

# RSA 33<sup>RD</sup> ANNUAL SCIENTIFIC MEETING

## JUNE 26-30 – SAN ANTONIO, TEXAS

### RSA REGISTRATION DESK - HOURS

Saturday, June 26 == 1:00pm - 6:00pm\*      Tuesday, June 29 == 7:30am - 4:30pm  
Sunday, June 27 == 7:30am - 4:30pm      Wednesday, June 30 == 7:30am - 2:00pm  
Monday, June 28 == 7:30am - 4:30pm

\* to assist those who have not yet received their meeting packets/event tickets, the RSA Registrar will be located at the entrance of the Opening Reception (June 26)

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### RSA PROGRAM OUTLINE

#### FRIDAY, JUNE 25

5:00pm–10:00pm      RSA Board of Directors Meeting – closed

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#### SATURDAY, JUNE 26

7:30am-5:00pm      Fetal Alcohol Spectrum Disorder Study Group –  
Separate registration – see FASD link on the RSA Website

7:30am-6:00pm      Satellites:  
INTEGRATIVE NEUROSCIENCES INITIATIVE ON ALCOHOLISM (INIA) - STRESS - closed

8:00am–5:00pm      6th ANNUAL SATELLITE: EVOLVING STUDY OF BEHAVIORAL MECHANISMS  
OF CHANGE: IN AND OUTSIDE OF TREATMENT – open

8:30am-4:00pm      ADDRESSING THE ROLE OF ALCOHOL AND TREATMENT IN HIV TRANSMISSION  
AND PROGRESSION- open

8:30am-4:30pm      A SYSTEMS BIOLOGY APPROACH TO UNDERSTANDING THE EFFECTS OF ALCOHOL  
ON THE BRAIN - open

9:30am-4:00pm      ALCOHOL HANGOVER: A RESEARCH SYMPOSIUM AND CONSENSUS MEETING - open

1:00pm–4:00pm      PHARMACOLOGICAL TREATMENT OF ALCOHOL AND CO-OCCURRING PSYCHIATRIC  
DISORDERS: WHAT DO WE KNOW, AND WHERE DO WE GO FROM HERE? – open

1:00pm–5:00pm      CHARLES S. LIEBER – A LIFE DEDICATED TO RESEARCH ON ALCOHOLISM – ALCOHOLIC LIVER  
DISEASE: FROM PATHOPHYSIOLOGY TO THERAPY - open

9:00am–12noon      RSA Board of Directors Meeting – closed

1:00pm–6:00pm      RSA Registration Desk open

7:00pm-10:00pm      RSA Opening Reception – Ticket Required

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#### SUNDAY, JUNE 27

6:30am-8:30am      Continental Breakfast - Nametag Required

7:30am–4:30pm      RSA Registration Desk open

8:00am–8:15am      Official Opening:      Dr. Sara Jo Nixon - RSA President's Remarks

8:15am–8:30am      NIAAA Update:      Dr. Kenneth Warren, NIAAA Acting Director

# RSA PROGRAM OUTLINE

SUNDAY, JUNE 27 - cont'd

- 8:30am–9:30am Plenary Session I - Ting-Kai Li Lectureship  
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
- 9:30am–10:00am Coffee Break
- 10:00am–12noon Symposia Session I
- \*\*\* COLLABORATIVE INITIATIVE ON FETAL ALCOHOL SYNDROME: FROM microRNA TO BEHAVIOR Organizer/Chair: Michael Charness
- EXERCISING SOME CONTROL OVER HOW ALCOHOL AFFECTS THE BRAIN?  
Organizer/Chair: Brian Christie Chair: Kim Nixon
- ALCOHOL BINDING SITES: THE QUEST FOR ATOMIC LEVEL RESOLUTION  
Organizers/Chairs: Adron Harris and Jim Trudell
- \*\*\* GENETIC VARIATION IN THE MU-OPIOID RECEPTOR GENE AND ALCOHOLISM PHENOTYPES: FROM MOUSE TO MAN  
Organizer/Chair: Lara Ray Chair: Raymond Anton
- ETHANOL METABOLIC STRESS: MULTIPLE NEW PLAYERS  
Organizer/Chair: Shivendra Shukla Chair: Alan Cahill
- \*\*\* ALCOHOL AND ITS IMPACT ON SLEEP  
Organizer/Chair: Mahesh Thakkar
- ALCOHOL PRICE AND TAXATION POLICIES: EFFECTS ON DRINKING AND POPULATION HEALTH Organizer/Chair: Alexander Wagenaar
- HOW PROSPECTIVE RESEARCH SURPRISES US: SERENDIPITOUS FINDINGS ABOUT DEVELOPMENT AND CHANGE FROM FOUR LONG TERM LONGITUDINAL STUDIES  
Organizer/Chair: Robert Zucker
- 12:15pm–1:45pm Satellite:  
FETAL ALCOHOL CANADIAN EXPERTISE (FACE): UPDATE ON CANADIAN RESEARCH IN FETAL ALCOHOL SPECTRUM DISORDER
- 12:15pm-1:45pm Student Luncheon – organized by the RSA Education Committee  
Ticket Required – RSVP available on the meeting website
- 12:15pm–1:45pm *Alcoholism: Clinical and Experimental Research* -  
Editorial Board and Review Editors Meeting/Luncheon - closed
- 2:00pm-4:00pm Symposia Session II
- PROPOSED CHANGES FOR SUBSTANCE USE DISORDERS IN DSM-V  
Organizer/Chair: Kathleen Bucholz
- NEW DEVELOPMENTS IN UNDERSTANDING ALCOHOL-RELATED INTIMATE PARTNER VIOLENCE: EVIDENCE FROM 4 ONGOING INVESTIGATIONS  
Organizer/Chair: Robert Freeman Chair: Kenneth Leonard

\*\*\*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 PROGRAM OUTLINE

## SUNDAY, JUNE 27 - cont'd

2:00pm-4:00pm

Symposia Session II – Cont'd

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

Organizers/Chairs: Susumu Higuchi and Michie Hesselbrock

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

Organizer/Chair: Sara Jones                      Organizer: Donita Robinson

NOVEL METHODS TO ASSESS SOCIETAL-LEVEL CAUSES OF ALCOHOL DISORDERS ACROSS TIME AND PLACE              Organizer/Chair: Katherine Keyes

\*\*\*BIOLOGICAL SYSTEMS APPROACH TO UNDERSTANDING ALCOHOL-INDUCED TISSUE INJURY    Organizer/Chair: Patricia Molina              Chair: Joe Sisson

BIOLOGICAL UNDERPINNINGS OF SOCIAL ASPECTS OF ALCOHOL ABUSE

Organizer/Chair: Andrey Ryabinin              Chair: Kenneth Sher

4:00pm-6:30pm

Poster Session I – three 45-minute periods and 15-minutes for final unmanned viewing

6:15pm-7:30pm

Paper Session

ENOCH GORDIS AWARD FINALISTS – Students

Moderator – Donita Robinson

STRESS / TRAUMA AND DRINKING

Moderator – William Corbin

6:15pm-8:15pm

Evening Session I

IMPLICATION OF PURINERGIC SYSTEM IN ALCOHOL USE DISORDERS

Organizer/Chair: Doo-Sup Choi

INFLUENCE OF ETHANOL ABUSE ON AUTOPHAGY

Organizer/Chair: Angela Dolganiuc              Chair: Terrence Donohue

ASSESSMENT OF COMPREHENSIVE ALCOHOL SYSTEMS AT U.S. COLLEGES

Organizer/Chair: Traci Toomey

7:30pm-9:30pm

Post-Doc Dinner - organized by the RSA Education Committee –

Ticket Required – RSVP available on the meeting website

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## MONDAY, JUNE 28

6:30am-8:30am

Continental Breakfast - Nametag Required

7:30am-4:30pm

RSA Registration Desk open

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## RSA PROGRAM OUTLINE

### MONDAY, JUNE 28 - cont'd

2:00pm–4:00pm

Symposia Session IV – Cont'd

IMPULSIVITY AND ALCOHOL DRINKING  
Organizer/Chair: Suchitra Krishnan-Sarin

CHEMOKINES AND ALCOHOLIC TISSUE INJURY: PIVOTAL REGULATORS OF  
INFLAMMATORY PROCESSES  
Organizers/Chairs: Pranoti Mandrekar and Mashkooor Choudhry

POTENTIAL THERAPEUTIC TARGETS FOR THE TREATMENT OF ALCOHOLISM: A  
PERSPECTIVE FROM PRECLINICAL STUDIES  
Organizers/Chairs: Subhash Pandey and Antonio Noronha

EXTENDED-RELEASE NALTREXONE FOR ALCOHOL DEPENDENCE: FROM CLINICAL  
RESEARCH TO CLINICAL PRACTICE  
Organizer/Chair: Helen Pettinati                      Chair: Robert Swift

ADDICTION HEALTH SERVICES RESEARCH: INFORMING ORGANIZATION AND DELIVERY  
OF CARE AND COST ACROSS SYSTEMS  
Organizer/Chair: Constance Weisner

4:00pm–6:30pm

Poster Session II – three 45-minute periods and 15-minutes for final unmanned viewing

6:15pm–7:30pm

Paper Sessions

ENOCH GORDIS AWARD FINALISTS – Post-Docs  
Moderator – Sarah Pedersen

IMAGING  
Moderator – Edith Sullivan

GENDER AND ALCOHOL USE  
Moderator – Thomas Greenfield

NEUROBEHAVIORAL PLASTICITY  
Moderator – David Lovinger

INFLAMMATION AND INJURY  
Moderator – A. Leslie Morrow

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### TUESDAY, JUNE 29

6:30am-8:30am

Continental Breakfast - Nametag Required

7:30am–4:30pm

RSA Registration Desk open

8:00am-9:00am

Plenary Session III - RSA Young Investigator Awardee (2009)  
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

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## RSA PROGRAM OUTLINE

TUESDAY, JUNE 29 - cont'd

9:00am–9:30am

Coffee Break

9:30am–11:30am

Symposia Session V

FUNCTIONAL NEUROADAPTIVE EFFECTS OF REPEATED MODERATE ETHANOL EXPOSURE ON THE MESOLIMBIC DOPAMINE SYSTEM IN NON-DEPENDENT RODENTS

Organizer/Chair: Eric Engleman

Organizer: Sandra Morzorati

ALCOHOL MODULATION OF SYNAPTIC TRANSMISSION AND PLASTICITY IN EMOTIONAL NEURAL CIRCUITRY: WHY ALL THE WORRY?

Organizer/Chair: Thomas Kash

Chair: Marisa Roberto

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

Organizer/Chair: John Kramer

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

Organizer/Chair: Sherry Lipsky

REDUCING IMPAIRED DRIVER RECIDIVISM THROUGH INTERLOCK PROGRAMS

Organizer: Paul Marques

Chair: Mike Hilton

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

Organizer/Chair: Douglas Matthews

ADOPTING ALCOHOLISM PHARMACOTHERAPY IN CLINICAL PRACTICE: BARRIERS AND FACILITATORS

Organizer/Chair: Peter Miller

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

Organizers/Chairs: R.K. Rao and Laura Nagy

11:40am–12:20pm

RSA Business (Membership) Meeting - open to RSA members

12:30pm-1:50pm

NIAAA-Supported Research: A Grantsmanship Workshop

Organized by the RSA Education Committee – Everyone welcome

Ticket Required for Box Lunch – RSVP available on the meeting website

2:00pm-4:00pm

Symposia Session VI

ROUNDTABLE: ANIMAL RESEARCH ADVOCACY ROUNDTABLE

Organizer/Chair: Allyson Bennett

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

Organizer: Kari Buck

Chair: Rick Morrisett

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

Organizers/Chairs: Michie Hesselbrock and Peggy Murray

STUDYING MECHANISMS OF BEHAVIOR CHANGE THROUGH WITHIN TREATMENT OBSERVATIONS

Organizer/Chair: Barbara McCrady

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# RSA PROGRAM OUTLINE

## TUESDAY, JUNE 29 - cont'd

- 2:00pm-4:00pm                      Symposia Session VI – Cont'd
- PREDICTING RELAPSE AND TREATMENT OUTCOMES IN ALCOHOL USE DISORDERS: TIME FOR AN INTEGRATIVE BIOPSYCHOSOCIAL APPROACH  
   Organizers/Chairs: Deiter Meyerhoff and Timothy Durazzo
- ETHANOL, INFLAMMATION AND FIBROSIS: SHIFTING THE BALANCE FROM LIVER INJURY TO REPAIR  
   Organizers/Chairs: Michele Pritchard and Ian Hines
- TRAUMA AND POSTTRAUMATIC STRESS AND ITS ASSOCIATION WITH PROBLEM DRINKING IN COLLEGE: PREVALENCE, MECHANISMS, AND TREATMENT DIRECTIONS  
   Organizer/Chair: Jennifer Read
- \*\*\* NUTRIENT MODULATION OF FASD RISK: NOVEL STRATEGIES FOR PREVENTION AND TREATMENT  
   Organizers/Chairs: Susan Smith and Jennifer Thomas
- 4:00pm-6:30pm                      Poster Session III - three 45-minute periods and 15-minutes for final unmanned viewing
- 6:15pm-7:30pm                      Paper Sessions
- REINFORCEMENT / DRINKING  
   Moderator – Brian McCool
- GENETICS / EPIGENETICS  
   Moderator – Kent Hutchison
- NOVEL TREATMENT  
   Moderator – Stephen Boehm
- ALCOHOL DURING ADOLESCENT DEVELOPMENT: BASIC TO APPLIED RESEARCH  
   Moderator – Sandra Brown

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## WEDNESDAY, JUNE 30

- 6:30am-8:30am                      Continental Breakfast - Nametag Required
- 7:30am-2:00pm                      RSA Registration Desk open
- 8:00am-9:00am                      Plenary Session IV  
   *OPTOGENETICS: NEW DEVELOPMENTS, NEW APPLICATIONS*  
   Karl Deisseroth, M.D., Ph.D., Bioengineering and Psychiatry, Stanford University, Stanford, CA
- 9:00am -9:30am                      Coffee Break
- 9:30am-11:30am                      Symposia Session VII
- ADVANCING ALCOHOL TREATMENT OUTCOMES USING DAILY DATA COLLECTION APPROACHES: CURRENT APPLICATIONS, METHODOLOGICAL CONSIDERATIONS, AND FUTURE DIRECTIONS    Organizer/Chair: Amy Cohn

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# RSA PROGRAM OUTLINE

WEDNESDAY, JUNE 30 - cont'd

9:30am-11:30am

Symposia Session VII – Cont'd

CHALLENGES OF IMPLEMENTING ALCOHOL SCREENING AND BRIEF INTERVENTIONS  
IN HEALTH CARE, CRIMINAL JUSTICE AND INTERNET-BASED SETTINGS

Organizer/Chair: Colin Drummond      Organizer: Paolo Deluca

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

Organizer: Jessica Hunter      Chair: Robert Hitzemann

\*\*\*RISKY DECISION MAKING AND ALCOHOL USE DISORDERS: FINDINGS AT THE BEHAVIORAL,  
GENETIC AND NEURAL LEVELS OF ANALYSIS

Organizer/Chair: Lara Ray      Chair: David Jentsch

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

Organizer/Chair: Donita Robinson

NEW THOUGHTS ON AN OLD DESIRE: RECENT ADVANCES IN ANIMAL MODELS OF  
EtOH-SEEKING

Organizers/Chairs: Zachary Rodd and Patricia Janak

WORKSHOP: WHAT ARE THE DETERMINANTS FOR MODELING PERI-ADOLESCENT BINGE  
ALCOHOL EFFECTS IN ANIMALS?

Organizer/Chair: Peter Syapin      Chair: Gregory Schrimsher

ALCOHOL AND LUNG VIRAL INFECTIONS

Organizer/Chair: Todd Wyatt      Chair: Elizabeth Kovacs

11:30am-1:00pm

BOARD MEETING: International Society for Biomedical Research on Alcoholism (ISBRA)

11:45am-1:00pm

RSA 2011 Program Committee Meeting - closed

11:45am-1:00pm

RSA Education Committee Meeting - closed

1:00pm-3:30pm

Poster Session IV – three 45-minute periods and 15-minutes for final unmanned viewing

7:00pm-midnight

RSA Closing Ceremony and Awards Presentations – followed by Band/Dancing

RSA Young Investigator Award

RSA Distinguished Researcher Award

RSA Henri Begleiter Excellence in Research Award

RSA Lifetime Achievement Award

RSA Seixas Award

RSA Journalism Award

Enoch Gordis Awardees

RSA MEETING ADJOURNED

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