSTDEPENDENT RATS
- 6:48 Sara Faccidomo MICROINJECTION OF THE MEK INHIBITOR, SL327, INTO THE PREFRONTAL CORTEX AND AMYGDALA: DIFFERENTIAL EFFECTS ON ETHANOL SELF-ADMINISTRATION IN MICE
- 7:02 Gerald Deehan, Jr. ENVIRONMENTAL ENRICHMENT DECREASES OPERANT RESPONDING FOR ETHANOL IN ALCOHOL PREFERRING (P) RATS
- 7:16 Angela Ozburn CLOCK Δ 19 MUTANTS EXHIBIT INCREASED ETHANOL PREFERENCE AND CONSUMPTION

6:15pm - 7:30pm

PAPER SESSION

LONE STAR B

GENETICS / EPIGENETICS

Moderator: Kent Hutchison

- 6:15 Kent Hutchison INTRODUCTION
- 6:20 Sara Blaine TACR1 (NK1R) SNPS THAT INFLUENCE CUE-ELICITED BRAIN ACTIVATION REPLICATE IN THE COGA SAMPLE
- 6:34 Jacquelyn Meyers MEASURES OF CURRENT ALCOHOL CONSUMPTION AND PROBLEMS: TWO INDEPENDENT TWIN STUDIES SUGGEST A COMPLEX GENETIC ARCHITECTURE
- 6:48 Harish Krishnan CHARACTERIZING THE EPIGENETIC NETWORK RESPONSIBLE FOR ALCOHOL TOLERANCE IN DROSOPHILA
- 7:02 Laura Bevilacqua A COMMON, POPULATION-SPECIFIC STOP CODON IN HTR2B CO-SEGREGATES WITH SEVERE IMPULSIVITY AND ALCOHOLISM
- 7:16 Alexis Edwards GENOME-WIDE ASSOCIATION STUDY OF COMORBID MAJOR DEPRESSION AND ALCOHOL DEPENDENCE

6:15pm - 7:30pm

PAPER SESSION

LONE STAR C

NOVEL TREATMENT

Moderator: Stephen Boehm

- 6:15 Stephen Boehm INTRODUCTION
- 6:20 Richard van Rijn MAKING A CASE FOR DELTA OPIOID RECEPTOR SUBTYPE SELECTIVE DRUGS FOR THE TREATMENT OF ALCOHOLISM
- 6:34 Biju Viswanath THE EFFICACY OF ATOMOXETINE AS ADJUNCTIVE TREATMENT FOR CO-MORBID ATTENTION DEFICIT HYPERACTIVITY AND SUBSTANCE USE DISORDERS
- 6:48 Amy Bracken AGE-DEPENDENT REDUCTION OF DRINKING-IN-THE-DARK BY THE GABAA PARTIAL INVERSE AGONIST RO15-4513 IN ADOLESCENT AND ADULT B6 MICE
- 7:02 Anuj Mubayi ENVIRONMENTAL CONTROL PROGRAMS FOR ALCOHOL ADDICTION IN PRESENCE OF INTRINSIC STOCHASTICITY
- 7:16 Preston Greene SEARCHING FOR MECHANISMS OF CHANGE WITHIN TREATMENT: A LOOK AT ABSTINENCE SELF-EFFICACY

RSA 2010 DAILY SCHEDULE

TUESDAY, JUNE 29

6:15pm - 7:30pm

PAPER SESSION

LONE STAR D

ALCOHOL DURING ADOLESCENT DEVELOPMENT: BASIC TO APPLIED RESEARCH

Moderator: Sandra Brown

6:15	Sandra Brown	INTRODUCTION
6:20	Justin McClain	HIPPOCAMPAL NEURAL PROGENITOR CELL CYCLE ANALYSIS FOLLOWING BINGE ALCOHOL EXPOSURE IN ADOLESCENT RATS
6:34	Alecia Schweinsburg	NEURAL CORRELATES OF VERBAL LEARNING IN ADOLESCENT ALCOHOL AND MARIJUANA USERS
6:48	Katie Kelm	PREDICTION OF PROBLEM DRINKING IN LATE ADOLESCENTS AND YOUNG ADULTS: THE ROLE OF SWEET LIKING, NOVELTY SEEKING, AND IMPULSIVE DECISION MAKING
7:02	Nicole Bekman	THE ROLE OF ALCOHOL-RELATED COGNITIONS IN VARIOUS STAGES OF ADOLESCENT ALCOHOL USE
7:16	Silke Behrendt	ALCOHOL USE DISORDER SYMPTOMS IN ADOLESCENCE AND EARLY ADULTHOOD: A PROSPECTIVE-LONGITUDINAL COMMUNITY STUDY

RSA 2010 DAILY SCHEDULE

WEDNESDAY, JUNE 30

6:30am - 8:30am

CONTINENTAL BREAKFAST - Nametag Required.

TEXAS FOYER

7:30am - 2:00pm

RSA REGISTRATION DESK - Open

TEXAS FOYER

8:00am - 9:00am

PLENARY SESSION IV

TEXAS D-E-F

OPTOGENETICS: NEW DEVELOPMENTS, NEW APPLICATIONS

Karl Deisseroth, M.D., Ph.D., Bioengineering and Psychiatry, Stanford University, Stanford CA 94305

Karl Deisseroth, M.D., Ph.D. is Associate Professor of Bioengineering and Associate Professor of Psychiatry and Behavioral Sciences at Stanford University, Department of Bioengineering, Stanford, California. In 1992, Dr. Deisseroth received his A.B. in Biochemical Sciences at Harvard College. In 1998, he received his Ph.D. in Neuroscience at Stanford University, and then in 2000, he received his M.D. in Clinical Medicine, also at Stanford. Dr. Deisseroth's most recent awards/honors include: 2010 International Nakasone Award, for optogenetics; 2009 Society for Neuroscience Young Investigator Award, for optogenetics; 2008 Schuetze Prize in Neurobiology, Columbia University, for optogenetics; 2008 Lawrence C. Katz Prize in Neurobiology, Duke University, for optogenetics; 2008 *Brilliant 10* Award, Popular Science 2008; William M. Keck Foundation Medical Research Award 2007; MIT Technology Review: Top 10 Technologies (TR10) of 2007 Award; 2007 McKnight Foundation Scholar Award; 2006 Presidential Early Career Award for Scientists and Engineers; and 2005 American Psychiatric Institute for Research and Education Young Faculty Award.

9:00am - 9:30am

COFFEE BREAK

TEXAS FOYER

RSA 2010 DAILY SCHEDULE

WEDNESDAY, JUNE 30

9:30am - 11:30am

SYMPOSIUM

LONE STAR A

ADVANCING ALCOHOL TREATMENT OUTCOMES USING DAILY DATA COLLECTION APPROACHES:
CURRENT APPLICATIONS, METHODOLOGICAL CONSIDERATIONS, AND FUTURE DIRECTIONS

Organizer/Chair: Amy M. Cohn, Dept. of Mental Health Law and Policy,
Dept. of Criminology, Univ. of South Florida, Tampa FL 33612

- 9:30 INTRODUCTION
Amy M. Cohn, Dept. of Mental Health Law and Policy, Dept. of Criminology, Univ. of South Florida, Tampa FL 33612
- 9:40 A DAILY PROCESS APPROACH TO EVALUATING THREE BRIEF MOTIVATION-BASED INTERVENTIONS TO REDUCE YOUNG ADULTS' ALCOHOL USE
Lorraine R. Collins, Research Inst. on Addictions, State Univ. of New York, Buffalo NY 14203
- 10:05 RESPONDENT CHARACTERISTICS THAT INFLUENCE INTERACTIVE VOICE RESPONSE COMPLIANCE IN A CLINICAL TRIAL FOR DRINKING MODERATION AMONG PROBLEM DRINKING MEN
Brett T. Hagman, Ctr. of Alcohol Studies, Rutgers Univ., Piscataway, NJ 08854
- 10:30 DYNAMIC SYSTEMS MODELING OF ECOLOGICAL MOMENTARY ASSESSMENT DATA AMONG PROBLEM DRINKERS IN TREATMENT
Jon Morgenstern, Dept. of Psychiatry, Columbia Univ., New York NY 10014
- 10:55 PROMOTING BEHAVIOR CHANGE FROM ALCOHOL USE THROUGH MOBILE TECHNOLOGY: THE FUTURE OF ECOLOGICAL MOMENTARY ASSESSMENT
Amy M. Cohn, Dept. of Mental Health Law and Policy, Dept. of Criminology, Univ. of South Florida, Tampa FL 33612
- 11:20 DISCUSSANT
Barbara S. McCrady, University of New Mexico, Ctr. on Alcoholism, Substance Abuse, and Addiction, Dept. of Psychology, Albuquerque NM 87106

9:30am - 11:30am

SYMPOSIUM

LONE STAR B

CHALLENGES OF IMPLEMENTING ALCOHOL SCREENING AND BRIEF INTERVENTIONS IN HEALTH CARE
Organizer/Chair: Colin Drummond, Nat'l Addiction Ctr., Inst. of Psychiatry, King's College, London, SE5 8BB, UK
Organizer: Paolo Deluca, Nat'l Addiction Ctr., Inst. of Psychiatry, King's College, London, SE5 8BB, UK

- 9:30 INTRODUCTION
Colin Drummond, Nat'l Addiction Ctr., Inst. of Psychiatry, King's College, London, SE5 8BB, UK
- 9:40 CHALLENGES AND SOLUTIONS IN IMPLEMENTING SCREENING AND BRIEF INTERVENTIONS FOR HAZARDOUS ALCOHOL USE IN ACCIDENT AND EMERGENCY DEPARTMENTS
Paolo Deluca, Nat'l Addiction Ctr., Inst. of Psychiatry, King's College, London, SE5 8BB, UK
- 10:05 SIPS SCREENING AND BRIEF INTERVENTION STUDY IN PRIMARY CARE: INITIAL FINDINGS ON SCREENING AND IMPLEMENTATION
Eileen Kaner, Inst. of Health and Society, Newcastle Univ., Newcastle upon Tyne, England NE2 4HH, UK
- 10:30 ALCOHOL SCREENING AND BRIEF INTERVENTION IN CRIMINAL JUSTICE SETTINGS: PREVALENCE AND PERFORMANCE OF SCREENING TESTS
Simon Coulton, Ctr. for Health Services Studies, Univ. of Kent, Canterbury, Kent CT2 7NZ, UK
- 10:55 RANDOMISED CONTROLLED ON-LINE TRIAL OF AN INTERACTIVE WEB-BASED BEHAVIOURAL INTERVENTION TO REDUCE ALCOHOL CONSUMPTION AMONGST HAZARDOUS DRINKERS
Paul Wallace, Dept. of Primary Care and Population Health, Univ. College London, London, N19 5LW, UK
- 11:20 DISCUSSANT
Richard Saitz, Dept. of Medicine and Epidemiology, Boston Univ. School of Medicine, Boston MA 02118

RSA 2010 DAILY SCHEDULE

WEDNESDAY, JUNE 30

9:30am - 11:30am

SYMPOSIUM

LONE STAR C

***FROM MICE TO MEN: GENE NETWORKS AND PATHWAYS ASSOCIATED WITH
ETHANOL RESPONSE ACROSS MULTIPLE SPECIES

Organizer: Jessica Ezzell Hunter, Oregon Health Science Univ. and VA Medical Ctr., Portland OR 97239

Chair: Robert Hitzemann, Oregon Health Science Univ. and VA Medical Ctr., Portland OR 97239

- 9:30 INTRODUCTION
Kari J. Buck, Oregon Health Science Univ. and VA Medical Ctr., Portland OR 97239
- 9:40 NETWORK APPROACHES FOR STUDYING THE MOUSE STRIATUM TRANSCRIPTOME
Ovidiu Dan Iancu, Dept. of Behavioral Neuroscience, Oregon Health & Sciences Univ., Portland OR 97239
- 10:05 EXPRESSION NETWORKS CORRELATING WITH ETHANOL DRINKING BEHAVIOR ACROSS SPECIES
Michael F. Miles, Depts. of Pharmacology and Neurology, Virginia Commonwealth Univ., Richmond VA 23298
- 10:30 ANALYSIS OF PREFRONTAL AND ORBITOFRONTAL TRANSCRIPTOMES IN CYNOMOLGUS MACAQUE MONKEYS AFTER
SELF-ADMINISTRATION OF ETHANOL
Jessica Ezzell Hunter, Oregon Health Science Univ. and VA Medical Ctr., Portland OR 97239
- 10:55 FUNCTIONAL ORGANIZATION OF THE BRAIN TRANSCRIPTOME IN ALCOHOLIC AND NONALCOHOLIC INDIVIDUALS
Igor Ponomarev, WCAAR, Univ. of Texas College of Pharmacy, Austin TX 78712
- 11:20 DISCUSSANT
Robert Hitzemann, Oregon Health Science Univ. and VA Medical Ctr., Portland OR 97239

9:30am - 11:30am

SYMPOSIUM

TEXAS D

***RISKY DECISION MAKING AND ALCOHOL USE DISORDERS:

FINDINGS AT THE BEHAVIORAL, GENETIC AND NEURAL LEVELS OF ANALYSIS

Organizer/Chair: Lara Ray, Dept. of Psychology, Univ. of California, Los Angeles CA 90095

Chair: J. David Jentsch, Dept. of Psychology, Univ. of California, Los Angeles CA 90095

- 9:30 INTRODUCTION
Carl Lejuez, Dept. of Psychology, Univ. of Maryland, College Park MD 20742
- 9:40 RISKY DECISION-MAKING IN RATS: FROM GENES TO CIRCUITS TO ADDICTIONS
J. David Jentsch, Dept. of Psychology, Univ. of California, Los Angeles CA 90095
- 10:05 RISKY DECISION MAKING IN INDIVIDUALS WITH ALCOHOL USE DISORDERS: GENETIC AND CLINICAL MODERATORS
James Ashenhurst, Neuroscience Interdepartmental Program, Univ. of California, Los Angeles CA 90095
- 10:30 FUNCTIONAL NEUROIMAGING OF RISK TAKING IN HEAVY DRINKERS
Eric Claus, Univ. of New Mexico, The Mind Research Network, Albuquerque NM 87106
- 10:55 VALIDITY OF A BEHAVIORAL TASK OF NEGATIVE REINFORCEMENT UNDERLYING RISKY ALCOHOL USE
Laura MacPherson, Dept. of Psychology, Univ. of Maryland, College Park MD 20742
- 11:20 DISCUSSANT
Harriet de Wit, Dept. of Psychiatry, Univ. of Chicago, Chicago IL 60637

***Indicates an integrative symposium. We strongly encouraged proposals that bridge different types of research (e.g., preclinical and clinical), to provide the opportunity for society members with different interests to interact.

RSA 2010 DAILY SCHEDULE

WEDNESDAY, JUNE 30

9:30am - 11:30am

SYMPOSIUM

LONE STAR D

***YOU CAN MEASURE THAT? LEADING-EDGE NEURONAL TECHNIQUES
APPLIED TO RODENT AND HUMAN ALCOHOL RESEARCH

Organizer/Chair: Donita L. Robinson, Bowles Ctr. for Alcohol Studies, Univ. of North Carolina, Chapel Hill NC 27599

- 9:30 INTRODUCTION
Donita L. Robinson, Bowles Ctr. for Alcohol Studies, Univ. of North Carolina, Chapel Hill NC 27599
- 9:40 USING ENZYME-COATED BIOSENSORS TO MEASURE NEAR REAL-TIME CHANGES IN EXTRACELLULAR GLUTAMATE DURING ALCOHOL-RELATED BEHAVIORS
M. Foster Olive, Depts. of Psychiatry and Neurosciences, Med. Univ. of South Carolina, Charleston SC 29425
- 10:05 OPTOGENETIC AND CHEMOGENETIC CONTROL OF BRAIN REWARD CIRCUITRY
Garret D. Stuber, E. Gallo Clinic and Res. Ctr., Univ. of California-San Francisco, Emeryville CA 94608
- 10:30 MAGNETIC RESONANCE MICROSCOPY AND DIFFUSION TENSOR IMAGING DEFINE STAGE-DEPENDENT CHANGES IN BRAIN MORPHOLOGY AFTER PRENATAL ETHANOL EXPOSURE IN MICE
Shonagh K. O'Leary-Moore, Bowles Ctr. for Alcohol Studies, Univ. of North Carolina, Chapel Hill NC 27599
- 10:55 BEYOND THE BOLD: IMAGING CEREBRAL BLOOD FLOW WITH ARTERIAL SPIN LABELING FMRI IN AN ALCOHOL STUDY.
David Newlin, RTI International, Columbia MD 21045
- 11:20 DISCUSSANT
L. Judson Chandler, Dept. of Physiology and Neuroscience, Med. Univ. of South Carolina, Charleston SC 29425

9:30am - 11:30am

SYMPOSIUM

TEXAS E

NEW THOUGHTS ON AN OLD DESIRE: RECENT ADVANCES IN ANIMAL MODELS OF ETOH-SEEKING
Organizers/Chairs: Zachary A. Rodd, Dept. of Psychiatry, Indiana Univ. School of Med., Indianapolis IN 46202 and
Patricia H. Janak, Gallo Ctr., Dept. of Neurology, Univ. of California-San Francisco, Emeryville CA 94608

- 9:30 INTRODUCTION
Patricia H. Janak, Gallo Ctr., Dept. of Neurology, Univ. of California-San Francisco, Emeryville CA 94608
- 9:40 PARADOXICAL EFFECTS IN AN ANIMAL MODEL OF TREATMENT: RENEWAL AND RESURGENCE SHOW THAT FASTER TREATMENT MAY SOMETIMES BE LESS EFFECTIVE TREATMENT
Neil E. Winterbauer, Dept. of Psychology, Univ. of Vermont, Burlington VT 05405
- 10:05 MGLU5 RECEPTOR REGULATION OF ALCOHOL-SEEKING BEHAVIOR: INTEGRATION OF THE INTEROCEPTIVE AND REINFORCING EFFECTS OF ALCOHOL IN THE NUCLEUS ACCUMBENS
Clyde W. Hodge, Depts. of Psychiatry and Pharmacology, Univ. of North Carolina, Chapel Hill NC 27599
- 10:30 EXPOSURE TO PRENATAL STRESS INCREASES RESPONSIVENESS TO ALCOHOL: INVOLVEMENT OF HOMER PROTEINS
Tod E. Kippin, Dept. of Psychology, Univ. of California, Santa Barbara CA 93106
- 10:55 ETOH-SEEKING IN THE ALCOHOL-PREFERRING (P) RAT: EFFECT OF ENVIRONMENTAL CUES, DRINKING HISTORY, AND INVOLVEMENT OF THE POSTERIOR VENTRAL TEGMENTAL AREA
Zachary A. Rodd, Dept. of Psychiatry, Indiana Univ. School of Med., Indianapolis IN 46202
- 11:20 DISCUSSANT
Patricia H. Janak, Gallo Ctr., Dept. of Neurology, Univ. of California-San Francisco, Emeryville CA 94608

***Indicates an integrative symposium. We strongly encouraged proposals that bridge different types of research (e.g., preclinical and clinical), to provide the opportunity for society members with different interests to interact.

RSA 2010 DAILY SCHEDULE

WEDNESDAY, JUNE 30

9:30am - 11:30am

WORKSHOP

LONE STAR E

WHAT ARE THE DETERMINANTS FOR MODELING PERI-ADOLESCENT BINGE ALCOHOL EFFECTS IN RATS?

Organizer/Chair: Peter J. Syapin, Dept. of Pharmacology & Neuroscience, Texas Tech Univ. HSC, Lubbock TX 79430

Chair: Gregory W. Schrimsher, Dept. of Psychiatry, Texas Tech Univ. HSC, Lubbock TX 79430

- 9:30 INTRODUCTION
Gregory W. Schrimsher, Dept. of Psychiatry, Texas Tech Univ. HSC, Lubbock TX 79430
- 9:40 BINGE ALCOHOL EXPOSURE MODELS
Peter J. Syapin, Dept. of Pharmacology & Neuroscience, Texas Tech Univ. HSC, Lubbock TX 79430
- 10:00 ALCOHOL EXPOSURE USING THE INHALATION METHOD IN ADOLESCENTS AND ADULTS
Cindy L. Ehlers, Dept. of Molecular and Integrative Neurosciences, The Scripps Res. Inst., La Jolla CA 92037
- 10:20 BINGE ALCOHOL EXPOSURE USING SYSTEMIC INJECTIONS
John J. Callaci, Dept. of Orthopaedic Surgery, Loyola Univ. - Chicago, Maywood IL 60153
- 10:40 BINGE ALCOHOL EXPOSURE USING VOLUNTARY DRINKING
Richard L. Bell, Inst. of Psychiatric Res., Indiana Univ. School of Medicine, Indianapolis IN 46202
- 11:00 DISCUSSANT
Theodora Duka, School of Psychology, Univ. of Sussex, Brighton, East Sussex BN1 9QH UK

9:30am - 11:30am

SYMPOSIUM

LONE STAR F

ALCOHOL AND LUNG VIRAL INFECTIONS

Organizer/Chair: Todd A. Wyatt, Dept. of Internal Med., Univ. of Nebraska Med. Ctr., Omaha NE 68198

Chair: Elizabeth H. Kovacs, Dept. of Surgery, Loyola Univ. Medical Ctr., Maywood IL 60153

- 9:30 INTRODUCTION
Todd A. Wyatt, Dept. of Internal Med., Univ. of Nebraska Med. Ctr., Omaha NE 68198
- 9:40 RSV AND THE LUNG EXPOSED TO ETHANOL IN UTERO
Theresa W. Gauthier, Dept. of Pediatrics, Emory Univ. School of Med., Atlanta GA 30322
- 10:05 ETHANOL EXPOSURE IN UTERO DURING THE LAST TRIMESTER OF PREGNANCY ALTERS THE MATURATION AND IMMUNITY OF PERINATAL LUNG
Mark R. Ackermann, Dept. of Veterinary Pathology, Iowa State Univ., Ames IA 50010
- 10:30 ETHANOL CONSUMPTION ALTERS PULMONARY ADAPTIVE IMMUNITY AND INCREASES THE SEVERITY OF INFLUENZA A VIRUS INFECTIONS
Kevin L. Legge, Dept. of Pathology, Univ. of Iowa, Iowa City IA 52242
- 10:55 CHRONIC ALCOHOL CONSUMPTION AND SUSCEPTIBILITY TO RESPIRATORY SYNCYTIAL VIRUS AND CYTOMEGALOVIRUS INFECTION
Thomas R. Jerrells, Dept. of Pathology and Microbiology, Univ. of Nebraska Med. Ctr., Omaha NE 68198
- 11:20 OPEN DISCUSSION

RSA 2010 DAILY SCHEDULE

WEDNESDAY, JUNE 30

11:30am - 1:00pm	BOARD MEETING - closed International Society for Biomedical Research on Alcoholism (ISBRA)	PRESIDIO A
11:45am - 12:45pm	RSA 2011 PROGRAM COMMITTEE MEETING - closed	SEGUIN A-B
11:45am - 12:45pm	RSA EDUCATION COMMITTEE MEETING - closed	REPUBLIC A
1:00pm - 3:30pm	POSTER SESSION IV POSTER NUMBERS: 1-232 / ABSTRACTS NUMBERS - 699-930 three 45-minute periods and 15-minutes for final unmanned viewing (light refreshments)	TEXAS A-B-C
3:30pm-4:30pm	COGA STEERING COMMITTEE - closed	PRESIDIO B
3:30pm	FREE AFTERNOON	
7:00pm - midnight	RSA 2010 CLOSING CEREMONY AND AWARDS PRESENTATIONS <u>Ticket Required</u> Dinner/Presentations: 7:00pm followed by Entertainment AWARDS: RSA Young Investigator Award - Dr. Danielle Dick RSA Distinguished Researcher Award - Dr. Robert Zucker RSA Henri Begleiter Excellence in Research Award - Dr. Jan Hoek RSA Lifetime Achievement Award - Dr. Victor Hesselbrock RSA Seixas Award - to be announced RSA Journalism Award - Mr. Iain Gately Enoch Gordis Awards - to be announced	TEXAS D-E-F

RSA MEETING ADJOURNED