

# RSA 41ST ANNUAL SCIENTIFIC MEETING JUNE 16 - 20, 2018 ~~ SAN DIEGO, CALIFORNIA

## RSA REGISTRATION DESK - HOURS

Saturday, June 16 == 1:00pm - 6:00pm\*  
Sunday, June 17 == 7:30am - 5:15pm  
Monday, June 18 == 7:30am - 5:15pm

Tuesday, June 19 == 7:30am - 5:15pm  
Wednesday, June 20 == 7:30am - 1:00pm

\* 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 16)

\*\*\*\*\*

### FRIDAY, JUNE 15

5:00pm - 10:00pm RSA BOARD OF DIRECTORS MEETING - Closed COVE

\*\*\*\*\*

### SATURDAY, JUNE 16

7:15am - 5:00pm FETAL ALCOHOL SPECTRUM DISORDER - STUDY GROUP HARBOR HI

#### SATELLITE MEETINGS:

8:00am - 5:00pm Integrative Neurosciences Initiative on Alcoholism (INIA) - **NEUROIMMUNE** - closed MISSION BEACH AB

8:00am - 5:00pm Integrative Neurosciences Initiative on Alcoholism (INIA) - **STRESS** - closed SOLANA BEACH AB

8:00am - 5:00pm Integrating Alcohol Use Disorder Care in the Management of Alcoholic Hepatitis - open HARBOR F

8:30am - 4:00pm 14th Annual Mechanisms of Behavior Change: Transbehavioral Mechanisms and Processes of Change - open HARBOR B

8:30am - 4:00pm Empirical Awakening: 25 Years of NIH Funded Research Mutual-Help Programs' Effects, Cost-Effectiveness, and Mechanisms - open HARBOR E

9:00am - 2:00pm 10th Annual Charles Lieber Satellite: Alcohol, Cannabis Brain-Liver-Gut Link - open HARBOR C

9:00am - 5:00pm Calibrated Agent Simulations for Combined Analysis of Drinking Etiologies (CASCADE): 2<sup>nd</sup> Investigators' Conference - closed MISSION BEACH C

9:00am - 12noon RSA BOARD OF DIRECTORS MEETING - Closed COVE

1:00pm - 6:00pm RSA REGISTRATION DESK - Open GRAND HALL

1:00pm - 6:00pm Skill Blitz Workshop for Undergrads and Students - closed HARBOR C

7:00pm - 9:00pm RSA OPENING RECEPTION - LITE FARE HARBOR FOYER  
Ticket Required

\*\*\*\*\*

\*\*\*Indicates a Translational Session. 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.

## SUNDAY, JUNE 17

6:30am - 8:00am	CONTINENTAL BREAKFAST - Nametag Required	HARBOR FOYER
7:30am - 5:15pm	RSA REGISTRATION DESK - Open	GRAND HALL
8:00am - 8:05am	OFFICIAL OPENING Cristine Czachowski - RSA President's Remarks	GRAND HALL CD
8:05am - 8:45am	NIAAA UPDATE Dr. George Koob - NIAAA Director 30-minute talk, 10-minute Q&A	GRAND HALL CD
8:45am - 9:30am	PLENARY SESSION I - DR. TING-KAI LI LECTURESHIP	GRAND HALL CD

### THE MOLECULAR NEUROBIOLOGY AND HUMAN GENETICS OF SPECIFIC ADDICTIVE DISEASES: IMPLICATIONS FOR TREATMENTS

*Mary Jeanne Kreek, M.D.*, Patrick E. and Beatrice M Haggerty Professor, Head of the Laboratory of the Biology of Addictive Diseases, The Rockefeller University, Senior Physician, The Rockefeller University Hospital, New York, NY

Dr. Mary Jeanne Kreek is a graduate of Wellesley College and of the Columbia University College of Physicians & Surgeons. She is Professor and Head of the Laboratory of the Biology of Addictive Diseases at The Rockefeller University. Dr. Kreek went to The Rockefeller Institute in 1964 to join the late Professor Vincent P. Dole; at that same time, Dr. Dole was joined by the late Dr. Marie Nyswander. The team of three performed the initial studies of the potential use of a long-acting opioid agonist, methadone, in chronic management of heroin addiction. By molecular, cell biological, neurochemical, behavioral and basic clinical research and human genetics studies, she has documented the role of the endogenous opioid system in cocaine, alcohol, and heroin addiction, which has resulted in more than 400 scientific reports. Dr. Kreek received the AMERSA Betty Ford Award (1996), the ASAM R. Brinkley Smithers Distinguished Scientist Award (1999), the CPDD Nathan B. Eddy Memorial Award for Lifetime Excellence in Drug Abuse Research (1999), the Columbia University College of Physicians & Surgeons Alumni Association's Gold Medal for Lifetime Distinguished Achievements in Academic Medicine (2004), the CPDD Marian W. Fischman Award and Lecture (2005), the International Narcotics Research Conference Founder's Award (2005), Wellesley College Alumnae Achievement Award (2014) and the Lifetime Science Award by the National Institute on Drug Abuse. Dr. Kreek was conferred with honorary doctorates from Uppsala University, Sweden (2000), the University of Tel Aviv (2007), and the University of Bologna (2010).

9:30am - 10:00am	COFFEE BREAK	HARBOR FOYER
10:00am - 11:30am	SYMPOSIUM	HARBOR C

### THE CONTRIBUTION OF PERIPHERAL EFFECTORS IN THE DYSREGULATION OF NEURONAL PATHWAYS IN ADDICTION: FROM THE GUT-IMMUNE-BRAIN AXIS TO LIVER METABOLISM ORGANIZER: PHILIPP MEWS, ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, NEW YORK, NY, USA CHAIR: DREW KIRALY, ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, NEW YORK, NY, USA

10:00 AM	INTRODUCTION Drew Kiraly, Icahn School of Medicine at Mount Sinai, New York, NY, USA
10:05 AM	MANIPULATIONS OF THE GUT MICROBIOME AFFECT THE DEVELOPMENT AND PERSISTENCE OF ADDICTION-LIKE BEHAVIORS Drew Kiraly, Icahn School of Medicine at Mount Sinai, New York, NY, USA
10:23 AM	ACETYL-COA SYNTHETASE LINKS LIVER ALCOHOL METABOLISM TO DYNAMIC HISTONE ACETYLATION IN THE BRAIN Philipp Mews, Icahn School of Medicine at Mount Sinai, New York, NY, USA
10:41 AM	GENE-MICROBIOME INTERACTIONS IN DRUG ABUSE-RELATED BEHAVIORS Oskana Polesskaya, UCSD and EMBL - EBI, San Diego, CA, USA
10:59 AM	GRANULOCYTE-COLONY STIMULATING FACTOR CONTROLS NEURAL AND BEHAVIORAL PLASTICITY IN RESPONSE TO COCAINE Erin Calipari, Vanderbilt University School of Medicine, Nashville, TN, USA
11:17 AM	DISCUSSANT/QUESTION MODERATOR Lorenzo Leggio, NIAAA and NIDA, Bethesda, MD, USA

## SUNDAY, JUNE 17

10:00am - 11:30am

SYMPOSIUM

HARBOR E

**SEX-DEPENDENT ALCOHOL ASSOCIATED COMORBID  
ORGANIZER/CHAIR: LIZ SIMON, LOUISIANA STATE UNIVERSITY HSC, NEW ORLEANS, LA, USA**

- 10:00 AM INTRODUCTION  
**James Watt**, *Louisiana State University Health Sciences Center, New Orleans, LA, USA*
- 10:05 AM OVARIAN HORMONES EXACERBATE THE CARDIOTOXIC EFFECT OF ALCOHOL: ROLE OF ESTROGEN REGULATION OF ALCOHOL METABOLISM  
**Abdel Abdel-Rahman**, *East Carolina University School of Medicine, Greenville, NC, USA*
- 10:23 AM EPISODIC ALCOHOL EXPOSURE ACCELERATES OVARECTOMY-INDUCED BONE LOSS AND IMPAIRS FRACTURE HEALING IN RODENTS  
**John Callaci**, *Loyola University Chicago, Health Sciences Campus, Maywood, IL, USA*
- 10:41 AM SEX-DEPENDENT DIFFERENCES IN REGULATING SKELETAL MUSCLE PROTEIN BALANCE AFTER LONG-TERM, BUT NOT ACUTE, ETHANOL CONSUMPTION  
**Charles Lang**, *Penn State College Medicine, Hershey, PA, USA*
- 10:59 AM SEXUAL DIMORPHISM IN ALCOHOL INDUCED ADIPOSE INFLAMMATION RELATES TO LIVER INJURY  
**Melissa Fulham**, *University of Massachusetts Medical School, Worcester, MA, USA*
- 11:17 AM DISCUSSANT/QUESTION MODERATOR  
**Martin Ronis**, *Louisiana State University Health Sciences Center, New Orleans, LA, USA*

10:00am - 11:30am

SYMPOSIUM

HARBOR G

**\*\*\*TRANSLATIONAL GENETICS OF ALCOHOL USE DISORDERS: MULTIDISCIPLINARY  
APPROACHES TO IDENTIFYING NOVEL THERAPEUTIC TARGETS  
ORGANIZERS/CHAIRS: AMANDA BARKLEY-LEVENSON, UNIVERSITY OF CALIFORNIA SAN DIEGO, SAN DIEGO, CA, USA  
AND ABRAHAM PALMER, UNIVERSITY OF CALIFORNIA, SAN DIEGO, CA, USA**

- 10:00 AM INTRODUCTION  
**Amanda Barkley-Levenson**, *University of California San Diego, San Diego, CA, USA*
- 10:05 AM BIOINFORMATICS ANALYSIS OF AMYGDALA GENE EXPRESSION IDENTIFIES A TARGET FOR REDUCING ETHANOL DRINKING AND ANXIETY-RELATED BEHAVIORS  
**Patrick Mulholland**, *Medical University of South Carolina, Charleston, SC, USA*
- 10:23 AM EVALUATION OF GLYOXALASE 1 AS A NOVEL THERAPEUTIC TARGET FOR EXCESSIVE ETHANOL CONSUMPTION AND COMORBID DISORDERS  
**Amanda Barkley-Levenson**, *University of California San Diego, San Diego, CA, USA*
- 10:41 AM TRANSLATING MODEL ORGANISM GENE NETWORKS TO THERAPEUTIC TARGETS FOR ALCOHOL USE DISORDER  
**Michael Miles**, *Virginia Commonwealth University, Richmond, VA, USA*
- 10:59 AM IDENTIFYING GENES FOR EXTERNALIZATION, TOWARDS TARGETED INTERVENTION  
**David Goldman**, *NIAAA, Rockville, MD, USA*
- 11:17 AM DISCUSSANT/QUESTION MODERATOR  
**Abraham Palmer**, *University of California San Diego, San Diego, CA, USA*

## SUNDAY, JUNE 17

10:00am - 11:30am

SYMPOSIUM

HARBOR H

**\*\*\*PREDICTING OUTCOMES OF FETAL ALCOHOL EXPOSURE IN THE CIFASD COHORT**  
**ORGANIZER/CHAIR: MICHAEL CHARNESS, VA BOSTON HEALTHCARE SYSTEM/HARVARD MEDICAL SCHOOL/BOSTON UNIV. SCHOOL OF MEDICINE, WEST ROXBURY, MA, USA**  
**CHAIR: EDWARD RILEY, SAN DIEGO STATE UNIVERSITY, SAN DIEGO, CA, USA**

- 10:00 AM INTRODUCTION  
*Michael Charness, VA Boston Healthcare System/Harvard Medical School/Boston University School of Medicine, West Roxbury, MA, USA*
- 10:05 AM PRENATAL ETHANOL EXPOSURE INDUCES A “TRANSIENT CILIOPATHY”: A NOVEL MECHANISM FOR ETHANOL’S PATHOGENESIS  
*Scott Parnell, University of North Carolina, Chapel Hill, NC, USA*
- 10:23 AM USING 3D FACIAL ANALYSIS TO IDENTIFY MINOR FACIAL ANOMALIES AND ETHNIC DIFFERENCES IN EFFECTS OF PRENATAL ALCOHOL EXPOSURE  
*Michael Suttie, University of Oxford, Oxford, United Kingdom*
- 10:41 AM ALCOHOL INTAKE AND IMMUNE FUNCTION: ASSOCIATIONS BETWEEN MATERNAL IMMUNE NETWORKS AND CHILD NEURODEVELOPMENTAL OUTCOME  
*Joanne Weinberg, University of British Columbia, Vancouver, BC, Canada*
- 10:59 AM A GROWTH MODELING APPROACH TO PREDICTING FUTURE NEURODEVELOPMENTAL PERFORMANCE IN INFANTS WITH PRENATAL ALCOHOL EXPOSURE  
*Christina Chambers, University of California San Diego, La Jolla, CA, USA*
- 11:17 AM DISCUSSANT/QUESTION MODERATOR  
*Edward Riley, San Diego State University, San Diego, CA USA*

10:00am - 11:30am

SYMPOSIUM

HARBOR F

**THE DEVELOPMENT OF HEAVY DRINKING IN AFRICAN AMERICANS: UNDERSTUDIED RISK AND PROTECTIVE FACTORS**  
**ORGANIZER: ANGELA HAENY, UNIVERSITY OF MISSOURI, COLUMBIA, MO, USA**  
**CHAIR: CAROLYN SARTOR, YALE UNIVERSITY SCHOOL OF MEDICINE, NEW HAVEN, CT, USA**

- 10:00 AM INTRODUCTION  
*Karen Chartier, Virginia Commonwealth University, Richmond, VA, USA*
- 10:05 AM THE ASSOCIATION OF RACIAL AND SOCIOECONOMIC DISCRIMINATION WITH TWO STAGES OF ALCOHOL USE IN AFRICAN AMERICAN YOUTH  
*Angela Haeny, University of Missouri, Columbia, MO, USA*
- 10:23 AM DOES RACIAL IDENTITY BUFFER THE EFFECT OF DISCRIMINATION ON HEAVY ALCOHOL USE IN AFRICAN AMERICANS? VARIATIONS IN PROTECTION BY IDENTITY TYPE  
*Devin Banks, Indiana University-Purdue University Indianapolis, Indianapolis, IN, USA*
- 10:41 AM TRAUMA, SOCIOECONOMIC STATUS, AND FREQUENCY OF ALCOHOL USE IN AFRICAN AMERICAN ADULTS: A POLYGENIC RISK SCORE X ENVIRONMENT STUDY  
*Jacquelyn Meyers, State University of New York, Downstate Medical Center, Brooklyn, NY, USA*
- 10:59 AM EDUCATIONAL EXPERIENCES AND ATTAINMENT IN PATHWAYS TO HEAVY DRINKING AMONG AFRICAN AMERICANS: A LONGITUDINAL STUDY FROM ADOLESCENCE TO MIDLIFE  
*Nina Mulia, Alcohol Research Group, Emeryville, CA, USA*
- 11:17 AM DISCUSSANT/QUESTION MODERATOR  
*Tamika Zapolski, Indiana University Purdue University-Indianapolis, Indianapolis, IN, USA*

## SUNDAY, JUNE 17

10:00am - 11:30am

SYMPOSIUM

HARBOR B

**NEW DIRECTIONS IN THE DIAGNOSIS OF ALCOHOL AND SUBSTANCE USE DISORDERS**  
**ORGANIZER: LAURA KWAKO, NIAAA/NIH, BETHESDA, MD, USA**  
**ORGANIZER/CHAIR: CHRIS MARTIN, UNIVERSITY OF PITTSBURGH, PITTSBURGH, PA, USA**  
**CHAIR: KENNETH SHER, UNIVERSITY OF MISSOURI, COLUMBIA, MO, USA**

- 10:00 AM INTRODUCTION  
*Christopher Martin, University of Pittsburgh, Pittsburgh, PA, USA*
- 10:05 AM STATISTICAL OPTIMIZATION OF ALCOHOL USE DISORDER DIAGNOSIS THROUGH PERMUTATIONS  
*Jordan Stevens, University of Missouri-Columbia, Columbia, MO, USA*
- 10:23 AM USING NETWORK MODELS TO STUDY ALCOHOL AND SUBSTANCE USE DISORDERS  
*Michaela Hoffman, Medical University of South Carolina, Charleston, SC, USA*
- 10:41 AM SUBSTANCE USE DISORDERS IN A HIERARCHICAL TAXONOMY OF PSYCHOPATHOLOGY  
*Thomas Widiger, University of Kentucky, Lexington, KY, USA*
- 10:59 AM ADDICTIONS NEUROCLINICAL ASSESSMENT: INITIAL VALIDATION AND NEXT STEPS  
*Laura Kwako, NIAAA/NIH, Bethesda, MD, USA*
- 11:17 AM DISCUSSANT/QUESTION MODERATOR  
*Kenneth Sher, University of Missouri, Columbia, MO, USA*

10:00am - 11:30am

SYMPOSIUM

HARBOR I

**NOVEL WAYS TO TARGET ADOLESCENT ALCOHOL AND CANNABIS USE: PROMISING NEW FINDINGS FROM BEHAVIORAL, COGNITIVE, AND PHARMACOLOGICAL INTERVENTION APPROACHES**  
**ORGANIZERS/CHAIRS: LINDSAY SQUEGLIA, MEDICAL UNIVERSITY OF SOUTH CAROLINA, CHARLESTON, SC, USA AND MARGOT PEETERS, UTRECHT UNIVERSITY, UTRECHT, THE NETHERLANDS**

- 10:00 AM INTRODUCTION  
*Lindsay Squeglia, Medical University of South Carolina, Charleston, SC, USA*
- 10:05 AM TRAJECTORIES OF ALCOHOL AND CANNABIS USE FROM EARLY TO LATE ADOLESCENCE AND IMPORTANT DETERMINANTS FOR INTERVENTION PURPOSES  
*Margot Peeters, Utrecht University, Utrecht, The Netherlands*
- 10:23 AM VIEWING ADOLESCENT ADDICTION TREATMENT RESPONSE VIA THE BRAIN  
*Sarah Feldstein Ewing, Oregon Health & Science University, Portland, OR, USA*
- 10:41 AM THE EFFECT OF COGNITIVE BIAS MODIFICATION ON ADOLESCENT CANNABIS AND ALCOHOL USE: A MULTISITE INVESTIGATION  
*Lindsay Squeglia, Medical University of South Carolina, Charleston, SC, USA*
- 10:59 AM EFFECTS OF TOPIRAMATE ON CANNABIS USE AMONG ADOLESCENTS AND YOUNG ADULTS IN A RANDOMIZED CONTROLLED CLINICAL TRIAL TARGETING ALCOHOL MISUSE  
*Hayley Treloar Padovano, Brown University, Providence, RI, USA*
- 11:17 AM DISCUSSANT/QUESTION MODERATOR  
*Susan Tapert, University of California San Diego, La Jolla, CA, USA*

## SUNDAY, JUNE 17

10:00am - 11:30am

ROUNDTABLE

HARBOR D

**\*\*\*ALCOHOL AND HEALTH: ESSENTIAL KNOWLEDGE FOR HEALTH PROFESSIONALS**  
**ORGANIZER/CHAIR: MARGARET MURRAY, NIAAA/NIH, ROCKVILLE, MD, USA**  
**ORGANIZER: JOAN ROMAINE, NIAAA/NIH, BETHESDA, MD, USA**

10:00 AM INTRODUCTION

*Margaret Murray, NIAAA/NIH, Rockville, MD, USA*

10:05 AM PANELISTS:

ALCOHOL USE ACROSS THE LIFESPAN AND CONTINUUM OF USE: ESSENTIAL NURSING CURRICULUM CONTENT ON PREVENTION AND TREATMENT OF ALCOHOL-ASSOCIATED ADVERSE OUTCOMES

*Christine L. Savage, Johns Hopkins University School of Nursing, Baltimore, MD, USA*

ESSENTIAL KNOWLEDGE ABOUT ALCOHOL AND ADDICTIVE DISORDERS FOR SOCIAL WORK PRACTICE

*Lena Lundgren, University of Denver, Denver, CO, USA*

CORE CURRICULUM CONTENT IN MEDICAL EDUCATION

*Jeffrey Samet, Boston University School of Medicine, Boston, MA, USA*

WHAT PHARMACISTS NEED TO KNOW ABOUT ALCOHOL USE DISORDERS

*Carlton Erickson, University of Texas, Austin, TX, USA*

PREPARING CLINICAL PSYCHOLOGISTS FOR THE REAL WORLD: ESSENTIAL KNOWLEDGE ABOUT ALCOHOL

*Jaime Diaz-Granados, Baylor University, Waco, TX, USA and American Psychological Association*

FILLING THE GAPS IN PSYCHIATRY EDUCATION ABOUT ALCOHOL: WHAT ALL PSYCHIATRISTS NEED TO KNOW

*David Beckert, Medical University of South Carolina, Charleston, SC, USA*

11:05 AM OPEN DISCUSSION

*Margaret Murray, NIAAA/NIH, Rockville, MD, USA*

11:40am - 1:10pm

**SOCIAL WORKERS LUNCH - Closed**

SOLANA BEACH A

Organized by the RSA Social Work Planning Committee

11:40am - 1:10pm

**RSA SPONSORED STUDENT LUNCH - Ticket Required**

HARBOR A

Organized by the RSA Education Committee

Sub-Committee Chair: J. Leigh Leasure

1:20pm - 2:50pm

SYMPOSIUM

HARBOR B

**COMORBIDITIES PROMOTING EXCESSIVE ALCOHOL DRINKING**

**ORGANIZER/CHAIR: ELIZABETH FUCICH, LOUISIANA STATE UNIVERSITY HSC, NEW ORLEANS, LA, USA**

**ORGANIZER: PATRICIA MOLINA, LOUISIANA STATE UNIVERSITY HSC, NEW ORLEANS, LA, USA**

**CHAIR: AMANDA PAHNG, LOUISIANA STATE UNIVERSITY HSC, NEW ORLEANS, LA, USA**

1:20 PM INTRODUCTION

*Amanda Pahng, Louisiana State University HSC, New Orleans, LA, USA*

1:25 PM EARLY LIFE ALCOHOL EXPOSURE PROGRAMS THE NEUROENDOCRINE-IMMUNE SYSTEM TO PROMOTE STRESS HYPERRESPONSIVENESS AND ALCOHOL ABUSE IN ADULTHOOD

*Dipak Sarkar, Rutgers, State University of New Jersey, New Brunswick, NJ, USA*

1:43 PM DYSREGULATED ENDOCANNABINOID SIGNALING IN THE CENTRAL AMYGDALA: INFLUENCE OF CHRONIC ALCOHOL EXPOSURE VERSUS PREMORBID VULNERABILITY.

*Luis Natividad, The Scripps Research Institute, La Jolla, CA, USA*

2:01 PM NEUROBIOLOGICAL UNDERPINNINGS OF ESCALATED ALCOHOL DRINKING AFTER TRAUMATIC BRAIN INJURY

*Elizabeth Fucich, Louisiana State University HSC, New Orleans, LA, USA*

2:19 PM CENTRAL REINFORCEMENT CENTER CORRELATES OF PAIN AVOIDANCE BEHAVIOR IN OPIOID VS. ALCOHOL DEPENDENCE

*Scott Edwards, Louisiana State University HSC, New Orleans, LA, USA*

2:37 PM DISCUSSANT/QUESTION MODERATOR

*Soundararajan Regunathan, NIAAA/NIH, Bethesda, MD, USA*

## SUNDAY, JUNE 17

1:20pm - 2:50pm

SYMPOSIUM

HARBOR D

### NEURO AND BEHAVIORAL ECONOMIC APPROACHES FOR UNDERSTANDING ALCOHOL MISUSE ORGANIZER/CHAIR: SAMUEL ACUFF, THE UNIVERSITY OF MEMPHIS, MEMPHIS, TN, USA

- 1:20 PM INTRODUCTION  
**Samuel Acuff**, *The University of Memphis, Memphis, TN, USA*
- 1:25 PM EXPERIMENTALLY MANIPULATING BEHAVIORAL ECONOMIC ALCOHOL DEMAND: A META-ANALYSIS  
**Samuel Acuff**, *The University of Memphis, Memphis, TN, USA*
- 1:43 PM BEHAVIORAL ECONOMIC ANALYSIS OF ALCOHOL AND CANNABIS CO-USE  
**Michael Amlung**, *McMaster University, Hamilton, ON, CANADA*
- 2:01 PM NEURAL CORRELATES OF INTERTEMPORAL CHOICE AMONG SOCIAL DRINKERS AND ADULTS WITH ALCOHOL USE DISORDER  
**Mikhail Koffarnus**, *Virginia Tech Carilion Research Institute, Roanoke, VA, USA*
- 2:19 PM AUD SYMPTOMS ARE ASSOCIATED WITH CHRONIC DEFICITS IN ENVIRONMENTAL REWARD AMONG EMERGING ADULT HEAVY DRINKERS  
**James Murphy**, *University of Memphis, Memphis, TN, USA*
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
**Warren Bickel**, *Virginia Tech Carilion Research Institute, Roanoke, VA, USA*

1:20pm - 2:50pm

SYMPOSIUM

HARBOR F

### ADDRESSING ALCOHOL USE DISORDER WITH CONTEMPORARY TECHNOLOGY: LEVERAGING SOCIAL NETWORK SITES FOR ASSESSMENT, PREVENTION, AND TREATMENT ORGANIZER/CHAIR: BRANDON BERGMAN, MASSACHUSETTS GENERAL HOSPITAL, BOSTON, MA, USA

- 1:20 PM INTRODUCTION  
**Brandon Bergman**, *Massachusetts General Hospital, Boston, MA, USA*
- 1:25 PM AUTOMATIC AOD RELAPSE PREDICTION USING SOCIAL MEDIA POST  
**Brenda Curtis**, *University of Pennsylvania, Philadelphia, PA, USA*
- 1:43 PM THE SOCIAL MINDFEED PROJECT: USING OBJECTIVE ASSESSMENT METHODS TO BETTER UNDERSTAND THE NATURE OF SOCIAL-MEDIA BASED PEER ALCOHOL INFLUENCE  
**Sarah Boyle**, *Loyola Marymount University, Los Angeles, CA, USA*
- 2:01 PM LEVERAGING SOCIAL MEDIA AND GAMIFICATION TO INCREASE THE EFFICACY OF WEB-BASED, REMOTELY DELIVERED PERSONALIZED NORMATIVE FEEDBACK  
**Joseph LaBrie**, *Loyola Marymount University, Los Angeles, CA, USA*
- 2:19 PM IN CONTEXT: INVESTIGATING RECOVERY-RELATED USE OF ONLINE TECHNOLOGY IN A REPRESENTATIVE SAMPLE OF U.S. ADULTS  
**Brandon Bergman**, *Massachusetts General Hospital, Boston, MA, USA*
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
**Tammy Chung**, *University of Pittsburgh Medical Center, Pittsburgh, PA, USA*

## SUNDAY, JUNE 17

1:20pm - 2:50pm

SYMPOSIUM

HARBOR C

### A NEW ALCOHOL EPIDEMIC IN THE UNITED STATES? CURRENT POPULATION-LEVEL TRENDS IN ALCOHOL USE AND BINGE DRINKING, IMPLICATIONS FOR PUBLIC HEALTH ORGANIZER/CHAIR: KATHERINE KEYES, COLUMBIA UNIVERSITY, NEW YORK, NY, USA

- 1:20 PM INTRODUCTION  
*Katherine Keyes, Columbia University, New York, NY, USA*
- 1:25 PM VARYING TIME TRENDS IN U.S. BINGE DRINKING, ALCOHOL USE DISORDERS, AND OTHER ADVERSE OUTCOMES OF DRINKING  
*Deborah Hasin, Columbia University / NYSPI, New York, NY, USA*
- 1:43 PM DECLINES IN THE RELATIONSHIP BETWEEN ADOLESCENT DEPRESSIVE AFFECT AND BINGE DRINKING: IMPLICATIONS FOR PUBLIC MENTAL HEALTH  
*Katherine Keyes, Columbia University, New York, NY, USA*
- 2:01 PM TRENDS IN ALCOHOL VOLUME, BEVERAGE CHOICE AND HIGH INTENSITY DRINKING IN THE US NATIONAL ALCOHOL SURVEYS  
*William Kerr, Alcohol Research Group, Emeryville, CA, USA*
- 2:19 PM TRAJECTORIES OF NEIGHBORHOOD CHANGE AND ASSOCIATIONS WITH ALCOHOL USE AMONGST ADOLESCENT GIRLS  
*Christina Mair, University of Pittsburgh Graduate School of Public Health, Pittsburgh, PA, USA*
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
*Megan Patrick, University of Michigan, Ann Arbor, MI, USA*

1:20pm - 2:50pm

SYMPOSIUM

HARBOR I

### \*\*\*INTERDISCIPLINARY PERSPECTIVES ON PRENATAL ALCOHOL AND TOBACCO EXPOSURE, PARENTING AND OUTCOMES AMONG OFFSPRING ORGANIZERS/CHAIRS: KIMBERLY KAMPER-DEMARCO, RESEARCH INSTITUTE ON ADDICTIONS, BUFFALO, NY, USA AND JENNIFER FILLO, UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK, BUFFALO, NY, USA

- 1:20 PM INTRODUCTION  
*Kimberly Kamper-DeMarco, Research Institute on Addictions, Buffalo, NY, USA*
- 1:25 PM MATERNAL AND PATERNAL LINEAGE CONTRIBUTIONS TO TRANSGENERATIONAL EFFECTS OF PRENATAL ALCOHOL EXPOSURE  
*Daniel Popoola, University of Buffalo, Buffalo, NY, USA*
- 1:43 PM MATERNAL PRENATAL AND POSTNATAL ALCOHOL USE, DYREGULATION, AND DISCIPLINE PRACTICES  
*Stephanie Godleski, Rochester Institute of Technology, Rochester, NY, USA*
- 2:01 PM MATERNAL CHARACTERISTICS ASSOCIATED WITH PRENATAL EXPOSURE TO TOBACCO IN A TREATMENT-SEEKING POPULATION  
*Jennifer Fillo, University at Buffalo, The State University of New York, Buffalo, NY, USA*
- 2:19 PM FINDINGS FROM THE 6-MONTH POST-INTERVENTION FOLLOW-UP ASSESSMENT OF THE FAMILIES ON TRACK INTERVENTION FOR CHILDREN WITH FASD AND THEIR FAMILIES  
*Christie Petrenko, Mt. Hope Family Center, University of Rochester, Rochester, NY, USA*
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
*Claire Coles, Emory University School of Medicine, Atlanta, GA, USA*



## SUNDAY, JUNE 17

1:20pm - 2:50pm

SYMPOSIUM

HARBOR G

**\*\*\*INTEGRATION OF GENETICS AND GENOMICS TO IDENTIFY NOVEL MECHANISMS UNDERLYING ALCOHOL USE DISORDERS  
ORGANIZERS/CHAIRS: R. DAYNE MAYFIELD, WAGGONER CENTER FOR ALOCHOL & ADDICTION, AUSTIN, TX, USA AND  
HOWARD EDENBERG, INDIANA UNIVERSITY SCHOOL OF MEDICINE, INDIANAPOLIS, IN, USA**

- 1:20 PM INTRODUCTION  
**Howard Edenberg, Indiana University School of Medicine, Indianapolis, IN, USA**
- 1:25 PM GENOMIC IDENTIFICATION OF CELL-TYPES AND POTENTIAL THERAPIES FOR ALCOHOL USE DISORDER  
**Emma Erickson, University of Texas at Austin, Austin, Tx, USA**
- 1:43 PM ANALYSIS OF WHOLE GENOME-TRANSCRIPTOMIC ORGANIZATION IN BRAIN TO IDENTIFY GENES ASSOCIATED WITH ALCOHOLISM  
**Manav Kapoor, ICAHN School of Medicine at Mt Sinai, New York, NY, USA**
- 2:01 PM ALCOHOL DEPENDENCE ASSOCIATED ALLELE SPECIFIC EXPRESSION AND REGULATION IN HUMAN BRAIN TISSUE  
**Yunlong Liu, Indiana School of Medicine, Department of Medical & Molecular Genetics, Indianapolis, IN, USA**
- 2:19 PM MULTI 'OMICS INTEGRATION AND NEUROBIOLOGICAL SIGNATURES OF ALCOHOL USE DISORDER  
**Laura Bierut, Washington University School of Medicine, Saint Louis, MO, USA**
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
**Hemin Chin, NIAAA, Bethesda, MD, USA**

1:20pm - 2:50pm

ROUNDTABLE

HARBOR H

**\*\*\*CLINICAL TRIAL DESIGN FOR ALCOHOLIC HEPATITIS: RECENT CLINICAL  
EXPERIENCE AND INSIGHTS FROM TRIALS IN ALCOHOL USE DISORDER  
ORGANIZERS/CHAIRS: LAURA NAGY, CLEVELAND CLINIC FOUNDATION, CLEVELAND, OH, USA  
AND SUTHAT LIANGPUNSAKUL, INDIANA UNIVERSITY, INDIANAPOLIS, IN, USA**

- 1:20 PM INTRODUCTION  
**Laura Nagy, Cleveland Clinic Foundation, Cleveland, OH, USA**
- 1:25 PM **PANELISTS:**  
CLINICAL TRIAL DESIGN IN ALCOHOLIC HEPATITIS  
**Mack Mitchell, U.T. Southwestern Medical Center**  
INSIGHTS FROM THE TREAT CONSORTIUM IN PATIENT RECRUITMENT AND RETENTION IN CLINICAL TRIALS FOR ALCOHOLIC HEPATITIS  
**Suthat Liangpunsakul, Indiana University, Indianapolis, IN, USA**  
INSIGHTS FROM THE DESIGN AND IMPLEMENTATION OF MEDICATIONS DEVELOPMENT TRIALS FOR ALCOHOL USE DISORDER (AUD) (610)  
**Raymond Anton, Medical University of South Carolina, Charleston, SC, USA**  
CHALLENGES OF LIVER TRANSPLANTATION IN PATIENTS WITH ALCOHOLIC HEPATITIS  
**Andrew Cameron, Johns Hopkins Medical School, Baltimore, MD, USA**  
HOW TO ASSESS ALCOHOL CONSUMPTION/BIOMARKERS OF DRINKING IN CLINICAL TRIALS FOR ALCOHOLIC HEPATITIS  
**Scott Stewart, University at Buffalo, Buffalo, NY, USA**
- 2:25 PM OPEN DISCUSSION  
**Suthat Liangpunsakul, Indiana University, Indianapolis, IN, USA**

## SUNDAY, JUNE 17

1:20pm - 2:50pm

ROUNDTABLE

HARBOR E

### \*\*\*PUBLISHING ALCOHOL CLINICAL SCIENCE

ORGANIZER/CHAIR: RICHARD SAITZ, BOSTON UNIVERSITY SCHOOL OF PUBLIC HEALTH, BOSTON, MA, USA

- 1:20 PM INTRODUCTION  
Richard Saitz, *Boston University School of Public Health, Boston MA, USA*
- 1:25 PM **PANELISTS:**  
CHOOSING THE RIGHT JOURNAL FOR YOUR PAPER (SHOULD I WORRY ABOUT IMPACT FACTOR? OPEN ACCESS?)  
Hannah Knudsen, *University of Kentucky, Lexington, KY, USA*  
PREPARING YOUR PAPER FOR SUBMISSION (HINT: FOLLOW THE INSTRUCTIONS!)  
William Stoops, *University of Kentucky, Lexington, KY, USA*  
REVISING YOUR PAPER (WHAT DOES "NOT ACCEPTABLE IN ITS PRESENT FORM" MEAN?)  
Jeffrey Samet, *Boston University School of Medicine, Boston, MA, USA*  
PREDATORY JOURNAL PUBLISHERS: HOW TO IDENTIFY AND AVOID THEM (AUTHOR BEWARE!)  
Henry Kranzler, *University of Pennsylvania, Philadelphia, PA, USA*  
CONFLICTS OF INTEREST, ETHICAL ISSUES, AND TIPS ON GETTING YOUR PAPER ACCEPTED AND PUBLISHED  
Richard Saitz, *Boston University School of Public Health, Boston, MA, USA*
- 2:25 PM OPEN DISCUSSION  
Richard Saitz, *Boston University School of Public Health, Boston, MA, USA*

2:50pm - 3:10pm

COFFEE BREAK

HARBOR FOYER

3:10pm - 4:40pm

GORDIS PAPER SESSION - STUDENTS

HARBOR D

- 3:10 PM MODERATOR  
Rebecca Gilbertson, *University of Minnesota, Duluth, MN, USA*
- 3:15 PM KAPPA-OPIOID RECEPTOR STIMULATION IN THE NUCLEUS ACCUMBENS AFFECTS PHARMACOLOGICALLY-RELEVANT ETHANOL DRINKING  
Andrew Gargiulo, *Drexel University College of Medicine, Philadelphia, PA USA*
- 3:29 PM A NOVEL PARADIGM USING THE 5-CHOICE SERIAL REACTION TIME TASK TO DEVELOP ETHANOL-INDUCED IMPULSIVITY  
Phillip Starski, *Mayo Clinic, Rochester, MN USA*
- 3:43 PM ENDOCRINE MIRNAS IN PREGNANT WOMEN, PREDICTIVE OF FASD INFANT OUTCOMES, CONTROL PLACENTAL TROPHOBLAST GROWTH, SURVIVAL, AND MATURATION  
Alexander Tseng, *Texas A&M Health Science Center, College Station, TX, USA*
- 3:57 PM PHYSICAL PAIN AS AN AVERSIVE STIMULUS: NEGATIVE REINFORCEMENT OF ALCOHOL AND OPIOID USE IN DAILY LIFE IN CHRONIC PAIN PATIENTS  
Ryan Carpenter, *Brown University, Providence, RI, USA*
- 4:11 PM A META-ANALYTIC REVIEW OF THE RELATION BETWEEN IMPULSIVITY-RELATED TRAITS AND FAMILY HISTORY OF ALCOHOLISM  
Angela Haeny, *University of Missouri, Columbia, MO, USA*
- 4:25 PM PHARMACOGENETIC EFFECTS OF NALTREXONE IN INDIVIDUALS OF EAST ASIAN DESCENT: NEUROIMAGING FINDINGS  
Aaron Lim, *University of California Los Angeles, Los Angeles, CA, USA*

## SUNDAY, JUNE 17

3:10pm - 4:40pm

SYMPOSIUM

HARBOR E

### DRINKING BUDDIES: NEUROBIOLOGY OF ALCOHOL USE AND CO-OCCURRING DISORDERS ORGANIZER/CHAIR: JIBRAN KHOKHAR, UNIVERSITY OF GUELPH, GUELPH, ONTARIO, CANADA

- 3:10 PM INTRODUCTION  
*Jibran Khokhar, University of Guelph, Guelph, Ontario, Canada*
- 3:15 PM EXCESSIVE ALCOHOL DRINKING DISRUPTS STRESS COPING THROUGH ALTERATIONS IN BNST DYNORPHIN.  
*Lara Hwa, University of North Carolina, Chapel Hill, NC, USA*
- 3:33 PM PROBING THE NEURAL CIRCUITS OF VULNERABILITY AND RESILIENCE TO ALCOHOL USE DISORDER AND COMORBID ANXIETY/STRESSOR-RELATED DISORDERS  
*Jeff Weiner, Wake Forest School of Medicine, Winston-Salem, NC, USA*
- 3:51 PM MODULATING VOLUNTARY ALCOHOL AND NICOTINE CO-CONSUMPTION IN MICE  
*Anna Lee, University of Minnesota, Minneapolis, MN, USA*
- 4:09 PM IMPAIRED BRAIN REWARD CIRCUITRY MAY UNDERLIE ALCOHOL DRINKING IN A RAT MODEL OF SCHIZOPHRENIA AND CO-OCCURRING ALCOHOL USE DISORDER.  
*Jibran Khokhar, University of Guelph, Guelph, Ontario, Canada*
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
*Anh Dzung Le, Center for Addiction & Mental Health, Toronto, Ontario, Canada*

3:10pm - 4:40pm

SYMPOSIUM

HARBOR C

### MECHANISTIC AND THERAPEUTIC INSIGHTS INTO ALCOHOL-INDUCED INFLAMMATION AND MULTI-ORGAN PATHOLOGY: NUTRITIONAL ASPECTS ORGANIZERS/CHAIRS: IRINA KIRPICH, UNIVERSITY OF LOUISVILLE, LOUISVILLE, KY, USA AND CRAIG MCCLAIN, UNIVERSITY OF LOUISVILLE, LOUISVILLE, KY, USA

- 3:10 PM INTRODUCTION  
*Craig McClain, University of Louisville, Louisville, KY, USA*
- 3:15 PM ENDOGENOUS INCREASE IN N3/N6 PUFA RATIO AND RESOLVIN D1 TREATMENT ATTENUATED LIVER INJURY INDUCED BY CHRONIC ALCOHOL ADMINISTRATION IN MICE  
*Irina Kirpich, University of Louisville, Louisville, KY, USA*
- 3:33 PM ETHANOL TREATMENT RESULTS IN SHORT TERM INFLAMMATION BUT LONG-TERM TOLERANCE IN LIVER BUT CHRONIC INFLAMMATION IN BONE: EFFECTS OF DIETARY ANTIOXIDANT  
*Martin Ronis, Louisiana State University Health Sciences Center, New Orleans, LA, USA*
- 3:51 PM SUPPRESSION OF PANETH CELL ALPHA-DEFENSINS MEDIATES ALCOHOL-INDUCED PATHOGENESIS AT THE GUT-LIVER AXIS IN MICE: ROLE OF ZINC DEFICIENCY  
*Wei Zhong, University of North Carolina at Greensboro, Kannapolis, NC, USA*
- 4:09 PM PROBIOTICS AND THEIR SOLUBLE FACTORS PREVENT AND MITIGATE ALCOHOLIC DISRUPTION OF GUT-LIVER-BRAIN AXIS BY AN EGF RECEPTOR-DEPENDENT MECHANISM  
*Radhakrishna Rao, University of Tennessee Health Science Center, Memphis, TN, USA*
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
*Samir Zakhari, Distilled Spirits Council (DISCUS), Washington, DC, USA*

## SUNDAY, JUNE 17

3:10pm - 4:40pm

SYMPOSIUM

HARBOR B

**\*\*\*BEHAVIOR UNDER CUE CONTROL: NEURAL PROCESSES AND IMPLICATIONS  
FOR ALCOHOL USE DISORDERS AND ADDICTION**

**ORGANIZERS/CHAIRS: JOYCE BESHEER, BOWLES CENTER FOR ALCOHOL STUDIES, CHAPEL HILL, NC, USA  
AND NADIA CHAUDHRI, CONCORDIA UNIVERSITY, MONTREAL, QUEBEC, CANADA**

- 3:10 PM INTRODUCTION  
*Joyce Besheer, Bowles Center for Alcohol Studies, Chapel Hill, NC, USA*
- 3:15 PM DRUGS AND CUES: WHAT GETS CONDITIONED?  
*Harriet De Wit, University of Chicago, Chicago, IL, USA*
- 3:33 PM INTERNAL DRUG STATES: A NICOTINE+ALCOHOL COMPOUND INTEROCEPTIVE DRUG CUE DRIVES REWARD SEEKING BEHAVIOR  
*Patrick Randall, Bowles Center for Alcohol Studies, Chapel Hill, NC, USA*
- 3:51 PM CONTEXT AS A CRITICAL CUE FOR ALCOHOL: STRIATAL AND AMYGDALA MECHANISMS  
*Nadia Chaudhri, Concordia University, Montreal, Quebec, Canada*
- 4:09 PM CONTEXT EFFECTS ON VOLUNTARY BEHAVIOR AND ITS INHIBITION  
*Mark Bouton, University of Vermont, Burlington, VA, USA*
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
*David Lovinger, NIAAA, Rockville, MD, USA*

3:10pm - 4:40pm

SYMPOSIUM

HARBOR H

**\*\*\*CROSS-SPECIES DATA INTEGRATION FOR CHARACTERIZATION, PREDICTION AND  
TREATMENT OF ALCOHOL USE DISORDERS**

**ORGANIZER/CHAIR: ELISSA CHESLER, THE JACKSON LABORATORY, BAR HARBOR, ME, USA**

- 3:10 PM INTRODUCTION  
*Elissa Chesler, The Jackson Laboratory, Bar Harbor, ME, USA*
- 3:15 PM FINDING CONVERGENT BEHAVIORAL FEATURES OF ALCOHOL USE DISORDER THROUGH FUNCTIONAL GENOMIC COMPARISON ACROSS SPECIES  
*Elissa Chesler, The Jackson Laboratory, Bar Harbor, ME, USA*
- 3:33 PM INTEGRATIVE PRIORITIZATION OF GENOMIC LOCI FOR ALCOHOL USE DISORDERS  
*Rohan Palmer, Emory University, Atlanta, GA, USA*
- 3:51 PM BRAIN TRANSCRIPTIONAL CHANGES IN THE MOUSE AND MACAQUE ASSOCIATED WITH EXCESSIVE ETHANOL CONSUMPTION  
*Robert Hitzemann, Oregon Health & Science University, Portland, OR, USA*
- 4:09 PM CONNECTING GENE NETWORKS TO DRUG DISCOVERY ACROSS SPECIES  
*R Adron Harris, Waggoner Center for Alcohol & Addiction Research, The University of Texas, Austin, TX, USA*
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
*Robert Messing, The University of Texas at Austin, Austin, TX, USA*

## SUNDAY, JUNE 17

3:10pm - 4:40pm

SYMPOSIUM

HARBOR I

**NEURAL CORRELATES OF EXECUTIVE FUNCTIONING IN HEAVY-DRINKING ADOLESCENTS AND YOUNG ADULTS: FINDINGS ACROSS NEUROIMAGING AND RECORDING STUDIES**  
**ORGANIZERS/CHAIRS: ANITA CSERVENKA, OREGON STATE UNIVERSITY, CORVALLIS, OR, USA AND TY BRUMBACK, NORTHERN KENTUCKY UNIVERSITY, HIGHLAND HEIGHTS, KY, USA**

- 3:10 PM INTRODUCTION  
*Anita Cservenka, Oregon State University, Corvallis, OR, USA*
- 3:15 PM NEURAL CORRELATES OF EMOTIONAL DISTRACTION DURING INHIBITORY CONTROL IN COLLEGE BINGE DRINKERS  
*Julia Cohen-Gilbert, McLean Hospital/Harvard Medical School, Belmont, MA, USA*
- 3:33 PM ELECTROPHYSIOLOGICAL CORRELATES OF PERFORMANCE MONITORING IN BINGE DRINKING: IMPAIRED ERROR-RELATED BUT PRESERVED FEEDBACK PROCESSING  
*Séverine Lannoy, Université catholique de Louvain, Neuve, Belgium*
- 3:51 PM CENTRAL EXECUTIVE NETWORK FUNCTIONAL CONNECTIVITY IS ASSOCIATED WITH ALCOHOL USE BEHAVIORS IN EMERGING ADULTHOOD  
*Laura Lesnewich, Rutgers, The State University of New Jersey, Piscataway, NJ, USA*
- 4:09 PM EXECUTIVE CONTROL NETWORK IN COLLEGE BINGE DRINKERS  
*Adriana Sampaio, Universidade do Minho, Braga, Portugal*
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
*Rosemary Fama, Stanford University, Stanford, CA, USA*

3:10pm - 4:40pm

SYMPOSIUM

HARBOR F

**ALCOHOL-INVOLVED SEXUAL ASSAULT: NOVEL PERSPECTIVES FROM LABORATORY STUDIES**  
**ORGANIZERS/CHAIRS: ANNA JAFFE, UNIVERSITY OF NEBRASKA-LINCOLN, LINCOLN, NE, USA AND CHRISTINE HAHN, MEDICAL UNIVERSITY OF SOUTH CAROLINA, CHARLESTON, SC, USA**

- 3:10 PM INTRODUCTION  
*Christine Hahn, Medical University of South Carolina, Charleston, SC, USA*
- 3:15 PM THE ROLES OF ALCOHOL, EMOTIONAL AROUSAL, AND EMOTION REGULATION ON MEN'S SELF-REPORTED SEXUAL ASSAULT PERPETRATION INTENTIONS  
*Elizabeth Neilson, University of Washington, Seattle, WA, USA*
- 3:33 PM ALCOHOL-RELATED SEXUAL ASSAULT: A CONTROLLED LABORATORY-BASED INVESTIGATION OF INTOXICATED BYSTANDERS  
*Lindsay Ham, University of Arkansas, Fayetteville, AR, USA*
- 3:51 PM PERITRAUMATIC ALCOHOL INTOXICATION AND INTRUSIVE MEMORIES OF A TRAUMA FILM: IMPLICATIONS FOR ALCOHOL-INVOLVED SEXUAL ASSAULT  
*Anna Jaffe, University of Nebraska-Lincoln, Lincoln, NE, USA*
- 4:09 PM REMEMBERING RAPE: THE EFFECTS OF ACUTE ALCOHOL INTOXICATION AND ALCOHOL EXPECTANCIES ON WOMEN'S MEMORY FOR FORENSIC INFORMATION IN RAPE SCENARIOS  
*Heather Flowe, University of Birmingham, Edgbaston, United Kingdom*
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
*Sarah Ullman, University of Illinois, Chicago, IL, USA*

## SUNDAY, JUNE 17

3:10pm - 4:40pm

ROUNDTABLE

HARBOR G

**\*\*\*WHAT IS EVIDENCE-BASED ALCOHOL TREATMENT AND HOW DO YOU FIND IT?**  
ORGANIZER: LORI DUCHARME, NIAAA, BETHESDA, MD, USA  
CHAIR: GEORGE KOOB, NIH/NIAAA, BETHESDA, MD, USA

3:10 PM INTRODUCTION  
George Koob, NIH/NIAAA, Bethesda, MD, USA

3:15 PM WHAT IS EVIDENCE-BASED ALCOHOL TREATMENT AND HOW DO YOU FIND IT?  
Lori Ducharme, NIAAA, Bethesda, MD, USA

4:00 PM OPEN DISCUSSION  
George Koob, NIH/NIAAA, Bethesda, MD, USA

4:50pm - 6:50pm

POSTER SESSION I

GRAND HALL AB

POSTER NUMBERS: 1-252 / ABSTRACT NUMBERS: 1-252  
Two 1-hour manning periods - ODD Number first hour; EVEN Number second hour  
(light refreshments)

7:30pm - 9:30pm

RSA SPONSORED POST-DOC DINNER

OFF-SITE

Organized by the RSA Education Committee  
Sub-Committee Co-Chairs: Florence Varodayan and Nick Gilpin  
Ticket Required - map available at the RSA Desk.

\*\*\*\*\*

## MONDAY, JUNE 18

6:30am - 8:00am

CONTINENTAL BREAKFAST - Nametag Required.

HARBOR FOYER

7:30am - 5:15pm

RSA REGISTRATION DESK - Open

GRAND HALL

8:00am - 8:45am

PLENARY SESSION II

GRAND HALL CD

**“VOICES OF RECOVERY” PANEL**  
Organizers: Alyssa Todaro Brooks (Moderator) and Carlton Erickson (Closing Comments)

The immeasurable societal repercussions of alcohol use disorder make it a major public health concern. During this session, you will hear the stories of 3 persons in recovery. Whether you are working on understanding the “cause” or the “cure” for addiction (or something in-between), this will provide an opportunity to hear about successful recovery and understand the day-to-day life of those who have it.

8:45am - 9:15am

COFFEE BREAK

HARBOR FOYER

## MONDAY, JUNE 18

9:15am - 10:45am

ROUNDTABLE

HARBOR C

**YOUNG SCIENTISTS FORUM ON ALCOHOL-INDUCED CELLULAR AND TISSUE DAMAGE**  
**ORGANIZERS/CHAIRS: GARY MURRAY, NIAAA, BETHESDA, MD, USA AND**  
**ELIZABETH KOVACS, UNIVERSITY OF COLORADO DENVER, DENVER, CO, USA**

- 9:15 AM INTRODUCTION  
Gary Murray, NIAAA, Bethesda, MD, USA
- 9:20 AM **PANELISTS:**  
ADDING ALCOHOL TO THE LUNG TRANSPLANT MIX: IMPACT ON ORGAN ALLOCATION, LUNG DONORS AND RECIPIENTS  
Erin Lowery, Loyola University Chicago, Maywood, IL, USA  
MOLECULAR MECHANISM OF GUT LEAKINESS AND INFLAMMATORY LIVER INJURY CAUSED BY BINGE ALCOHOL OR FRUCTOSE DRINKING  
Young Eun Cho, NIH/NIAAA, Rockville, MD, USA  
IMMUNOMODULATORY EFFECTS OF CHRONIC ALCOHOL EXPOSURE ON POST-TRANSLATIONAL MODIFICATIONS IN HUMAN MONOCYTE-DERIVED DENDRITIC CELLS  
Marisela Agudelo, Florida International University, Miami, FL, USA  
PATHOPHYSIOLOGY OF LIPID DROPLET PROTEINS IN LIVER DISEASES  
Rotonya Carr, University of Pennsylvania, Philadelphia, PA, USA  
CHRONIC DISEASE RISK AND GENETIC RISK FACTORS IN FETAL ALCOHOL SPECTRUM DISORDER  
Olivia Weeks, Harvard Medical School, Brigham and Women's Hospital, Boston, MA, USA
- 10:20 AM OPEN DISCUSSION  
Elizabeth Kovacs, University of Colorado Denver, Denver, CO, USA

9:15am - 10:45am

SYMPOSIUM

HARBOR I

**HIV AND ALCOHOL CO-MORBIDITIES: MULTI-ORGAN INJURY**  
**ORGANIZERS/CHAIRS: NATALIA OSNA, UNIVERSITY OF NEBRASKA MEDICAL CENTER, OMAHA, NE, USA**  
**AND KUSUM KHARBANDA, RESEARCH SERVICE VA NEBRASKA-WESTERN IOWA HSC, OMAHA, NE, USA**

- 9:15 AM INTRODUCTION  
Natalia Osna, University of Nebraska Medical Center, Omaha, NE, USA
- 9:20 AM BLOOD BRAIN BARRIER (BBB) INJURY IN ALCOHOL ABUSE, NEUROINFLAMMATION AND HIV-1 CNS INFECTION: MECHANISMS AND PROTECTIVE STRATEGIES  
Yuri Persidsky, Lewis Katz School of Medicine, Temple University, Philadelphia, PA, USA
- 9:38 AM HIV AND ALCOHOL INDUCE EXTRACELLULAR VESICLES RELEASE: CONTRIBUTION TO LIVER INFLAMMATION  
Murali Ganesan, University of Nebraska Medical Center and VAMC, Omaha, NE, USA
- 9:56 AM ALCOHOL-SIV/HIV-ART INTERACTIONS & RESULTING COMORBIDITIES  
Patricia Molina, Louisiana State University Health Sciences Center, New Orleans, LA, USA
- 10:14 AM ALCOHOL- AND HIV- INDUCED INTESTINAL PERMEABILITY: RELEVANCE TO IMMUNE DYSFUNCTION  
Smita Ghare, University of Louisville, Louisville, KY, USA
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
Shirish Barve, University of Louisville, Louisville, KY, USA

## MONDAY, JUNE 18

9:15am - 10:45am

SYMPOSIUM

HARBOR H

**\*\*\*MEDICATIONS TO TREAT ALCOHOL USE DISORDER (AUD): FROM COMPUTER TO BENCH TO BEDSIDE  
ORGANIZER/CHAIR: ROBERT MESSING, THE UNIVERSITY OF TEXAS AT AUSTIN, AUSTIN, TX, USA  
CHAIR: LORENZO LEGGIO, NIAAA/NIDA, BETHESDA, MD, USA**

- 9:15 AM INTRODUCTION  
**Robert Messing, The University of Texas at Austin, Austin, TX, USA**
- 9:20 AM USING TRANSCRIPTOMICS TO IDENTIFY CANDIDATE DRUGS FOR REPURPOSING TO TREAT AUD  
**Laura Ferguson, The University of Texas at Austin, Austin, TX, USA**
- 9:38 AM TWO BIRDS WITH ONE STONE: ALLOSTERIC MODULATORS OF NICOTINIC ACETYLCHOLINE RECEPTORS FOR THE TREATMENT OF AUD  
**Jingyi Wang, The University of Texas at Austin, Austin, TX, USA**
- 9:56 AM PRECLINICAL AND CLINICAL EVIDENCE OF GLUCOCORTICOID RECEPTOR ANTAGONISTS AS POTENTIAL NEW MEDICATIONS FOR ALCOHOL USE DISORDERS  
**Leandro Vendruscolo, NIDA - NIH, Baltimore, MD, USA**
- 10:14 AM MEDICATION DEVELOPMENT EFFORTS FOR ALCOHOL USE DISORDER VIA NOVEL GUT-BRAIN NEUROENDOCRINE PATHWAYS  
**Lorenzo Leggio, NIAAA and NIDA, Bethesda, MD, USA**
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
**Lara Ray, UCLA, Los Angeles CA, USA**

9:15am - 10:45am

SYMPOSIUM

HARBOR E

**EFFICACY OF SOCIAL NETWORK-BASED INTERVENTION APPROACHES FOR HAZARDOUS ALCOHOL USE AND PROBLEM BEHAVIOR: INNOVATIVE APPLICATIONS IN VARIED POPULATIONS  
ORGANIZER: GRAHAM DIGUISEPPI, BROWN UNIVERSITY, PROVIDENCE, RI, USA  
CHAIRS: NANCY BARNETT, BROWN UNIVERSITY SCHOOL OF PUBLIC HEALTH, PROVIDENCE, RI, USA AND  
MATTHEW MEISEL, BROWN UNIVERSITY SCHOOL OF PUBLIC HEALTH, PROVIDENCE, RI, USA**

- 9:15 AM INTRODUCTION  
**Graham DiGuseppi, Brown University, Providence, RI, USA**
- 9:15 AM ENLISTING PEER COOPERATION IN THE SERVICE OF ALCOHOL USE PREVENTION IN MIDDLE SCHOOL  
**Mark Van Ryzin, Oregon Research Institute, Eugene, OR, USA**
- 9:15 AM EXAMINING SPILLOVER EFFECTS OF A BRIEF MOTIVATIONAL INTERVENTION TO REDUCE ALCOHOL CONSUMPTION AND HARMS IN A SOCIOCENTRIC FIRST-YEAR COLLEGE STUDENT  
**Nancy Barnett, Brown University School of Public Health, Providence, RI, USA**
- 9:15 AM A MOTIVATIONAL INTERVIEWING SOCIAL NETWORK INTERVENTION TO REDUCE SUBSTANCE USE AMONG HOUSING FIRST RESIDENTS  
**David Kennedy, RAND Corporation, Santa Monica, CA, USA**
- 9:15 AM Mobilizing drug-free support and modifying social network ties using close network supports.  
**Michael Kidorf, Johns Hopkins University School of Medicine, Baltimore, MD, USA**
- 9:15 AM DISCUSSANT/QUESTION MODERATOR  
**John Kelly, Massachusetts General Hospital/Harvard Medical School, Boston, MA, USA**



## MONDAY, JUNE 18

9:15am - 10:45am

SYMPOSIUM

HARBOR F

HOW CAN DIVERSE POPULATIONS HELP US ELUCIDATE THE GENETIC CONTRIBUTIONS TO ALCOHOL AND DRUG RELATED PHENOTYPES?  
ORGANIZERS/CHAIRS: TATIANA FOROUD, INDIANA UNIVERSITY SCHOOL OF MEDICINE, INDIANAPOLIS, IN, USA  
AND DONGBING LAI, INDIANA UNIVERSITY SCHOOL OF MEDICINE, INDIANAPOLIS, IN, USA

- 9:15 AM INTRODUCTION  
*Arpana Agrawal, Washington University School of Medicine, Saint Louis, MO, USA*
- 9:20 AM EXAMINING GENETIC EFFECTS ON ALCOHOL AND DRUG RELATED PHENOTYPES IN THE COLLABORATIVE STUDY OF THE GENETICS OF ALCOHOLISM  
*Tatiana Foroud, Indiana University School of Medicine, Indianapolis, IN, USA*
- 9:38 AM POPULATION DIFFERENCES IN FINDINGS FROM GWASs OF ALCOHOL, OPIOID, COCAINE, CANNABIS, AND NICOTINE DEPENDENCE.  
*Henry Kranzler, University of Pennsylvania, Philadelphia, PA, USA*
- 9:56 AM LOW COVERAGE WHOLE GENOME SEQUENCING FOR ALCOHOL AND OTHER SUBSTANCE USE- RELATED PHENOTYPES IN AN AMERICAN INDIAN SAMPLE  
*Cindy Ehlers, The Scripps Research Institute, La Jolla, CA, USA*
- 10:14 AM GENETICS OF COMORBID ADDICTION, ANXIETY, AND DEPRESSION IN THE SAN ANTONIO FAMILY STUDY  
*Laura Almasy, University of Pennsylvania, Philadelphia, PA, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
*Dongbing Lai, Indiana University School of Medicine, Indianapolis, IN, USA*

9:15am - 10:45am

SYMPOSIUM

HARBOR D

USING TRANSLATIONAL SCIENCE TO DEVELOP TREATMENTS FOR WOMEN WITH ALCOHOL USE DISORDERS  
ORGANIZER/CHAIR: CATHRYN GLANTON HOLZHAUER, CENTRAL WESTERN MASSACHUSETTS VAMC & UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL, LEEDS, MA, USA

- 9:15 AM INTRODUCTION  
*Cathryn Glanton Holzhauser, Central Western Massachusetts VAMC & University of Massachusetts Medical School, Leeds, MA, USA*
- 9:20 AM HORMONAL AND NEURAL FACTORS UNDERLYING RISK FOR ALCOHOL ABUSE IN WOMEN  
*Jessica Weafer, University of Chicago, Chicago, IL, USA*
- 9:38 AM The Effect of Proximal Emotion Regulation Strategy Usage and Mood on the Association between Women's Sexual Assault Histories and Heavy Drinking  
*Cynthia Stappenbeck, University of Washington, Seattle, WA, USA*
- 9:56 AM EMOTION DYSREGULATION AS A THERAPEUTIC TARGET AMONG WOMEN VETERANS WITH ALCOHOL MISUSE  
*Cathryn Glanton Holzhauser, Central Western Massachusetts VAMC & University of Massachusetts Medical School, Leeds, MA, USA*
- 10:14 AM INDIVIDUAL VERSUS GROUP FEMALE-SPECIFIC COGNITIVE BEHAVIOR THERAPY FOR ALCOHOL USE DISORDER  
*Elizabeth Epstein, University of Massachusetts Medical School, Norwalk, CT, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
*Barbara McCrady, University of New Mexico, Albuquerque, NM, USA*

## MONDAY, JUNE 18

9:15am - 10:45am

SYMPOSIUM

HARBOR B

**SIMULTANEOUS ALCOHOL AND MARIJUANA USE AMONG ADOLESCENTS  
AND EMERGING ADULTS: FROM BRAIN TO BEHAVIOR**  
ORGANIZERS/CHAIRS: HELENE WHITE, RUTGERS UNIVERSITY, PISCATAWAY, NJ, USA  
AND MEGAN PATRICK, UNIVERSITY OF MICHIGAN, ANN ARBOR, MI, USA

- 9:15 AM INTRODUCTION  
*Helene White, Rutgers University, Piscataway, NJ, USA*
- 9:20 AM NEURAL HEALTH AND NEUROCOGNITION IN ADOLESCENT AND EMERGING ADULT ALCOHOL AND MARIJUANA USERS  
*Joanna Jacobus, University of California San Diego, San Diego, CA, USA*
- 9:38 AM PATTERNS, MOTIVATIONS, AND CONSEQUENCES OF ALCOHOL AND MARIJUANA USE: ARE THERE DIFFERENCES BETWEEN CONCURRENT AND SIMULTANEOUS USERS?  
*Kristina Jackson, Brown University School of Public Health, Providence, RI, USA*
- 9:56 AM SIMULTANEOUS ALCOHOL AND MARIJUANA USE WHILE PREGAMING: EXAMINING THE CO-OCCURRENCE IN ENTERING COLLEGE STUDENTS  
*Amie Haas, Palo Alto University, Palo Alto, CA, USA*
- 10:14 AM CROSS-FADING IN A DAILY STUDY OF ALCOHOL AND MARIJUANA USE IN EMERGING ADULTS: LINKS WITH LEVEL OF USE, INTOXICATION, AND CONTEXT  
*Christine Lee, University of Washington, Seattle, WA, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
*Rosalie Pacula, RAND Corporation, Santa Monica, CA, USA*

9:15am - 10:45am

SYMPOSIUM

HARBOR G

**\*\*\*IDENTIFYING PRENATAL ALCOHOL-AFFECTED INDIVIDUALS EARLY IN LIFE:  
THE USE OF NOVEL SCREENING TOOLS AND METHODOLOGIES IN HUMAN POPULATIONS**  
ORGANIZERS/CHAIRS: CHRISTINA CHAMBERS, UNIVERSITY OF CALIFORNIA SAN DIEGO, LA JOLLA, CA, USA  
AND BILL DUNTY, NIAAA/NIH DIVISION OF METABOLISM AND HEALTH EFFECTS, BETHESDA, MD, USA

- 9:15 AM INTRODUCTION  
*Bill Dunty, NIAAA/NIH Division of Metabolism and Health Effects, Bethesda, MD, USA*
- 9:20 AM HEMODYNAMIC CHANGES IN THE PREFRONTAL CORTEX AS MEASURED BY FUNCTIONAL NEAR-INFRARED SPECTROSCOPY AND THEIR RELATIONSHIPS TO NEUROBEHAVIORAL OUTCOMES IN CHILDREN WITH FASD  
*Julie Kable, Emory University School of Medicine, Atlanta, GA, USA*
- 9:38 AM EARLY IDENTIFICATION OF EFFECTS OF PRENATAL ALCOHOL EXPOSURE: INFANT CARDIAC ORIENTING RESPONSE AS A BIOMARKER  
*Claire Coles, Emory University School of Medicine, Atlanta, GA, USA*
- 9:56 AM miRNAs AS BIOMARKERS OF PRENATAL ALCOHOL EXPOSURE AND INFANT OUTCOME  
*Amanda Mahnke, Texas A&M University Health Science Center, Bryan, TX, USA*
- 10:14 AM DEVELOPMENT OF AN EPIGENETIC BIOMARKER FOR PREDICTION OF FETAL ALCOHOL SPECTRUM DISORDERS  
*Aileen Baldwin, United States Drug Testing Laboratories, Inc., Des Plaines, IL, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
*Christina Chambers, University of California San Diego, La Jolla, CA, USA*

10:55am - 11:35am

**RSA BUSINESS (MEMBERSHIP) MEETING - open to RSA members**

HARBOR B

11:45am - 1:10pm

**RSA ANNUAL LEGISLATIVE ADVOCACY WORKSHOP - Open**  
Organized by the RSA Government Affairs and Advocacy Committee  
Chairs: Susan Barron, Victor Hesselbrock and Sara Jo Nixon  
*Everyone Welcome - Light Lunch available with TICKET.*

HARBOR G

11:45am - 1:10pm

**DIVERSITY COMMITTEE MEETING - Open**  
Organized by the RSA Diversity Committee  
Chair: Barbara McCrady

HARBOR E

## MONDAY, JUNE 18

1:20pm - 2:50pm

SYMPOSIUM

HARBOR B

**NON-CODING RNA IN ALCOHOLISM: MECHANISMS, BIOMARKERS AND THERAPEUTIC TARGETS**  
**ORGANIZERS/CHAIRS: SUBHASH PANDEY, CTR FOR ALCOHOL RESEARCH IN EPIGENETICS,**  
**UNIV OF ILLINOIS & JBVA MEDICAL CENTER, CHICAGO, IL, USA**  
**AND ANTONIO NORONHA, NIH/NIAAAA/DNB, BETHESDA, MD, USA**

- 1:20 PM INTRODUCTION  
**Antonio Noronha, NIH/NIAAAA/DNB, Bethesda, MD, USA**
- 1:25 PM MICRORNAS AND ADOLESCENT ALCOHOL EXPOSURE: CHROMATIN REMODELING IN THE AMYGDALA AND INCREASED ANXIETY SUSCEPTIBILITY IN ADULTHOOD  
**Subhash Pandey, Ctr for Alcohol Research in Epigenetics, Univ of Illinois & JBVA Medical Center, Chicago, IL, USA**
- 1:43 PM ENDOCRINE MIRNAS IN PREGNANT WOMEN, PREDICTIVE OF FASD INFANT OUTCOMES, CONTROL PLACENTAL TROPHOBLAST GROWTH, SURVIVAL, AND MATURATION  
**Alexander Tseng, Texas A&M Health Science Center, College Station, TX, USA**
- 2:01 PM LNCRNA AND MIRNA IN ETHANOL INDUCED NEUROIMMUNE GENE INDUCTION IN ALD AND AUD  
**Fulton Crews, UNC-Chapel Hill, Bowles Center for Alcohol Studies, Chapel Hill, NC, USA**
- 2:19 PM LONG NON-CODING RNAS AS A FUNCTIONAL SUBSTRATES FOR ALCOHOL USE DISORDER  
**Sean Farris, The University of Texas at Austin, Austin, TX, USA**
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
**Rajesh Miranda, Texas A&M Health Science Center/College of Medicine, Bryan, TX USA**

1:20pm - 2:50pm

SYMPOSIUM

HARBOR G

**\*\*\*ALCOHOL USE DISORDER AND PTSD: FROM ANIMAL MODELS TO HUMAN STUDIES**  
**ORGANIZER/CHAIR: L JUDSON CHANDLER, MEDICAL UNIVERSITY OF SOUTH CAROLINA, CHARLESTON, SC, USA**

- 1:20 PM INTRODUCTION  
**L Judson Chandler, Medical University of South Carolina, Charleston, SC, USA**
- 1:25 PM MODULATION OF GLUTAMATERGIC MECHANISMS RECOVERS BEHAVIORAL DEFICITS IN MULTIPLE MODELS OF AUD/PTSD COMORBIDITY  
**Justin Gass, Medical University of South Carolina, Charleston, SC, USA**
- 1:43 PM MECHANISMS AND BEHAVIORAL CONSEQUENCES OF STRESS-ENHANCED FEAR LEARNING IN A RAT MODEL OF POST-TRAUMATIC STRESS DISORDER.  
**Igor Spigelman, University of California, Los Angeles, CA, USA**
- 2:01 PM POMC NEURON ACTIVATION BY ALCOHOL AND POSSIBLE INTERACTION WITH STRESS  
**M. Foster Olive, Arizona State University, Tempe, AZ, USA**
- 2:19 PM ATTENUATION OF ANXIETY AND CRAVING USING NEUROSTEROIDS AMONG INDIVIDUALS WITH ALCOHOL USE DISORDER AND COMORBID PTSD  
**Elizabeth Ralevski, Yale University, West Haven, CT, USA**
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
**Karen Szumlinski, University of California -SB, Santa Barbara, CA, USA**

## MONDAY, JUNE 18

1:20pm - 2:50pm

SYMPOSIUM

HARBOR H

**\*\*\*THE ENDOCANNABINOID SYSTEM AND COMPULSIVE DRINKING: FROM NEURAL CIRCUITS TO HUMAN BEHAVIOR  
ORGANIZERS/CHAIRS: MATTHEW SLOAN, NIAAA, BETHESDA, MD, USA  
AND DAVID LOVINGER, NIAAA, ROCKVILLE, MD, USA**

- 1:20 PM INTRODUCTION  
**Matthew Sloan, NIAAA, Bethesda, MD, USA**
- 1:25 PM ENDOCANNABINOID METABOLISM IN THE BRAIN OF HEAVY DRINKING YOUTH: A PET STUDY WITH THE FATTY ACID AMIDE HYDROLASE RADIOLIGAND [<sup>11</sup>C]CURB  
**Isabelle Boileau, CAMH, Toronto, Ontario, Canada**
- 1:43 PM ENDOCANNABINOID MODULATION OF ALCOHOL DRINKING AND WITHDRAWAL IN MICE  
**Sachin Patel, Vanderbilt University Medical Center, Nashville, TN, USA**
- 2:01 PM CHRONIC INTERMITTENT EXPOSURE TO ETHANOL CAUSES PERSISTENT CHANGES IN THE CB1 AND CRF REGULATION OF GABA RELEASE ONTO VTA DOPAMINE NEURONS  
**Arthur Riegel, Medical University of South Carolina (MUSC), Charleston, SC, USA**
- 2:19 PM ACUTE ALCOHOL EXPOSURE ALTERS CIRCULATING ENDOCANNABINOID LEVELS IN HUMANS  
**Matthew Sloan, NIAAA, Bethesda, MD, USA,**
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
**David Lovinger, NIAAA, Rockville, MD, USA**

1:20pm - 2:50pm

ROUNDTABLE

HARBOR I

**\*\*\*TIMING MATTERS: MACROPHAGE AND HEPATOCYTE DEATH AND THEIR CONSEQUENCES  
IN THE PROGRESSION OF ALCOHOL-INDUCED LIVER INJURY  
ORGANIZER/CHAIR: H. JOE WANG, NIH/NIAAA, ROCKVILLE, MD, USA  
ORGANIZER: M. KATHERINE JUNG, NIH/NIAAA, BETHESDA, MD, USA  
CHAIR: LI LIN, NIAAA/NIH, BETHESDA, MD, USA**

- 1:20 PM INTRODUCTION  
**H. Joe Wang, NIH/NIAAA, Rockville, MD, USA**
- 1:25 PM PANELISTS:  
HISTORICAL PERSPECTIVES ON MACROPHAGE FUNCTION, INFLAMMATION, CELL INJURY AND DEATH IN THE PROGRESSION OF ALCOHOL-ASSOCIATED LIVER DISEASE  
**John J. LeMasters, Medical University of South Carolina, Charleston, SC, USA**  
DEATH OF KUPFFER CELLS: A MECHANISM TO DAMPEN INFLAMMATORY SIGNALS  
**Laura Nagy, Cleveland Clinic Foundation, Cleveland, OH, USA**  
ROLE OF FOXO3-DEPENDENT MACROPHAGE APOPTOSIS IN SHAPING THE INTRAHEPATIC IMMUNE RESPONSE TO ALCOHOL  
**Steven Weinman, University of Kansas Medical Center, Kansas City, KS, USA**  
INFLAMMASOME-MEDIATED PYROPTOSIS OF LIVER MACROPHAGE AND BIOACTIVE ASC OLIGOMERS IN HUMAN AND MURINE LIVERS AS BIOMARKERS AND MEDIATORS OF AALD  
**Arvin Iracheta-Vellve, University of Massachusetts Medical School, Boston, MA, USA**  
CELL DEATH IN THE PHENOTYPE SWITCHING OF HEPATIC MACROPHAGES DURING AALD  
**Cynthia Ju, University of Colorado, Aurora, CO, USA**  
THE CASP11/4-GSDMD PATHWAY IN ALCOHOLIC HEPATITIS  
**Hidekazu Tsukamoto, University of Southern California, Los Angeles, CA USA**
- 2:25 PM OPEN DISCUSSION  
**M Katherine Jung, NIH/NIAAA, Bethesda, MD, USA**

## MONDAY, JUNE 18

1:20pm - 2:50pm

SYMPOSIUM

HARBOR C

**BRAIN DYNAMICS IN HUMAN ALCOHOLISM: FROM ERPS TO FUNCTIONAL CONNECTIVITY**  
**ORGANIZER: CHELLA KAMARAJAN, SUNY DOWNSTATE MEDICAL CENTER, BROOKLYN, NY, USA**  
**CHAIRS: BERNICE PORJESZ, SUNY DOWNSTATE MEDICAL CENTER, BROOKLYN, NY, USA**  
**AND ASHWINI PANDEY, SUNY DOWNSTATE MEDICAL CENTER, BROOKLYN, NY, USA**

- 1:20 PM INTRODUCTION  
*Bernice Porjesz, SUNY Downstate Medical Center, Brooklyn, NY, USA*
- 1:25 PM BINGE DRINKING: ELECTROPHYSIOLOGICAL INDICES OF ALLOSTASIS, COGNITIVE, AND EMOTIONAL DEFICITS  
*Ksenija Marinkovic, San Diego State University, San Diego, CA, USA*
- 1:43 PM REGIONAL DIFFERENCES IN CORTICAL THICKNESS ARE ASSOCIATED WITH EVENT-RELATED POTENTIAL COMPONENTS: ANALYSES BY FAMILIAL RISK FOR ALCOHOL DEPENDENCE  
*Shirley Hill, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA*
- 2:01 PM DEFAULT MODE NETWORK ALTERATIONS IN ALCOHOLISM: FUNCTIONAL CONNECTIVITY OF RESTING EEG AND FMRI  
*Chella Kamarajan, SUNY Downstate Medical Center, Brooklyn, NY, USA*
- 2:19 PM PARALLEL ICA ANALYSIS RELATING EEG COHERENCE TO FMRI RESTING STATE SYNCHRONY IN LONG-TERM ABSTINENT ALCOHOLICS  
*Valerie Cardenas, Neurobehavioral Research Inc, San Francisco, CA, USA*
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
*Ian Colrain, SRI International, Menlo Park, CA, USA*

1:20pm - 2:50pm

SYMPOSIUM

HARBOR D

**LONG-TERM CONSEQUENCES OF HEAVY DRINKING IN DIFFERENT POPULATIONS: INTERNATIONAL PERSPECTIVES**  
**ORGANIZERS/CHAIRS: MICHIE HESSELBROCK, UNIVERSITY OF CONNECTICUT SCHOOL OF MEDICINE, FARMINGTON, CT, USA AND**  
**SUSUMU HIGUCHI, NATIONAL HOSPITAL ORGANIZATION KURIHAMA MEDICAL AND ADDICTION CENTER, YOKOSUKA, JAPAN**

- 1:20 PM INTRODUCTION  
*Susumu Higuchi, National Hospital Organization Kurihama Medical and Addiction Center, Yokosuka, Japan*
- 1:25 PM LIVER STIFFNESS PRIOR AND AFTER ALCOHOL DETOXIFICATION AS A NOVEL PROGNOSTIC MARKER IN HEAVY DRINKERS: FIRST DATA FROM A PROSPECTIVE COHORT  
*Sebastian Mueller, University of Heidelberg, Heidelberg, Germany*
- 1:43 PM PREDICTING TREATMENT OUTCOMES AMONG JAPANESE ALCOHOL DEPENDENT PERSONS WHO RECEIVED INPATIENT COGNITIVE BEHAVIORAL THERAPY  
*Mitsuru Kimura, National Hospital Organization, Kurihama Medical and Addiction Center, Yokosuka, Japan*
- 2:01 PM PERSISTENT ALCOHOL USE & PROBLEMS AMONG ALCOHOL DEPENDENT ADULTS OVER A 20 YEAR PERIOD  
*Victor Hesselbrock, University of Connecticut School of Medicine, Farmington, CT, USA*
- 2:19 PM LONG-TERM MORTALITY ASSOCIATED WITH HEAVY DRINKING AND STABLY DIAGNOSED AUD IN A COMMUNITY SAMPLE  
*Kathleen Bucholz, Washington University School of Medicine, Saint Louis, MO, USA*
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
*Frederic Blow, University of Michigan, Ann Arbor, MI, USA*

## MONDAY, JUNE 18

1:20pm - 2:50pm

SYMPOSIUM

HARBOR E

**ECOLOGICAL MOMENTARY ASSESSMENT OF IMPULSIVITY IN ALCOHOL STUDIES**  
**ORGANIZER/CHAIR: KEVIN KING, UNIVERSITY OF WASHINGTON, SEATTLE, WA, USA**  
**ORGANIZER: SARAH PEDERSEN, UNIVERSITY OF PITTSBURGH, PITTSBURGH, PA, USA**

- 1:20 PM INTRODUCTION  
**Kevin King, University of Washington, Seattle, WA, USA**
- 1:25 PM MEASURING IMPULSIVITY IN THE MOMENT: MULTILEVEL CONFIRMATORY FACTOR ANALYSIS OF BETWEEN- AND WITHIN-PERSON VARIABILITY IN IMPULSIVITY  
**Max Halvorson, University of Washington, Seattle, WA, USA**
- 1:43 PM NEGATIVE URGENCY IN THE WILD: DO TRAIT REPORTS REFLECT DAY-TO-DAY PROCESSES?  
**Madison Feil, University of Washington, Seattle, WA, USA**
- 2:01 PM REAL-WORLD INCREASES IN IMPULSIVITY FOLLOWING ALCOHOL CONSUMPTION: DIFFERENCES ACROSS RACE AND ADHD HISTORY  
**Sarah Pedersen, University of Pittsburgh, Pittsburgh, PA, USA**
- 2:19 PM MEASURING IMPULSIVITY IN THE MOMENT: ASSOCIATIONS WITH ALCOHOL USE  
**Rachel Tomko, Medical University of South Carolina, Charleston, SC, USA**
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
**Melissa Cyders, Indiana University - Purdue University Indianapolis, Indianapolis, IN, USA**

1:20pm -2:50pm

ROUNDTABLE

HARBOR F

**HOW CAN WE OVERCOME HISTORY? ENGAGING RACIAL/ETHNIC MINORITIES IN ALCOHOL AND BIOMEDICAL RESEARCH**  
**ORGANIZERS: PRISCILLA MARTINEZ, ALCOHOL RESEARCH GROUP, PUBLIC HEALTH INSTITUTE, EMERYVILLE, CA, USA**  
**AND KAREN CHARTIER, VIRGINIA COMMONWEALTH UNIVERSITY, RICHMOND, VA, USA**  
**CHAIR: KATHERINE KARRIKER-JAFFE, ALCOHOL RESEARCH GROUP, PUBLIC HEALTH INSTITUTE, EMERYVILLE, CA, USA**

- 1:20 PM INTRODUCTION  
**Katherine Karriker-Jaffe, Alcohol Research Group, Public Health Institute, Emeryville, CA, USA**
- 1:25 PM PANELISTS:  
DRIED BLOOD SPOT COLLECTION IN THE NATIONAL ALCOHOL SURVEY  
**Priscilla Martinez, Alcohol Research Group, Public Health Institute, Emeryville, CA, USA**  
STRENGTHENING PARTICIPATION: IS THE USE OF INCLUSIVE LANGUAGE ENOUGH?  
**Karen Chartier, Virginia Commonwealth University, Richmond, VA, USA**  
RECRUITMENT AND RETENTION OF AFRICAN AMERICANS FOR PARTICIPATION IN ALCOHOL RESEARCH PROTOCOLS  
**Denise Scott, Howard University, Washington, DC, USA**  
THRIVING TOGETHER: BALANCING RESEARCHER AND COMMUNITY NEEDS IN COMMUNITY-ENGAGED RESEARCH  
**Elizabeth Prom-Wormley, Virginia Commonwealth University, Richmond, VA, USA**  
INTERTRIBAL TALKING CIRCLE FOR THE PREVENTION OF SUBSTANCE ABUSE IN NATIVE YOUTH  
**John Lowe, Florida State University, Tallahassee, FL, USA**
- 2:25 PM OPEN DISCUSSION  
**Cindy Ehlers, The Scripps Research Institute, La Jolla, CA, USA**

2:50pm - 3:10pm

COFFEE BREAK

HARBOR FOYER

## MONDAY, JUNE 18

3:10pm - 4:40pm

GORDIS PAPER SESSION - POST-DOCS

HARBOR D

- 3:10 PM MODERATOR  
**Graeme Mason**, *Yale University School of Medicine, New Haven, CT, USA*
- 3:15 PM TAURINE DECREASES CENTRAL AMYGDALA GABAERGIC SIGNALING IN NAIVE BUT NOT ALCOHOL DEPENDENT RATS  
**Dean Kirson**, *The Scripps Research Institute, La Jolla, CA, USA*
- 3:29 PM ACETYL-COA SYNTHETASE LINKS LIVER ALCOHOL METABOLISM TO DYNAMIC HISTONE ACETYLATION IN THE BRAIN  
**Philipp Mews**, *Icahn School of Medicine at Mount Sinai, New York, NY, USA*
- 3:43 PM CORTICAL-BRAINSTEM PROJECTIONS GATE COMPULSIVE ALCOHOL DRINKING  
**Cody Siciliano**, *Massachusetts Institute of Technology, Cambridge, MA, USA*
- 3:57 PM THE 'LIGHT SIDE' OF ADDICTION: A PRELIMINARY STUDY OF ALCOHOL REWARD SENSITIVITY IN YOUNG ADULTS WITH ALCOHOL USE DISORDER  
**Jesus Chavarria**, *University of Chicago, Chicago, IL, USA*
- 4:11 PM SEXUAL ORIENTATION DIFFERENCES IN THE DEVELOPMENT OF HEAVY EPISODIC DRINKING FROM LATE ADOLESCENCE INTO YOUNG ADULTHOOD  
**Jeremy Luk**, *National Institutes of Health, NICHD, Bethesda, MD, USA*
- 4:25 PM MY FRIENDS, I'M #SOTALLYTOBERS: PERCEPTIONS OF FRIENDS' APPROVAL OF DRINKING MODERATES THE RELATIONSHIP BETWEEN DRINKING AND POSTING ALCOHOL-RELATED CONTENT (ARC)  
**Mai-Ly Steers**, *University of Houston, Houston, TX, USA*

3:10pm - 4:40pm

SYMPOSIUM

HARBOR G

### ALCOHOL-INDUCED NEUROINFLAMMATION; CELL INJURY AND ETHANOL VOLITION

ORGANIZERS/CHAIRS: FULTON CREWS, UNC-CHAPEL HILL, BOWLES CENTER FOR ALCOHOL STUDIES, CHAPEL HILL, NC, USA AND R. ADRON HARRIS, WAGGONER CENTER FOR ALCOHOL & ADDICTION RESEARCH, THE UNIVERSITY OF TEXAS, AUSTIN, TX, USA

- 3:10 PM INTRODUCTION  
**R Adron Harris**, *Waggoner Center for Alcohol & Addiction Research, The Univ. of Texas, Austin, TX, USA*
- 3:15 PM PERIPHERAL ORIGINS OF NEUROINFLAMMATION IN ALCOHOL-USE-DISORDER  
**Philippe de Timary**, *Université catholique de Louvain and Cliniques Univ Saint-Luc, Brussels, Belgium*
- 3:33 PM ETHANOL ACTIVATES 'DEATH RECEPTOR' SIGNALING VIA TLR7 TO CAUSE NEURODEGENERATION  
**Leon Coleman**, *UNC-Chapel Hill, Bowles Center for Alcohol Studies, Chapel Hill, NC, USA*
- 3:51 PM FUNCTIONAL ROLE FOR GLIA IN VOLUNTARY ALCOHOL CONSUMPTION  
**Anna Warden**, *University of Texas at Austin, Austin, TX, USA*
- 4:09 PM ANTI-INFLAMMATORY MESENCHYMAL STEM CELLS AND N-ACETYL CYSTEINE INHIBIT CHRONIC ETHANOL INTAKE AND ABOLISH RELAPSE BINGE DRINKING: PRECLINICAL STUDIES  
**Yedy Israel**, *University of Chile, Santiago, Chile*
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
**Fulton Crews**, *UNC-Chapel Hill, Bowles Center for Alcohol Studies, Chapel Hill, NC, USA*

## MONDAY, JUNE 18

3:10pm - 4:40pm

SYMPOSIUM

HARBOR C

**NEURAL SUBSTRATES OF BINGE DRINKING: WHAT WE'VE LEARNED FROM "DRINKING IN THE DARK"**  
**ORGANIZERS/CHAIRS: ANGELA OZBURN, VA PORTLAND HEALTH CARE SYSTEM, PORTLAND, OR, USA**  
**AND TODD THIELE, UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL, NC, USA**

- 3:10 PM INTRODUCTION  
**John Crabbe, VA Portland Health Care System, Portland, OR, USA**
- 3:15 PM LASTING EFFECTS OF INCREASING NUCLEUS ACCUMBENS ACTIVITY ON BINGE-LIKE ALCOHOL DRINKING AND THE TRANSCRIPTOME  
**Angela Ozburn, Portland VA Health Care System, Portland, OR, USA**
- 3:33 PM AGE OF BINGE-DRINKING ONSET AND FORCED ABSTINENCE INTERACT TO INFLUENCE AUD-RELATED SYMPTOMS AND GLUTAMATE-BASED TREATMENT  
**Karen Szumlinski, University of California -SB, Santa Barbara, CA, USA**
- 3:51 PM TOP-DOWN AND BOTTOM-UP CONTROL OF BINGE-LIKE ALCOHOL DRINKING  
**Todd Thiele, University of North Carolina, Chapel Hill, NC, USA**
- 4:09 PM DYNORPHIN AND KAPPA OPIOID RECEPTOR SYSTEM ACTIVITY WITHIN EXTENDED AMYGDALA CIRCUITRY MODULATES BINGE-LIKE ALCOHOL DRINKING  
**Howard C Becker, Charleston Alcohol Research Center, Charleston, SC, USA**
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
**Todd Thiele, University of North Carolina, Chapel Hill, NC, USA**

3:10pm - 4:40pm

SYMPOSIUM

HARBOR H

**ALCOHOL PROMOTION OF AGGRESSIVE TUMORS**  
**ORGANIZER/CHAIR: DIPAK SARKAR, RUTGERS, STATE UNIVERSITY OF NEW JERSEY, NEW BRUNSWICK, NJ, USA**  
**CHAIR: JAN HOEK, THOMAS JEFFERSON UNIVERSITY, PHILADELPHIA, PA, USA**

- 3:10 PM INTRODUCTION  
**Dipak Sarkar, Rutgers, State University of New Jersey, New Brunswick, NJ, USA**
- 3:15 PM ALCOHOL AND BREAST CANCER STEM CELLS  
**Jia Luo, University of Kentucky College of Medicine**
- 3:33 PM ALCOHOL MODULATES HORMONAL AND ONCOGENIC SIGNALING IN BREAST CANCER  
**Chin-Yo Lin, University of Houston, Houston, TX, USA**
- 3:51 PM ALCOHOL PROGRAMS THE PITUITARY TO PRODUCE AGGRESSIVE PROLACTIN-PRODUCING TUMORS  
**Omkaram Gangisetty, Rutgers University, New Brunswick, NJ, USA**
- 4:09 PM ALCOHOL INTERACTS WITH CIRCADIAN DISRUPTION TO PROMOTE COLON CARCINOGENESIS  
**Faraz Bishehsari, Rush University Medical Center, Chicago, IL, USA**
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
**Jan Hoek, Thomas Jefferson University, Philadelphia, PA, USA**



## MONDAY, JUNE 18

3:10pm - 4:40pm

WORKSHOP

HARBOR E

**PARTICIPANT RECRUITMENT AND RETENTION IN ALCOHOL INTERVENTION STUDIES**  
ORGANIZER/CHAIR: AUDREY BEGUN, OHIO STATE UNIVERSITY, COLUMBUS, OH, USA  
CHAIR: LISA BERGER, UNIVERSITY OF WISCONSIN-MILWAUKEE, MILWAUKEE, WI, USA

- 3:10 PM INTRODUCTION  
*Audrey Begun, Ohio State University, Columbus, OH, USA*
- 3:15 PM PARTICIPANT RECRUITMENT IN ALCOHOL INTERVENTION STUDIES  
*Lisa Berger, University of Wisconsin-Milwaukee, Milwaukee, WI, USA*
- 3:35 PM PARTICIPANT RETENTION IN ALCOHOL INTERVENTION STUDIES  
*Laura Otto-Salaj, University of Wisconsin-Milwaukee, Milwaukee, WI, USA*
- 3:55 PM TOOLS FOR PLANNING AND BUDGETING RELATED TO PARTICIPANT RECRUITMENT AND RETENTION  
*Audrey Begun, Ohio State University, Columbus, OH, USA*
- 4:15 PM OPEN DISCUSSION  
*Allen Zweben, Columbia University School of Social Work, New York, NY, USA*

3:10pm - 4:40pm

SYMPOSIUM

HARBOR F

**INNOVATIVE SCIENTIFIC APPROACHES FOR IDENTIFYING NOVEL TARGETS OF PREVENTION OF ALCOHOL-RELATED SEXUAL AGGRESSION**  
ORGANIZER/CHAIR: WILLIAM CORBIN, ARIZONA STATE UNIVERSITY, TEMPE, AZ, USA  
CHAIR: KAILEY RICHNER, ARIZONA STATE UNIVERSITY, TEMPE, AZ, USA

- 3:10 PM INTRODUCTION  
*Jessica Hartman, Arizona State University, Tempe, AZ, USA*
- 3:15 PM ALCOHOL-RELATED SEXUAL AGGRESSION: A TEST OF TWO INTERVENTIONS  
*Kelly Cue Davis, Arizona State University, Tempe, AZ, USA*
- 3:33 PM EFFECTS OF COGNITIVE TRAINING AND ALCOHOL CONSUMPTION ON MEN'S PERCEPTIONS OF WOMEN'S SEXUAL INTEREST  
*Teresa Treat, University of Iowa, Iowa City, IA, USA*
- 3:51 PM INJUNCTIVE AND DESCRIPTIVE NORMS FOR ALCOHOL AND SEXUAL VIOLENCE AS POTENTIAL INTERVENTION TARGETS  
*Anna Papova, Arizona State University, Tempe, AZ, USA*
- 4:09 PM RISK PROCESSING, BINGE DRINKING, AND COLLEGE WOMEN'S RISK FOR SEXUAL VICTIMIZATION  
*Elizabeth Yeater, UNM CASAA/University of New Mexico, Albuquerque, NM, USA*
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
*Kim Fromme, The University of Texas at Austin, Austin, TX, USA*

# MONDAY, JUNE 18

3:10pm - 4:40pm

SYMPOSIUM

HARBOR I

**ALCOHOL IMPAIRED DRIVERS CHARACTERISTICS AND INTERVENTIONS**  
ORGANIZER/CHAIR: CHARLES MATHIAS, UNIVERSITY OF TEXAS HSC SAN ANTONIO, SAN ANTONIO, TX, USA  
CHAIR: DONALD DOUGHERTY, UNIVERSITY OF TEXAS HSC SAN ANTONIO, SAN ANTONIO, TX, USA

- 3:10 PM INTRODUCTION  
Donald Dougherty, *University of Texas HSC SAN ANTONIO, San Antonio, TX, USA*
- 3:15 PM POTENTIAL EFFECTIVENESS OF LOWERING THE BAC LIMIT TO .05 IN THE US  
James Fell, *NORC at the University of Chicago, Bethesda MD, USA*
- 3:33 PM CHARACTERISTICS AND LIFE CONTEXT OF WOMEN WITH SINGLE AND MULTIPLE DUI CONVICTIONS  
Vivia McCutcheon, *Washington University School of Medicine, Saint Louis, MO, USA*
- 3:51 PM CONTRASTING THREE MODELS OF SOCIAL SUPPORT IN MOTIVATING REDUCTIONS DRINKING AMONG DWI OFFENDERS  
Tae Joon Moon, *University of Texas HSC at San Antonio, San Antonio, TX, USA*
- 4:09 PM ALCOHOL IMPAIRED DRIVERS CHARACTERISTICS AND INTERVENTIONS  
Tara Karns-Wright, *The University of Texas HSC at San Antonio, San Antonio, TX, USA*
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
Charles Mathias, *University of Texas Health Science Center San Antonio, San Antonio, TX, USA*

3:10pm - 4:40pm

SYMPOSIUM

HARBOR B

**LEVEL OF RESPONSE TO ALCOHOL AND ALCOHOL RELATED BLACKOUTS:  
POTENTIAL CLINICAL AND GENETIC RELATIONSHIPS**  
ORGANIZER/CHAIR: MARC SCHUCKIT, UNIVERSITY OF CALIFORNIA, SAN DIEGO, CA, USA  
CHAIR: DAVID GOLDMAN, NIAAA, ROCKVILLE, MD, USA

- 3:10 PM INTRODUCTION  
Marc Schuckit, *University of California, San Diego, San Diego, CA, USA*
- 3:15 PM GENETIC VARIANTS POTENTIALLY RELATED TO THE LEVEL OF RESPONSE TO ALCOHOL  
Marc Schuckit, *University of California, San Diego, San Diego, CA, USA*
- 3:33 PM CHARACTERIZATION OF ALCOHOL RESPONSE PHENOTYPES DURING ALCOHOL SELF-ADMINISTRATION IN INDIVIDUALS ACROSS THE SPECTRUM OF ALCOHOL USE DISORDER RISK  
Vijay Ramchandani, *NIAAA, Bethesda, MD, USA*
- 3:51 PM ALCOHOL-RELATED BLACKOUTS: CLINICAL PHENOMENA AND POTENTIAL GENETIC INFLUENCES  
Reagan Wetherill, *University of Pennsylvania, Philadelphia, PA, USA*
- 4:09 PM THE GENETIC ARCHITECTURE OF ALCOHOL RESPONSES, FROM ANIMAL STUDIES  
Zhifeng Zhou, *Laboratory of Neurogenetics, NIAAA, NIH, Rockville, MD, USA*
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
Aaron White, *NIH, Rockville, MD, USA*

4:50pm - 6:50pm

POSTER SESSION I

GRAND HALL AB

**POSTER NUMBERS: 1-252 / ABSTRACT NUMBERS: 253-504**  
Two 1-hour manning periods - ODD Number first hour; EVEN Number second hour  
(light refreshments)

5:00pm - 6:30pm

SPECIAL SESSION

PROMENADE AB

**ALCOHOL AND HIV/AIDS**  
Research Consortia and Centers Meeting - closed

\*\*\*\*\*

## TUESDAY, JUNE 19

6:30am - 8:00am	CONTINENTAL BREAKFAST - Nametag required.	HARBOR FOYER
7:30am - 5:15pm	RSA REGISTRATION DESK - Open	GRAND HALL
8:00am - 8:45am	PLENARY SESSION III 2018 RSA DISTINGUISHED RESEARCHER	GRAND HALL CD

**BEYOND ABSTINENCE: AN EVOLVING PERSPECTIVE ON NALTREXONE  
AND PHARMACOTHERAPY FOR ALCOHOL USE DISORDER**  
*Stephanie S. O'Malley, PhD.*, Professor and Deputy Chair, Department of Psychiatry,  
Yale School of Medicine, New Haven, CT

Stephanie S. O'Malley, PhD is Professor and Deputy Chair of Psychiatry at Yale School of Medicine where she is Co-director of the NIAAA-funded Center for the Translational Neuroscience of Alcoholism. Dr. O'Malley's research contributed to the FDA approval of naltrexone for use in the treatment of alcohol dependence. In her current work, she studies the efficacy of interventions for alcohol use disorder and for tobacco use using laboratory paradigms and clinical trials.

Medications for the treatment of alcohol use disorder have modest effects in the aggregate, but improvements for an individual can be substantial --- should we be discouraged or build on what we know while seeking further advances? Since the approval of naltrexone in 1994, my research has sought to determine the circumstances under which naltrexone is effective and for whom. In this work, comorbid smoking has emerged as an important moderator of alcohol treatment response and as a potential target for pharmacotherapy. While this and other treatment moderators remain important to consider, concurrent consideration of expanded definitions of treatment success beyond abstinence could increase the attractiveness of currently available treatments and provide additional outcomes to advance pharmacotherapy development for AUD.

8:45am - 9:15am	COFFEE BREAK	HARBOR FOYER
9:15am - 10:45am	SYMPOSIUM	HARBOR C

**STRESS, ALCOHOL, AND THE KAPPA OPIOID SYSTEM: WHAT'S AGE GOT TO DO WITH IT?**  
**ORGANIZERS/CHAIRS: ANUSHREE KARKHANIS, WAKE FOREST SCHOOL OF MEDICINE / ASPET, WINSTON-SALEM, NC, USA AND  
MARVIN DIAZ, BINGHAMTON UNIVERSITY, BINGHAMTON, NY, USA**

9:15 AM	INTRODUCTION <i>George Koob, NIH/NIAAA, Rockville, MD, USA</i>
9:20 AM	BRIEF PRENATAL ETHANOL EXPOSURE ALTERS THE EXPRESSION OF DYNORPHIN- AND NOCICEPTIN-RELATED GENES IN THE INFANT AND ADOLESCENT BRAIN <i>Ricardo Pautassi, INIMEC-CONICET, Cordoba, ARGENTINA</i>
9:38 AM	ADOLESCENT STRESS-INDUCED SOCIAL ANXIETY AND ETHANOL CONSUMPTION: ALTERATIONS IN BASOLATERAL AMYGDALA KAPPA OPIOID RECEPTOR FUNCTION <i>Marvin Diaz, Binghamton University, Binghamton, NY, USA</i>
9:56 AM	SOCIAL ISOLATION STRESS INCREASES KAPPA OPIOID RECEPTOR SENSITIVITY IN THE NUCLEUS ACCUMBENS OF RATS <i>Anushree Karkhanis, Wake Forest School of Medicine / ASPET, Winston-Salem, NC, USA</i>
10:14 AM	DYNORPHIN/KOR ACTIVITY WITHIN THE CENTRAL AMYGDALA AND BNST MODULATES STRESS-ENHANCED ETHANOL CONSUMPTION IN MICE WITH A HISTORY OF DEPENDENCE <i>Harold Haun, Medical University of South Carolina, Charleston, SC, USA</i>
10:32 AM	DISCUSSANT/QUESTION MODERATOR <i>Brendan Walker, Washington State University, Pullman, WA, USA</i>

## TUESDAY, JUNE 19

9:15am - 10:45am

SYMPOSIUM

HARBOR G

**NOVEL INSIGHTS INTO ALCOHOL-INDUCED MULTI-ORGAN CARCINOGENESIS**  
**ORGANIZERS/CHAIRS: ARMEN PETROSYAN, UNIVERSITY OF NEBRASKA MEDICAL CENTER, OMAHA, NE, USA**  
**AND CAROL CASEY, UNIVERSITY OF NEBRASKA MEDICAL CENTER, OMAHA, NE, USA**

- 9:15 AM INTRODUCTION  
*Carol Casey, University of Nebraska Medical Center, Omaha, NE, USA*
- 9:20 AM THE ROLE OF ALCOHOL-INDUCED GOLGI FRAGMENTATION IN PROGRESSION OF PROSTATE CANCER  
*Armen Petrosyan, University of Nebraska Medical Center,*
- 9:38 AM CELL FATE REPROGRAMMING OF LIVER TUMOR-INITIATING STEM-LIKE CELLS INDUCED BY ALCOHOL WESTERN DIET VIA PHOSPHORYLATED NUMB AND TBC1D15  
*Keigo Machida, University of Southern California, Los Angeles, CA, USA*
- 9:56 AM BETA-ENDORPHIN NEURONAL REGULATION OF CANCER GROWTH, PROGRESSION AND METASTASIS IN ALCOHOL-EXPOSED AND CONTROL ANIMALS  
*Sengottuvelan Murugan, Rutgers University, New Brunswick, NJ, USA*
- 10:14 AM CHRONIC ALCOHOL CONSUMPTION ENHANCES CANCER-ASSOCIATED CACHEXIA: THE ROLE OF MYOSTATIN-TNF-A AXIS  
*Hui Zhang, Washington State University College of Pharmacy, Spokane, WA, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
*Iain McKillop, Cannon Research Center, Charlotte, NC, USA*

9:15am - 10:45am

SYMPOSIUM

HARBOR I

**EXTRACELLULAR VESICLES AND NON-CODING RNA IN ALCOHOL-INDUCED ORGAN DAMAGE: MECHANISMS AND THERAPEUTIC TARGETING**  
**ORGANIZERS/CHAIRS: LI WANG, UNIVERSITY OF CONNECTICUT, STORRS, CT, USA**  
**AND EKIHIRO SEKI, CEDARS-SINAI MEDICAL CENTER, LOS ANGELES, CA, USA**  
**CHAIR: PETER GAO, NIH/NIAAA, ROCKVILLE, MD, USA**

- 9:15 AM INTRODUCTION  
*Peter Gao, NIH/NIAAA, Rockville, MD, USA*
- 9:20 AM EXTRACELLULAR VESICLES FROM MICE WITH ALCOHOLIC LIVER DISEASE CARRY A DISTINCT PROTEIN CARGO AND INDUCE MACROPHAGE ACTIVATION VIA HSP90  
*Gyongyi Szabo, University of Massachusetts, Worcester, MA, USA*
- 9:38 AM ALCOHOL LIVER DISEASE ENHANCES METASTATIC TUMOR GROWTH THROUGH EXTRACELLULAR MATRIX AND MIRNA-MEDIATED STELLATE CELL ACTIVATION  
*Ekihiro Seki, Cedars-Sinai Medical Center, Los Angeles, CA, USA*
- 9:56 AM THE MIRNA-21 ACTS AS A DOUBLE-EDGED SWORD ON LIPID METABOLISM AND INFLAMMATION IN ALCOHOLIC FATTY LIVER  
*Li Wang, University of Connecticut, Storrs, CT, USA*
- 10:14 AM ACUTE-ON-CHRONIC ALCOHOL CONSUMPTION INDUCES NEUTROPHILIA AND HEPATOTOXICITY VIA THE PRODUCTION OF MITOCHONDRIAL DNA-ENRICHED EXTRACELLULAR VESICLES  
*Bin Gao, NIAAA/NIH, Rockville, MD, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
*Li Wang, University of Connecticut, Storrs, CT*

## TUESDAY, JUNE 19

9:15am - 10:45am

SYMPOSIUM

HARBOR D

**FUNCTIONAL ADAPTATIONS OF NEURONS FOLLOWING ALCOHOL EXPOSURE**  
ORGANIZER: YOSHIO TAKASHIMA, UNIVERSITY OF CALIFORNIA, SAN DIEGO, SAN DIEGO, CA, USA  
CHAIR: CHITRA MANDYAM, VA SAN DIEGO HEALTHCARE SYSTEM, SAN DIEGO, CA, USA

- 9:15 AM INTRODUCTION  
*Chitra Mandyam, VA San Diego Healthcare System, San Diego, CA, USA*
- 9:20 AM RECRUITMENT AND DISRUPTION OF VENTRAL PALLIDAL VALUE ENCODING IN ALCOHOL SEEKING  
*Jocelyn Richard, Johns Hopkins University, Baltimore, MD, USA*
- 9:38 AM INVOLVEMENT OF THE ROSTROMEDIAL TEGMENTAL NUCLEUS AND ITS INPUTS IN AVERSIVE ASPECTS OF ALCOHOL DEPENDENCE  
*Elizabeth Glover, Medical University of South Carolina, Charleston, SC, USA*
- 9:56 AM ADAPTATIONS IN ORBITOFRONTAL CORTEX NEURONS FOLLOWING EXPOSURE TO ETHANOL  
*John Woodward, Medical University of South Carolina, Charleston, SC, USA*
- 10:14 AM FUNCTIONAL ADAPTATIONS OF PFC AND HIPPOCAMPAL NEURONS AFTER ETHANOL EXPOSURE FOLLOWED BY PROTRACTED ABSTINENCE  
*Yoshio Takashima, University of California, San Diego, San Diego, CA, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
*Marisa Roberto, The Scripps Research Institute, La Jolla, CA, USA*

9:15am - 10:45am

SYMPOSIUM

HARBOR E

**WOMEN HOLD UP HALF THE SKY: THE EVIDENCE FROM GLOBAL RESEARCH ON ALCOHOL AND HIV INTERVENTIONS**  
ORIGANIZER/CHAIR: TATIANA BALACHOVA, UNIVERSITY OF OKLAHOMA HSC / NIAAA/NIH, BETHESDA, MD, USA  
CHAIR: WENDEE WECHSBERG, RTI INTERNATIONAL, DURHAM, NC, USA

- 9:15 AM INTRODUCTION  
*Tatiana Balachova, University of Oklahoma HSC / NIAAA/NIH, Bethesda, MD, USA*
- 9:20 AM RCT OF COMPUTER DELIVERED BRIEF ALCOHOL INTERVENTION (CBI) FOR WOMEN ATTENDING AN URBAN STD CLINIC  
*Geetanjali Chander, Johns Hopkins University School of Medicine, Baltimore, MD, USA*
- 9:38 AM IMPROVING HIV EARLY IDENTIFICATION AND CARE INITIATION IN HEAVY DRINKING RUSSIAN WOMEN  
*Som Bohora, Oklahoma University HSC, Oklahoma City, OK, USA*
- 9:56 AM MEDICATION ASSISTED TREATMENT FOR ALCOHOL USE DISORDER TO IMPROVE THE HIV CONTINUUM OF CARE FOR WOMEN INVOLVED IN THE CRIMINAL JUSTICE SYSTEM  
*Sandra Springer, Yale School of Medicine, New Haven, CT, USA*
- 10:14 AM ALCOHOL IS A FACTOR: THE EVIDENCE AND CHALLENGES OF WOMAN-FOCUSED RESEARCH IN SOUTH AFRICA  
*Wendee Wechsberg, RTI International, Durham, NC, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
*Deidra Roach, NIH/NIAAA/DTRR, Rockville, MD, USA*

## TUESDAY, JUNE 19

9:15am - 10:45am

SYMPOSIUM

HARBOR B

### DETERMINING THE RISK OF DRINKING, SUBSTANCE USE AND BRAIN DIFFERENCES IN THE NCANDA LONGITUDINAL DATA SET ORGANIZER/CHAIR: IAN COLRAIN, SRI INTERNATIONAL, MENLO PARK, CA, USA

- 9:15 AM INTRODUCTION  
**Ian Colrain**, *SRI International, Menlo Park, CA, USA*
- 9:20 AM BRAIN CHANGES ASSOCIATED WITH LIFE EVENTS AND ALCOHOL USE: A LATENT CLASS ANALYSIS WITH THE NCANDA SAMPLE  
**Kate Noonan**, *UNC Wilmington, Wilmington, NC, USA*
- 9:38 AM PSYCHOSOCIAL DYNAMICS PREDICTING SUBSTANCE USE CHANGES IN THE NCANDA SAMPLE OVER TWO YEARS  
**Ty Brumback**, *Northern Kentucky University, Highland Heights, KY, USA*
- 9:56 AM UTILIZING MACHINE LEARNING TO PREDICT THE ONSET OF BINGE DRINKING IN ADOLESCENCE  
**Stephen Boyd**, *Oregon Health & Science University, Portland, OR, USA*
- 10:14 AM PSYCHOPATHOLOGICAL TRAJECTORIES OF YOUTH WHO PROGRESS TO REGULAR ALCOHOL USE  
**Kara Bagot**, *University of California San Diego, San Diego, CA, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
**Sara Jo Nixon**, *University of Florida, Gainesville, FL, USA*

9:15am - 10:45am

SYMPOSIUM

HARBOR H

### TOWARDS A MORE COMPREHENSIVE UNDERSTANDING OF RELAPSE AND RECOVERY: CURRENT TRENDS AND FUTURE DIRECTIONS ORGANIZER/CHAIR: BRETT HAGMAN, NIAAA, ROCKVILLE, MD, USA

- 9:15 AM INTRODUCTION  
**Brett Hagman**, *NIAAA, Rockville, MD, USA*
- 9:20 AM ASSOCIATION BETWEEN ALCOHOL CONSUMPTION PATTERNS DURING ALCOHOL TREATMENT AND THREE YEAR RECOVERY OUTCOMES  
**Katie Witkiewitz**, *University of New Mexico, Albuquerque, NM, USA*
- 9:38 AM BEYOND ABSTINENCE: CHANGES IN INDICES OF QUALITY OF LIFE WITH TIME IN RECOVERY IN A NATIONALLY-REPRESENTATIVE SAMPLE OF US ADULTS  
**John Kelly**, *Massachusetts General Hospital/Harvard Medical School, Boston, MA, USA*
- 9:56 AM Chronic Alcohol-related Brain and Peripheral Stress Responses Predictive of Early Relapse and Recovery  
**Rajita Sinha**, *Yale University School of Medicine, New Haven, CT, USA*
- 10:14 AM FEELING GOOD AND STICKING WITH IT: HOW POSITIVE (AND NEGATIVE) AFFECT CONTRIBUTE TO COMMITMENT TO SOBRIETY AND SUSTAIN ABSTINENCE  
**Sarah Zemore**, *Alcohol Research Group, Emeryville, CA, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
**Amy Krentzman**, *University of Minnesota School of Social Work, ST Paul, MN, USA*

## TUESDAY, JUNE 19

9:15am - 10:45am

SYMPOSIUM

HARBOR F

**ADDRESSING ALCOHOL RELATED HEALTH DISPARITIES ON MULTIPLE LEVELS**  
**ORGANIZERS/CHAIRS: KAMILLA VENNER, UNIVERSITY OF NEW MEXICO CASAA, ALBUQUERQUE, NM, USA**  
**AND NICHEA SPILLANE, UNIVERSITY OF RI, KINGSTON, RI, USA**

- 9:15 AM INTRODUCTION  
*Kamilla Venner, University of New Mexico CASAA, Albuquerque, NM, USA*
- 9:20 AM EXAMINING THE CONSTRUCT OF COMMUNITY WELL-BEING AND ASSOCIATIONS WITH THE AUDIT  
*Kamilla Venner, University of New Mexico CASAA, Albuquerque, NM, USA*
- 9:38 AM THE IMPORTANCE OF ALTERNATIVE ACTIVITIES IN ALCOHOL AND OTHER SUBSTANCE USE BEHAVIOR AMONG FIRST NATION ADOLESCENTS LIVING IN A RESERVE COMMUNITY  
*Nichea Spillane, University of RI, Kingston, RI, USA*
- 9:56 AM URBAN NATIVE AMERICAN PARTICIPATION IN COMMUNITY-BASED AA  
*J. Scott Tonigan, University of New Mexico, Albuquerque, NM, USA*
- 10:14 AM A MULTI-LEVEL APPROACH FOR PREVENTION OF UNDERAGE DRINKING ON CALIFORNIA INDIAN RESERVATIONS: EFFICACY AND MECHANISM OF BEHAVIOR CHANGE IN ADULTS AND  
*David Gilder, The Scripps Research Institute, La Jolla, CA, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
*Judith Arroyo, NIAAA, Rockville, MD, USA*

11:00am - 1:00pm

**NIAAA-SUPPORTED RESEARCH: A GRANTSMANSHIP WORKSHOP - open**

HARBOR G

Organized by the RSA Education Committee  
Sub-Committee Chairs: Suzy Bird Gulliver and Scott Parnell  
*Everyone Welcome - Light Lunch available with TICKET.*

11:00am - 1:00pm

**NIAAA INFORMATION TRAINING WORKSHOP:  
HUMAN SUBJECTS DATA POLICY CHANGE - open**

HARBOR I

*Trish Powell, Ph.D., (NIAAA) - "An Introduction to the new NIAAA data sharing policy"*  
*Greg Farber, Ph.D., National Institute of Mental Health - "An Overview of the NIMH Data Archive"*  
*Malcolm Jackson, MS, NIMH Contractor - "Data Harmonization and Sharing in the NIMH Data Archive"*  
*Dan Hall, MBA, NIMH Contractor - "Accessing data in the NIMH Data Archive"*

11:00am - 1:00pm

**ACER: ALCOHOLISM: CLINICAL AND EXPERIMENTAL RESEARCH - closed**

OFF-SITE

Board of Field Editors Meeting / Luncheon

12noon - 1:00pm

**ANIMAL RESEARCH AND ETHICS COMMITTEE - PLANNING MEETING - open**

HARBOR D

Chairs: Julia Chester and Donna Platt

1:20pm - 2:50pm

SYMPOSIUM

HARBOR H

**CURRENT ADVANCES IN ALCOHOL-INDUCED IMMUNE DYSFUNCTION**  
**ORGANIZERS/CHAIRS: MASHKOOR CHOUDHRY, LOYOLA UNIVERSITY CHICAGO, MAYWOOD, IL, USA**  
**AND PING ZHANG, NORTHEAST OHIO MEDICAL UNIVERSITY, ROOTSTOWN, OH, USA**

- 1:20 PM INTRODUCTION  
*Pranoti Mandrekar, University of Massachusetts Medical Center, Worcester, MA, USA*
- 1:25 PM DIMINISHED NEUTROPHIL EXTRACELLULAR TRAP (NET) FORMATION IS A NOVEL INNATE IMMUNE DEFICIENCY INDUCED BY ACUTE ETHANOL EXPOSURE IN POLYMICROBIAL SEPSIS  
*Samithamby Jeyaseelan, Louisiana State University, New Orleans, LA, USA*
- 1:43 PM ACUTE ALCOHOL INTOXICATION SUPPRESSES EARLY IL-17 RESPONSE DURING PNEUMOCOCCAL PNEUMONIA  
*Giraldina Trevejo-Nunez, University of Pittsburgh, Pittsburgh, PA, USA*
- 2:01 PM ALCOHOL POTENTIATES SYMPTOMS AND SUSCEPTIBILITY TO INFECTION IN ULCERATIVE COLITIS  
*Abigail Cannon, Loyola University Chicago, Maywood, IL, USA*
- 2:19 PM ALCOHOL IMPAIRS THE GRANULOPOIETIC RESPONSE TO SEPTIC INFECTION BY DISRUPTING SONIC HEDGEHOG SIGNALING IN HEMATOPOIETIC STEM CELLS

\*\*\*Indicates a Translational Session. 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.

2:37 PM **Ping Zhang**, *Northeast Ohio Medical University, Rootstown, OH, USA*  
DISCUSSANT/QUESTION MODERATOR  
**Li Lin**, *NIAAA/NIH, Bethesda, MD, USA*



## TUESDAY, JUNE 19

1:20pm - 2:50pm

SYMPOSIUM

HARBOR B

**MICRORNA DIFFERENTIAL EXPRESSION RESULTING IN OR FROM ALCOHOL USE DISORDERS**  
**ORGANIZERS/CHAIRS: ABBAS PARSIAN, NIAAA/NIH, ROCKVILLE, MD, USA,**  
**AND HUIPING ZHANG, BOSTON UNIVERSITY SCHOOL OF MEDICINE, BOSTON, MA, USA**

- 1:20 PM INTRODUCTION  
*Abbas Parsian, NIAAA/NIH, Rockville, MD, USA*
- 1:25 PM GOOD (AND BAD) THINGS COME IN SMALL PACKAGES: MIRNA MEDIATED GENETIC PREDISPOSITION TO ALCOHOL RELATED BEHAVIORS  
*Katerina Kechris, University of Colorado, Anschutz Medical Campus, Aurora, CO, USA*
- 1:43 PM EXOSOME-DERIVED EXTRACELLULAR MICRORNAS: BIOLOGICAL FUNCTIONS AND POTENTIAL MEDIATORS OF PRENATAL ALCOHOL EFFECTS  
*Rajesh Miranda, Texas A&M Health Science Center/College of Medicine, Bryan, TX, USA*
- 2:01 PM SILENCING SYNAPTIC MICRORNA-411 REDUCES VOLUNTARY ALCOHOL CONSUMPTION IN MICE  
*R Dayne Mayfield, Waggoner Center for Alcohol & Addiction, Austin, TX, USA*
- 2:19 PM SALIVARY MICRORNAS AS BIOMARKERS FOR ALCOHOL DEPENDENCE  
*Huiping Zhang, Boston University School of Medicine, Boston, MA, USA*
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
*Michael Miles, Virginia Commonwealth University, Richmond, VA, USA*

1:20pm - 2:50pm

SYMPOSIUM

HARBOR E

**PATHWAYS THAT GATE OR DRIVE ALCOHOL REWARD AND INTAKE: FROM MOLECULES TO CIRCUITRIES**  
**ORGANIZER/CHAIR: DORIT RON, UNIVERSITY OF CALIFORNIA-SF, SAN FRANCISCO, CA, USA**  
**CHAIR: THOMAS KASH, BOWLES CENTER FOR ALCOHOL STUDIES, UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL, NC, USA**

- 1:20 PM INTRODUCTION  
*Danny Winder, Vanderbilt University School of Medicine, Nashville, TN, USA*
- 1:25 PM PERSISTENT CONTROL OF ALCOHOL-SEEKING BEHAVIOR BY OPTOGENETIC INDUCTION OF CORTICOSTRIATAL SYNAPTIC PLASTICITY IN THE DORSOMEDIAL STRIATUM OF RATS  
*Jun Wang, Texas A&M Health Science Center, Bryan, TX, USA*
- 1:43 PM CORTICAL-BRAINSTEM PROJECTIONS GATE COMPULSIVE ALCOHOL DRINKING  
*Cody Siciliano, Massachusetts Institute of Technology, Cambridge, MA, USA*
- 2:01 PM ALCOHOL LEARNING INDUCED PLASTICITY IN THE BNST  
*Thomas Kash, Bowles Center for Alcohol Studies, University of North Carolina, Chapel Hill, NC, USA*
- 2:19 PM BDNF IN OFC TO DLS CIRCUITRY GATES THE DEVELOPMENT OF EXCESSIVE ALCOHOL CONSUMPTION  
*Dorit Ron, University of California- SF, San Francisco, CA, USA*
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
*Kristen Pleil, Weill Cornell Medicine, New York, NY, USA*

## TUESDAY, JUNE 19

1:20pm - 2:50pm

SYMPOSIUM

HARBOR G

**\*\*\*RISK FACTORS FOR ALCOHOL USE DISORDER: AN EXAMINATION OF NEURAL AND BEHAVIORAL MECHANISMS FROM THE LABORATORY TO THE CLINIC  
ORGANIZERS/CHAIRS: JOSHUA GOWIN, NIAAA, BETHESDA, MD, USA  
AND VIJAY RAMCHANDANI, NIAAA, BETHESDA, MD, USA**

- 1:20 PM INTRODUCTION  
*Vijay Ramchandani, NIAAA, Bethesda, MD, USA*
- 1:25 PM STRIATAL DOPAMINE RECEPTORS MODULATE THE STIMULATORY AND SEDATIVE EFFECTS OF ETHANOL  
*Miriam Bocarsly, NIH, Rockville, MD, USA*
- 1:43 PM COGNITIVE FLEXIBILITY AS A RISK FACTOR FOR HEAVY DRINKING IN RHESUS MONKEYS  
*Kathleen Grant, Oregon Health & Science University, Beaverton, OR, USA*
- 2:01 PM PATTERNS OF ALCOHOL CONSUMPTION AND RISK FOR ALCOHOL USE DISORDER  
*Joshua Gowin, NIAAA, Bethesda, MD, USA*
- 2:19 PM MECHANISMS UNDERLYING RISK FOR RELAPSE AMONG INDIVIDUALS WITH ALCOHOL USE DISORDER AND COMORBID POSTTRAUMATIC STRESS DISORDER (PTSD)  
*Ismene Petrakis, Yale University School of Medicine, West Haven, CT, USA*
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
*Ismene Petrakis, Yale University School of Medicine, West Haven, CT, USA*

1:20pm - 2:50pm

SYMPOSIUM

HARBOR I

**NEW FINDINGS ON ALCOHOL AND INJURY FROM EMERGENCY HARBOR STUDIES  
ORGANIZER/CHAIR: CHERYL CHERPITEL, ALCOHOL RESEARCH GROUP, EMERYVILLE, CA, USA**

- 1:20 PM INTRODUCTION  
*Cheryl Cherpitel, Alcohol Research Group, Emeryville, CA, USA*
- 1:25 PM ALCOHOL AND ROAD TRAFFIC INJURIES IN AFRICA  
*Catherine Staton, Duke University Hospital - Durham, NC*
- 1:43 PM ACUTE ALCOHOL USE AND CHRONIC ALCOHOL PROBLEMS PRECEDING A RECENT SUICIDE ATTEMPT  
*Courtney Bagge, University of Mississippi Medical Center, Jackson, MS, USA*
- 2:01 PM MULTI-LEVEL ANALYSIS OF ALCOHOL-RELATED INJURY, SOCIETAL DRINKING PATTERN AND ALCOHOL CONTROL POLICY: EMERGENCY DEPARTMENT DATA FROM 28 COUNTRIES  
*Cheryl Cherpitel, Alcohol Research Group, Emeryville, CA, USA*
- 2:19 PM AN ASSESSMENT OF METHODOLOGIES TO ESTIMATE THE BURDEN OF INJURIES ATTRIBUTABLE TO ALCOHOL CONSUMPTION  
*Kevin Shield, Centre for Addiction and Mental Health, Toronto, ON, CANADA*
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
*Ralph Hingson, NIAAA, Bethesda, MD, USA*

## TUESDAY, JUNE 19

1:20pm - 2:50pm

SYMPOSIUM

HARBOR C

**THE ADOLESCENT BRAIN COGNITIVE DEVELOPMENT (ABCD) STUDY:  
EMERGING FINDINGS ON SUBSTANCE USE, RISK AND PROTECTIVE FACTORS, AND NEUROIMAGING  
ORGANIZER/CHAIR: MARY HEITZEG, UNIVERSITY OF MICHIGAN, ANN ARBOR, MI, USA  
CHAIR: SANDRA BROWN, UNIVERSITY OF CALIFORNIA SAN DIEGO, SAN DIEGO, CA, USA**

- 1:20 PM INTRODUCTION  
**Sandra Brown, University of California San Diego, San Diego CA, USA**
- 1:25 PM ADOLESCENT BRAIN COGNITIVE DEVELOPMENT (ABCD): AN OVERVIEW OF THE STUDY AND DESCRIPTION OF THE SAMPLE  
**Susan Tapert, University of California San Diego, San Diego, CA, USA**
- 1:43 PM SUBSTANCE USE RATES AND RISK FACTORS IN 9 AND 10 YEAR OLDS: INITIAL FINDINGS FROM THE ABCD STUDY  
**Mary Heitzeg, University of Michigan, Ann Arbor, MI, USA**
- 2:01 PM GENERAL FACTOR ANALYSIS REVEALS LATENT VARIABLES CONNECTING MEDIA ACTIVITY TO PSYCHOPATHOLOGY IN THE ABCD COHORT  
**Martin Paulus, Tulsa, OK, USA**
- 2:19 PM TASK-BASED NEUROIMAGING PROBES OF THE DEVELOPING BRAIN IN THE ABCD STUDY  
**Matthew Sutherland, Florida International University, Miami, FL, USA**
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
**Margaret Murray, NIAAA/NIH, Rockville, MD, USA**

1:20pm - 2:50pm

SYMPOSIUM

HARBOR D

**ANTECEDENTS OF ALCOHOL AND OTHER SUBSTANCE USE: EXAMINING COMMONALITIES  
ACROSS SUBSTANCES USING ECOLOGICAL MOMENTARY ASSESSMENT  
ORGANIZER: RYAN CARPENTER, BROWN UNIVERSITY, PROVIDENCE, RI, USA  
ORGANIZER/CHAIR: RACHEL TOMKO, MEDICAL UNIVERSITY OF SOUTH CAROLINA, CHARLESTON, SC, USA**

- 1:20 PM INTRODUCTION  
**Rachel Tomko, Medical University of South Carolina, Charleston, SC, USA**
- 1:25 PM NATURALISTIC ASSESSMENT OF DUAL CUE ATTENTIONAL BIAS IN MODERATE TO HEAVY-DRINKING SMOKERS  
**R. Ross MacLean, VA Connecticut Healthcare System/Yale University, West Haven, CT, USA**
- 1:43 PM DAILY LIFE ASSOCIATIONS BETWEEN NEGATIVE AFFECT AND ALCOHOL AND CANNABIS USE IN OUTPATIENTS WITH EMOTION DYSREGULATION  
**Andrea Wycoff, University of Missouri, Columbia, MO, USA**
- 2:01 PM USING ALCOHOL, TOBACCO, AND CANNABIS TO COPE WITH NEGATIVE AFFECT BEFORE A STRESSFUL EXAMINATION  
**Sean Lane, Purdue University, West Lafayette, IN, USA**
- 2:19 PM PHYSICAL PAIN AS AN AVERSIVE STIMULUS: NEGATIVE REINFORCEMENT OF ALCOHOL AND OPIOID USE IN DAILY LIFE IN CHRONIC PAIN PATIENTS.  
**Ryan Carpenter, Brown University, Providence, RI, USA**
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
**Thomas Piasecki, University of Missouri, Columbia, MO, USA**

## TUESDAY, JUNE 19

1:20pm - 2:50pm

SYMPOSIUM

HARBOR F

### RECENT ADVANCES IN TECHNOLOGY BASED ALCOHOL INTERVENTION APPROACHES ORGANIZER/CHAIR: JENNI TEETERS, WESTERN KENTUCKY UNIVERSITY, BOWLING GREEN, KY, USA

- 1:20 PM INTRODUCTION  
*Jenni Teeters, Western Kentucky University, Bowling Green, KY, USA*
- 1:25 PM AN INTERACTIVE TEXT-MESSAGE BASED BRIEF INTERVENTION IS ASSOCIATED WITH REDUCTIONS IN ALCOHOL-IMPAIRED DRIVING AMONG COLLEGE DRINKERS  
*Jenni Teeters, Western Kentucky University, Bowling Green, KY, USA*
- 1:43 PM WHICH TEXT MESSAGE COMPONENTS ARE NECESSARY FOR DRINKING REDUCTIONS IN YOUNG ADULTS?  
*Brian Suffoletto, University of Pittsburgh, Pittsburgh, PA, USA*
- 2:01 PM ONLINE INTERVENTIONS FOR NON-TREATMENT SEEKING YOUNG ADULTS: INGREDIENTS FOR LOWERING MOTIVATION, ENGAGEMENT, AND EFFICACY  
*Clayton Neighbors, University of Houston, Houston, TX, USA*
- 2:19 PM ADAPATING TRANSDERMAL ALCOHOL MONITORING PROCEDURES FROM EVIDENTIARY TO TREATMENT APPLICATIONS  
*Charles Mathias, University of Texas Health Science Center San Antonio, San Antonio, TX, USA*
- 2:37 PM DISCUSSANT/QUESTION MODERATOR  
*James Murphy, University of Memphis, Memphis, TN, USA*

2:50pm - 3:10pm

COFFEE BREAK

HARBOR FOYER

3:10pm - 4:40pm

SYMPOSIUM

HARBOR I

### NOVEL PLAYERS OF ALCOHOL MEDIATED INFLAMMATION AND ORGAN INJURY ORGANIZER/CHAIR: PRANOTI MANDREKAR, UNIVERSITY OF MASSACHUSETTS MEDICAL CENTER, WORCESTER, MA, USA ORGANIZER: ASHWANI SINGAL, UNIVERSITY OF ALABAMA, BIRMINGHAM, AL, USA

- 3:10 PM INTRODUCTION  
*Ashwani Singal, University of Alabama, Birmingham, AL, USA*
- 3:10 PM INTESTINAL INFLAMMATION AS TARGET FOR ALCOHOLIC LIVER DISEASE  
*Bernd Schnabl, University of California San Diego, San Diego, CA, USA*
- 3:10 PM NADPH OXIDASES IN STELLATE CELL-MEDIATED ALCOHOLIC LIVER INJURY  
*Natalie Torok, UC Davis, Sacramento, CA, USA*
- 3:10 PM ALCOHOL-INDUCED ADIPOSE TISSUE INFLAMMATION IS INDEPENDENT OF MYELOID TOLL-LIKE RECEPTOR 4 EXPRESSION  
*Pranoti Mandrekar, University of Massachusetts Medical Center, Worcester, MA, USA*
- 3:10 PM MIRNA REGULATION OF MACROPHAGE M1/M2 POLARIZATION OF KUPFFER CELLS AND PBMCS IN ALCOHOLIC LIVER DISEASE  
*Adam Kim, Cleveland Clinic, Cleveland, OH, USA*
- 3:10 PM DISCUSSANT/QUESTION MODERATOR  
*Gyongyi Szabo, University of Massachusetts, Worcester, MA, USA*

## TUESDAY, JUNE 19

3:10pm - 4:40pm

WORKSHOP

HARBOR B

**\*\*\*USING ALCOHOL BIOSENSOR HARDWARE AND SOFTWARE IN RESEARCH: OPTIONS AND APPLICATIONS**  
**ORGANIZER/CHAIR: SUSAN LUCZAK, UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES, CA, USA**  
**ORGANIZER: NANCY BARNETT, BROWN UNIVERSITY SCHOOL OF PUBLIC HEALTH, PROVIDENCE, RI, USA**

- 3:10 PM INTRODUCTION  
*Susan Luczak, University of Southern California, Los Angeles, CA, USA*
- 3:15 PM ALCOHOL BIOSENSORS: PRINCIPLES, APPLICATIONS AND DEVELOPMENT HISTORY  
*Robert Swift, Brown University, Providence, RI, USA*
- 3:30 PM A REVIEW OF ALCOHOL BIOSENSOR HARDWARE AND SOFTWARE AND THEIR USE IN ALCOHOL RESEARCH  
*Susan Luczak, University of Southern California, Los Angeles, CA, USA*
- 3:45 PM EXPERIENCES USING THREE TRANSDERMAL ALCOHOL BIOSENSORS FOR ALCOHOL USE MONITORING AND INTERVENTION: BENEFITS AND LIMITATIONS  
*Yan Wang, University of Florida, Gainesville, FL, USA*
- 4:00 PM USING TRANSDERMAL TECHNOLOGY TO UNDERSTAND ALCOHOL-RELATED EMOTIONAL REINFORCEMENT AMONG HEAVY DRINKERS IN EVERYDAY DRINKING CONTEXTS  
*Catharine Fairbairn, University of Illinois at Urbana-Champaign, Champaign, IL, USA*
- 4:15 PM OPEN DISCUSSION  
*Nancy Barnett, Brown University, Providence, RI, USA*

3:10pm - 4:40pm

SYMPOSIUM

HARBOR G

**\*\*\*MAKING GO/NO-GO DECISIONS ABOUT NOVEL ADDICTION PHARMACOTHERAPIES:  
INSIGHTS FROM HUMAN LABORATORY STUDIES**  
**ORGANIZERS/CHAIRS: LARA RAY, UCLA, LOS ANGELES, CA, USA**  
**AND SPENCER BUJARSKI, UCLA, LOS ANGELES, CA, USA**

- 3:10 PM INTRODUCTION  
*Lara Ray, UCLA, Los Angeles, CA, USA*
- 3:15 PM PREDICTIVE VALUE OF A HUMAN LABORATORY PARADIGM FOR SCREENING MEDICATIONS TO TREAT ADOLESCENT ALCOHOL MISUSE  
*Robert Miranda, Brown University, Providence, RI, USA*
- 3:33 PM FROM THE LAB TO THE CLINIC: A NOVEL TRANSLATIONAL META-ANALYTIC APPROACH TO ALCOHOLISM MEDICATION DEVELOPMENT  
*Spencer Bujarski, UCLA, Los Angeles, CA, USA*
- 3:51 PM EVALUATING MEDICATIONS FOR COCAINE OR METHAMPHETAMINE USE DISORDER IN THE HUMAN LAB  
*Richard De La Garza, Baylor College of Medicine, Houston, TX, USA*
- 4:09 PM DEVELOPING MEDICATIONS FOR OPIOID USE DISORDER IN THE HUMAN LABORATORY  
*Sandra Comer, Columbia University, New York, NY, USA*
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
*Raye Litten, NIAAA, Rockville, MD, USA*

## TUESDAY, JUNE 19

3:10pm - 4:40pm

SYMPOSIUM

HARBOR H

**\*\*\*NORADRENERGIC MECHANISMS AT THE INTERSECTION OF ALCOHOL DEPENDENCE AND STRESS**  
ORGANIZERS/CHAIRS: FLORENCE VARODAYAN, THE SCRIPPS RESEARCH INSTITUTE, LA JOLLA, CA, USA  
AND MARISA ROBERTO, THE SCRIPPS RESEARCH INSTITUTE, LA JOLLA, CA, USA

- 3:10 PM INTRODUCTION  
*Marisa Roberto, The Scripps Research Institute, La Jolla, CA, USA*
- 3:15 PM NORADRENERGIC REGULATION OF CENTRAL AMYGDALA GABA SYNAPSES IS ALTERED BY ALCOHOL DEPENDENCE  
*Florence Varodayan, The Scripps Research Institute, La Jolla, CA, USA*
- 3:33 PM NORADRENERGIC FUNCTION AFTER CHRONIC STRESS AND ETHANOL EXPOSURE  
*David Moorman, University of Massachusetts - Amherst, Amherst, MA, USA*
- 3:51 PM ADMINISTRATION OF THE NORADRENERGIC-SELECTIVE ANTIDEPRESSANT REBOXETINE ALONG ALCOHOL WITHDRAWAL INCREASES ALCOHOL SELF-ADMINISTRATION AFTER RELAPSE  
*Fernando Rodriguez De Fonseca, INSTITUTO IBIMA DE MALAGA, Malaga, SPAIN*
- 4:09 PM EFFECTS OF NORADRENERGIC TARGETS ON ALCOHOL CRAVING, WITHDRAWAL, NEURAL AND PERIPHERAL STRESS RESPONSES AND ALCOHOL TREATMENT OUTCOMES  
*Helen Fox, Stony Brook University, Stony Brook, NY, USA*
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
*Sara Jones, Wake Forest School of Medicine, Winston-Salem, NC, USA*

3:10pm - 4:40pm

SYMPOSIUM

HARBOR C

**\*\*\*NOVEL MECHANISMS REGULATING ALCOHOL SEEKING AND RELAPSE: THE VIEW FROM LATIN-AMERICA**  
ORGANIZERS/CHAIRS: C FERNANDO VALENZUELA, UNIVERSITY OF NEW MEXICO HSC, ALBUQUERQUE, NM, USA  
AND RICARDO PAUTASSI, INIMEC-CONICET, CORDOBA, ARGENTINA

- 3:10 PM INTRODUCTION  
*C. Fernando Valenzuela, University of New Mexico HSC, Albuquerque, NM, USA*
- 3:15 PM FETAL PROGRAMMING OF HEIGHTENED ETHANOL PREFERENCE AND NEONATAL BREATHING DISRUPTIONS: COMMON DENOMINATORS BASED ON ETHANOL-RELATED LEARNING PROCESSES  
*Juan Carlos Molina, Instituto de Investigaciones Medicas Mercedes y Martin Ferreyra-CONICET, Cordoba, Argentina*
- 3:33 PM A PERSISTENT REDOX IMBALANCE UNDERLIES MALADAPTIVE BEHAVIOR IN ADOLESCENT OFFSPRING EXPOSED PRE- AND POST-NATALLY TO ETHANOL.  
*Paola Haeger, Universidad Catolica del Norte, Coquimbo, Chile*
- 3:51 PM THE PRELIMBIC CORTEX NEURONAL ENSEMBLES ENCODE ASSOCIATIVE MEMORIES BETWEEN ALCOHOL REWARDING EFFECTS AND CONTEXTUAL CUES  
*Fabio Cruz, Universidade Federal de São Paulo, Sao Paulo, Brazil*
- 4:09 PM EXPRESSION OF ETHANOL SENSITIVE GLYCINE RECEPTORS IN SEVERAL BRAIN REGIONS IN WILD TYPE AND ALPHA1 KI MICE  
*Luis Aguayo, University of Concepcion, Concepcion, Chile*
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
*Ricardo Pautassi, INIMEC-CONICET, Cordoba, Argentina*

## TUESDAY, JUNE 19

3:10pm - 4:40pm

SYMPOSIUM

HARBOR D

EXPLAINING THE DYNAMICS OF POPULATION ALCOHOL USE OVER LONG TIME HORIZONS USING CALIBRATED, SYSTEMS-BASED COMPUTER MODELING  
ORGANIZER/CHAIR: ROBIN PURSHOUSE, UNIVERSITY OF SHEFFIELD, SHEFFIELD, UNITED KINGDOM  
ORGANIZERS: WILLIAM KERR, ALCOHOL RESEARCH GROUP, EMERYVILLE, CA, USA  
AND JÜRGEN REHM, CENTRE FOR ADDICTION AND MENTAL HEALTH, TORONTO, CA, USA

- 3:10 PM INTRODUCTION  
*Jürgen Rehm, Centre for Addiction and Mental Health, Toronto, Ontario, Canada*
- 3:15 PM A CONCEPTUAL FRAMEWORK FOR MODELING ALCOHOL USE DYNAMICS OVER POPULATION HEALTH TIME HORIZONS  
*Robin Purshouse, University of Sheffield, Sheffield, United Kingdom*
- 3:33 PM CAN NORMATIVE MECHANISMS EXPLAIN THE CHANGES IN FEMALE DRINKING PATTERNS OVER THE PAST DECADES? AN AGENT-BASED MODEL  
*Charlotte Probst, Centre for Addiction and Mental Health, Toronto, Ontario, Canada*
- 3:51 PM MODELING SOCIAL NETWORK SELECTION AND INFLUENCE MECHANISMS ON ALCOHOL USE AT LARGE SCALE: AN EXPLORATORY AGENT-BASED MODEL  
*Alexandra Nielsen, Alcohol Research Group, Public Health Institute, Emeryville, CA, USA*
- 4:09 PM PLATFORM FOR CALIBRATED, SYSTEM-BASED MODELS OF ALCOHOL USE DYNAMICS  
*Alan Brennan, The University of Sheffield, Sheffield, United Kingdom*
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
*William Kerr, Alcohol Research Group, Public Health Institute, Emeryville, CA, USA*

3:10pm - 4:40pm

SYMPOSIUM

HARBOR E

ADVANCES IN CLARIFYING ALCOHOL'S ROLE IN HIV ACQUISITION IN SUB-SAHARA AFRICA  
ORGANIZER/CHAIR: ROBERT FREEMAN, NIAAA, BETHESDA, MD, USA  
CHAIR: SARAH FELDSTEIN-EWING, OREGON HEALTH & SCIENCE UNIVERSITY, PORTLAND, OR, USA

- 3:10 PM INTRODUCTION  
*Susan Kiene, San Diego State University Graduate School of Public Health, San Diego, CA, USA*
- 3:15 PM ALCOHOL USE AND OTHER PSYCHOSOCIAL CORRELATES OF SELF-REPORTED HIV AMONG YOUTH LIVING IN THE SLUMS OF KAMPALA, UGANDA  
*Monica Swahn, Georgia State University, Atlanta, GA, USA*
- 3:33 PM SOCIAL DESIRABILITY AND REPORTED ALCOHOL USE AMONG PERSONS WITH HIV IN UGANDA.  
*Julian Adong, Mbarara University of Science and Technology, Mbarara, Uganda*
- 3:51 PM YOUNG MEN'S ATTITUDES ABOUT AN ALCOHOL SCREENING AND BRIEF INTERVENTION DURING HIV POST-TEST COUNSELING IN THREE FISHING VILLAGES OF RAKAI, UGANDA  
*Jennifer Wagman, University of California San Diego, San Diego, CA, USA*
- 4:09 PM USING PARTICIPATORY METHODOLOGIES TO UNDERSTAND ADOLESCENTS EXPERIENCES WITH ALCOHOL AND SEX IN URBAN TANZANIA  
*Marni Sommer, Mailman School of Public Health, Columbia University, New York, NY, USA*
- 4:27 PM DISCUSSANT/QUESTION MODERATOR  
*Sarah Feldstein Ewing, Oregon Health & Science University, Portland, OR, USA*

## TUESDAY, JUNE 19

3:10pm - 4:40pm

ROUNDTABLE

HARBOR F

**AN EFFECTIVE HANGOVER TREATMENT: A GATEWAY TO EXCESSIVE DRINKING OR A NECESSITY?**

**ORGANIZERS: JORIS VERSTER, UTRECHT UNIVERSITY, UTRECHT, THE NETHERLANDS**

**AND MARLOU MACKUS, UTRECHT UNIVERSITY, UTRECHT, THE NETHERLANDS**

**CHAIR: ANDREW SCHOLEY, SWINBURNE UNIVERSITY, MELBOURNE, AUSTRALIA**

3:10 PM INTRODUCTION  
*Andrew Scholey, Swinburne University, Melbourne, Australia*

3:15 PM PANELISTS:  
NEUROCOGNITIVE EFFECTS OF THE ALCOHOL HANGOVER  
*Andrew Scholey, Swinburne University, Melbourne, Australia*  
CURRENTLY AVAILABLE HANGOVER TREATMENTS AND THEIR EFFECTIVENESS  
*Sean Johnson, University of the west of England, Bristol, United Kingdom*  
THE NECESSITY OF AN EFFECTIVE HANGOVER TREATMENT  
*Joris Verster, Utrecht University, Utrecht, The Netherlands*  
AN EFFECTIVE HANGOVER TREATMENT: A GATEWAY TO ALCOHOL ABUSE?  
*Thomas Piasecki, University of Missouri, Columbia, MO, USA*

4:15PM OPEN DISCUSSION  
*Sarah Benson, Swinburne University, Hawthorn, Australia*

4:50pm - 6:50pm

POSTER SESSION I

GRAND HALL AB

**POSTER NUMBERS: 1-251 / ABSTRACT NUMBERS: 505-755**  
Two 1-hour manning periods - ODD Number first hour; EVEN Number second hour  
(light refreshments)

\*\*\*\*\*

## WEDNESDAY, JUNE 20

6:30am - 8:00am

CONTINENTAL BREAKFAST - Nametag Required

HARBOR FOYER

7:30am - 1:00pm

RSA REGISTRATION DESK - Open

GRAND HALL

8:00am - 8:45am

PLENARY SESSION IV  
RSA EARLY CAREER INVESTIGATOR AWARDEE (2017)

GRAND HALL CD

**ALCOHOL-RELATED INTIMATE PARTNER VIOLENCE**

*Ryan Shorey, Ph.D., Department of Psychology, University of Ohio, Athens, OH*

Dr. Ryan Shorey is currently Assistant Professor, Department of Psychology, Ohio University and Friend-Adjunct Assistant Professor, Department of Psychology, University of Tennessee, Knoxville. His program of research has focused extensively on the intersection between alcohol use and intimate partner violence (IPV) among young adults. There is a robust theoretical and empirical literature documenting alcohol as a risk factor for perpetrating intimate partner violence (IPV; i.e., physical, sexual, and psychological aggression). Yet, alcohol alone is not a necessary or sufficient cause of IPV, and it is theorized that individual difference and contextual factors impact the association between alcohol and IPV. Minimal research has examined factors that increase the risk for IPV at the proximal level, hindering efforts at improving IPV intervention programs. In this talk I will review my prior and ongoing daily diary research on psychological (e.g., proximal negative affect; anger management) and biological (i.e., cumulative genetic risk) moderators of the temporal association between alcohol and IPV perpetration in young adults. The implications of my work for future research and IPV intervention will be discussed.



## WEDNESDAY, JUNE 20

8:45am - 9:15am

COFFEE BREAK

HARBOR FOYER

9:15am - 10:45am

SYMPOSIUM

HARBOR B

### BRAIN REWARD AND BRAIN STRESS SYSTEM CROSS-TALK IN ALCOHOL ADDICTION ORGANIZER/CHAIR: NICHOLAS GILPIN, LSU HEALTH SCIENCE CENTER, NEW ORLEANS, LA, USA

- 9:15 AM INTRODUCTION  
*Nicholas Gilpin, LSU Health Science Center, New Orleans, LA, USA*
- 9:20 AM CENTRAL AMYGDALA CORTICOTROPIN RELEASING FACTOR NEURONS ENCODE AND MODULATE BINGE DRINKING  
*Dennis Sparta, University of Maryland School of Medicine, Baltimore, MD, USA*
- 9:38 AM CORTICOTROPHIN RELEASING FACTOR ALTERS KAPPA OPIOID RECEPTOR FUNCTION IN A SUBSET OF DOPAMINE NEURONS IN THE VENTRAL TEGMENTAL AREA  
*Elyssa Margolis, UCSf, San Francisco, CA, USA*
- 9:56 AM ALCOHOL DEPENDENCE IMPACTS MIDBRAIN PROJECTIONS TO CENTRAL AMYGDALA  
*Elizabeth Avegno, LSU Health Science Center, New Orleans, LA, USA*
- 10:14 AM KETAMINE INOCULATION REGULATES EXCITATORY DRIVE IN THE BNST AND PREVENTS THE MANIFESTATION OF AFFECTIVE DISTURBANCES DURING ETHANOL FORCED ABSTINENCE  
*Danny Winder, Vanderbilt University School of Medicine, Nashville, TN, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
*Thomas Kash, Bowles Center for Alcohol Studies, University of North Carolina, Chapel Hill, NC, USA*

9:15am - 10:45am

SYMPOSIUM

HARBOR I

### ASTROCYTES & ALCOHOL: BEYOND NEUROINFLAMMATION ORGANIZER/CHAIR: MARINA GUIZZETTI, OREGON HEALTH & SCIENCE UNIVERSITY, PORTLAND, OR, USA CHAIR: MARY-LOUISE RICHER, JOAN C EDWARDS SCHOOL OF MEDICINE, HUNTINGTON, WV, USA

- 9:15 AM INTRODUCTION  
*Marina Guizzetti, Oregon Health & Science University, Portland, OR, USA*
- 9:20 AM STRITAL ADENOSINE SIGNALING AND NEURON-ASTROCYTE INTERACTION IN ALCOHOL USE DISORDER  
*Doo-Sup Choi, Mayo Clinic, Rochester, MN, USA*
- 9:38 AM ADOLESCENT INTERMITTENT ETHANOL EXPOSURE: ELUCIDATING THE ROLE OF ASTROCYTES IN THE MODULATION OF NEURONAL FUNCTION  
*Mary-Louise Risher, Joan C. Edwards School of Medicine, Huntington, WV, USA*
- 9:56 AM ASTROCYTE-MEDIATED CONTROL OF NEURON REDOX HOMEOSTASIS: A HIGHLY EVOLVED MECHANISM OF NEUROPROTECTION AGAINST ALCOHOL AND OTHER PROOXIDANTS  
*George Henderson, Texas Tech University Health Science Center, Lubbock, TX, USA*
- 10:14 AM THE REMODELING OF ASTROCYTE EXTRACELLULAR MATRIX BY ETHANOL DURING BRAIN DEVELOPMENT  
*Marina Guizzetti, Oregon Health & Science University, Portland, OR, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
*Soundararajan Regunathan, NIAAA/NIH, Bethesda, MD, USA*

## WEDNESDAY, JUNE 20

9:15am - 10:45am

SYMPOSIUM

HARBOR H

**ENGINEERED BIOMIMETIC MODELS FOR STUDYING MECHANISMS OF ALCOHOL-INDUCED TISSUE INJURY**  
**ORGANIZERS/CHAIRS: SRIVATSAN KIDAMBI, UNIVERSITY OF NEBRASKA-LINCOLN, LINCOLN, NE, USA**  
**AND RAJANIKANTH VADIGEPALLI, THOMAS JEFFERSON UNIVERSITY, PHILADELPHIA, PA, USA**

- 9:15 AM INTRODUCTION  
*Srivatsan Kidambi, University of Nebraska-Lincoln, Lincoln, NE, USA*
- 9:20 AM DISEASE IN A DISH: ENGINEERING TISSUE MICROENVIRONMENT TO RECREATE SNAPSHOT OF DISEASE PROGRESSION  
*Srivatsan Kidambi, University of Nebraska-Lincoln, Lincoln, NE, USA*
- 9:38 AM A NOVEL 3D-LIVER-ON-A-CHIP MODEL FOR EX VIVO LIVER STUDIES  
*Michael Bouchard, Drexel University College of Medicine, Philadelphia, PA, USA*
- 9:56 AM RAPID 3D BIOPRINTING: AN ENABLING PLATFORM FOR MICROPHYSIOLOGICAL SYSTEMS  
*Shaochen Chen, University of California, San Diego, San Diego CA, USA*
- 10:14 AM IN SILICO BIOMIMETIC MODELS OF MULTICELLULAR INTERACTION NETWORK DYNAMICS  
*Rajanikanth Vadigepalli, Thomas Jefferson University, Philadelphia, PA, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
*Jan Hoek, Thomas Jefferson University, Philadelphia, PA, USA*

9:15am - 10:45am

SYMPOSIUM

HARBOR G

**\*\*\*ALCOHOL-ASSOCIATED IMMUNE DYSFUNCTION AND LUNG DISEASE: NEW THERAPEUTIC HORIZONS**  
**ORGANIZERS/CHAIRS: SAMANTHA YELIGAR, EMORY UNIVERSITY / ATLANTA VA MEDICAL CENTER, DECATUR, GA, USA**  
**AND ELLEN BURNHAM, UNIVERSITY OF COLORADO, AURORA, CO, USA**

- 9:15 AM INTRODUCTION  
*Samantha Yeligar, Emory University / Atlanta VA Medical Center, Decatur, GA, USA*
- 9:20 AM ALCOHOL BIOMARKERS FOR IDENTIFICATION OF ALCOHOL MISUSE IN TRAUMA PATIENTS  
*Majid Afshar, Loyola University Chicago, Maywood, IL, USA*
- 9:38 AM DIFFERENTIAL EPIGENETIC EFFECTS OF ALCOHOL EXPOSURE AND THE TRANSIENT ANTI-OXIDANT PROTECTIVE EFFECT OF TRICHOSTATIN A, IN HUMAN DENDRITIC CELLS  
*Tiyash Parira, Florida International University, Miami, FL, USA*
- 9:56 AM CATELICIDIN RECOVERY VIA ORGANOSULFUR-MEDIATED CYP2E1 INHIBITION IN ETHANOL-TREATED IMMORTALIZED HUMAN PULMONARY EPITHELIAL CELLS  
*Michael McCaskill, Tulane University, New Orleans, LA, USA*
- 10:14 AM ROLE OF ACQUIRED CFTR DYSFUNCTION IN ALCOHOL IMPAIRMENT OF MUCUS CLEARANCE  
*S.Vamsee Raju, University Alabama at Birmingham, Birmingham, AL, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
*Elizabeth Kovacs, University of Colorado Denver, Aurora, CO, USA*

## WEDNESDAY, JUNE 20

9:15am - 10:45am

SYMPOSIUM

HARBOR E

**OUT WITH THE OLD, IN WITH THE NEW: METHODOLOGICAL ADVANCES IN ASSESSING RISKY DRINKING**  
**ORGANIZERS/CHAIRS: DANIEL FRIDBERG, UNIVERSITY OF CHICAGO, CHICAGO, IL, USA**  
**AND ANDREA KING, UNIVERSITY OF CHICAGO, CHICAGO, IL, USA**

- 9:15 AM INTRODUCTION  
**Daniel Fridberg, University of Chicago, Chicago, IL, USA**
- 9:20 AM APPLICATIONS OF A HUMAN LABORATORY MODEL OF IMPAIRED CONTROL OVER ALCOHOL USE TO TESTS OF NEW INTERVENTIONS FOR HEAVY DRINKING YOUNG ADULTS  
**Robert Leeman, University of Florida, Gainesville, FL, USA**
- 9:38 AM UNDERSTANDING THE RECIDIVIST DUI OFFENDER BY STUDYING THEIR ACUTE REACTION TO ALCOHOL  
**Mark Fillmore, University of Kentucky, Lexington, KY, USA**
- 9:56 AM DÉJÀ BREW? SUBJECTIVE ALCOHOL RESPONSES IN HEAVY DRINKERS OVER A DECADE OF RE-EXAMINATION TESTING  
**Andrea King, University of Chicago, Chicago, IL, USA**
- 10:14 AM INTO THE WILD: MOBILE SMARTPHONE ASSESSMENT OF REAL-WORLD BINGE DRINKING  
**Daniel Fridberg, University of Chicago, Chicago, IL, USA**
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
**Raymond Anton, Medical University of South Carolina, Charleston, SC, USA**

9:15am - 10:45am

SYMPOSIUM

HARBOR F

**UNDERSTANDING AND PREVENTING IMPAIRED DRIVING AND RIDING WITH AN IMPAIRED DRIVER**  
**ORGANIZERS/CHAIRS: BRITTNEY HULTGREN, UNIVERSITY OF WASHINGTON, SEATTLE, WA, USA**  
**AND MARY LARIMER, UNIVERSITY OF WASHINGTON, SEATTLE, WA, USA**

- 9:15 AM INTRODUCTION  
**Robert Turrisi, Penn State University, University Park, PA, USA**
- 9:20 AM IMPAIRED DRIVING AMONG RECENT LATINO IMMIGRANTS TO SOUTHERN FLORIDA  
**Eduardo Romano, Pacific Institute for Research & Evaluation, Calverton, MD, USA**
- 9:38 AM PSYCHOSOCIAL AND BEHAVIORAL DECISION-MAKING PREDICTORS OF RIDING WITH AN IMPAIRED DRIVER AND IMPAIRED DRIVING BEHAVIORS IN COLLEGE STUDENTS  
**Brittney Hultgren, University of Washington, Seattle, WA, USA**
- 9:56 AM DWI OFFENDERS AND DRIVING BEHAVIOR  
**Amy Manning, SUNY at Buffalo and PIRE, Buffalo, NY, USA**
- 10:14 AM MODELING THE DECISION TO DRIVE AFTER DRINKING  
**Denis McCarthy, University of Missouri, Columbia, MO, USA**
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
**Ralph Hingson, NIAAA, Bethesda, MD, USA**

## WEDNESDAY, JUNE 20

9:15am - 10:45am

SYMPOSIUM

HARBOR D

**LEVERAGING NATIONAL EPIDEMIOLOGICAL DATA TO ADVANCE AN EMPIRICAL UNDERSTANDING OF SUBSTANCE MISUSE IN LGBT SUB-POPULATIONS**  
**ORGANIZERS/CHAIRS: AMELIA TALLEY, TEXAS TECH UNIVERSITY, LUBBOCK, TX, USA**  
**AND PAUL GILBERT, UNIVERSITY OF IOWA COLLEGE OF PUBLIC HEALTH, IOWA CITY, IA, USA**

- 9:15 AM INTRODUCTION  
*Judith Arroyo, NIAAA, Rockville, MD, USA*
- 9:20 AM SEXUAL MINORITY YOUTH ARE AT ELEVATED RISK FOR RECENT USE OF MULTIPLE SUBSTANCES  
*Sarah Dermody, Oregon State University, Corvallis, OR, USA*
- 9:38 AM EMPIRICAL IDENTIFICATION OF SEXUAL MINORITY SUBGROUPS AND THEIR RISK FOR PERSISTENT ALCOHOL, MARIJUANA, AND TOBACCO USE IN ADOLESCENCE  
*Amelia Talley, Texas Tech University, Lubbock, TX, USA*
- 9:56 AM TRENDS IN TOBACCO AND MARIJUANA USE ACROSS SEXUAL IDENTITY GROUPS: NATIONAL ALCOHOL SURVEY 2000 - 2015  
*Karen Trocki, Public Health Institute, Emeryville, CA, USA*
- 10:14 AM WHO'S AT-RISK OF WHAT? A LATENT CLASS ANALYSIS OF MEN'S DRINKING BY SEXUAL ORIENTATION  
*Paul Gilbert, University of Iowa College of Public Health, Iowa City, IA, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
*Ethan Mereish, American University, Washington, DC, USA*

9:15am - 10:45am

SYMPOSIUM

HARBOR C

**THE BOON AND BANE OF SOCIAL LIVING: NOVEL TAKES ON SOCIAL PROCESSES IN PREDICTING AND INTERVENING TO REDUCE ALCOHOL USE**  
**ORGANIZERS/CHAIRS: ALLECIA REID, COLBY COLLEGE, WATERVILLE, ME, USA**  
**AND HELLE LARSEN, UNIVERSITY OF AMSTERDAM, AMSTERDAM, NETHERLANDS**

- 9:15 AM INTRODUCTION  
*Allecia Reid, Colby College, Waterville, ME, USA*
- 9:20 AM A DEVELOPMENTAL PERSPECTIVE ON PARENTING: LONGITUDINAL EFFECTS OF AUTOMATIC AND EXPLICIT PARENTING ON ADOLESCENTS' ALCOHOL USE  
*Ina Koning, Utrecht University, Utrecht, The Netherlands*
- 9:38 AM PEERS, COGNITIONS AND ALCOHOL: AN EXPERIMENTAL STUDY ON THE INTERACTION BETWEEN PEER CONTEXT AND COGNITIVE-MOTIVATIONAL PROCESSES  
*Helle Larsen, University of Amsterdam, Amsterdam, The Netherlands*
- 9:56 AM DO FRIENDS MATTER? CLOSE FRIENDS AND PARTICIPATION IN YOUTH ALCOHOL INTERVENTIONS  
*Kristen Anderson, Reed College, Portland, OR, USA*
- 10:14 AM ENCOURAGING THE ROAD LESS TRAVELED: TESTING SELF-AFFIRMATION AS A STRATEGY FOR REDUCING CONFORMITY TO PEER ALCOHOL USE  
*Allecia Reid, Colby College, Waterville, ME, USA*
- 10:32 AM DISCUSSANT/QUESTION MODERATOR  
*Kate Carey, Brown University School of Public Health, Providence, RI, USA*

## WEDNESDAY, JUNE 20

11:00am - 12noon	SPECIAL SESSION	HARBOR D
	<p>“The John and Patricia O’Neill Addiction Science Education Award” <b>REWRITING DRINKING MEMORIES</b> <i>Ravi Das, Ph.D.</i>, University College London, Clinical Psychopharmacology, London, UK Organized by Carlton Erickson on behalf of the Texas Research Society on Alcoholism</p>	
11:00am - 12:30pm	RSA 2019 PROGRAM COMMITTEE MEETING - closed	PROMENADE AB
11:00am - 12:30pm	RSA EDUCATION COMMITTEE MEETING - closed	SOLANA BEACH A
12:45pm - 2:45pm	POSTER SESSION I	GRAND HALL AB
	<p><b>POSTER NUMBERS: 1-251 / ABSTRACT NUMBERS: 756-1006</b> Two 1-hour manning periods - ODD Number first hour; EVEN Number second hour (light refreshments)</p>	
3:30pm - 4:30pm	COGA STEERING COMMITTEE - closed	MISSION BEACH BC
7:00pm - Midnight	2018 RSA CLOSING CEREMONY AND AWARDS PRESENTATIONS	GRAND HALL CD
	<p>Dinner/Presentations: 7:00pm followed by Dancing Ticket Required</p> <p><b>AWARDS:</b> RSA Early Career Investigator Awards - DRS. JESSICA SALVATORE and LINDSAY SQUEGLIA</p> <p>RSA Distinguished Researcher Award - DR. STEPHANIE O’MALLEY</p> <p>RSA Henri Begleiter Excellence in Research Award - DR. SARA JO NIXON</p> <p>RSA Lifetime Achievement Award - DR. LINDA SPEAR</p> <p>RSA Marlatt Mentorship Award - DRS. FULTON CREWS, KENT HUTCHISON, and BROOKE MOLINA</p> <p>RSA Seixas Award - to be announced</p> <p>RSA Media Award - MR. ADAM ROGERS</p> <p>Jellinek Award - DR. GEORGE KOOB</p> <p>Enoch Gordis Awardees - to be announced</p> <p>Undergraduate Diversity Awardees - to be announced</p> <p>Announcement of new RSA New Officers</p>	

### RSA MEETING ADJOURNED

RSA: “Funding for this conference was made possible (in part) by 2R13AA18227-03 from the National Institute on Alcohol Abuse and Alcoholism. The views expressed in written conference materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services; nor does mention by trade names, commercial practices, or organizations imply endorsement by the U.S. Government.”