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

RSA REGISTRATION DESK - HOURS

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
<th>Location</th>
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<tbody>
<tr>
<td>Saturday, June 16</td>
<td>1:00pm - 6:00pm*</td>
<td>RSA REGISTRATION</td>
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<tr>
<td>Sunday, June 17</td>
<td>7:30am - 5:15pm</td>
<td>HALL</td>
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<tr>
<td>Monday, June 18</td>
<td>7:30am - 5:15pm</td>
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<td>Tuesday, June 19</td>
<td>7:30am - 5:15pm</td>
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<td>Wednesday, June 20</td>
<td>7:30am - 1:00pm</td>
<td>HALL</td>
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<td>Thursday, June 21</td>
<td>7:00am - 9:00pm</td>
<td>HARBOR FOYER</td>
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* 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

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:00pm - 10:00pm</td>
<td>RSA BOARD OF DIRECTORS MEETING - Closed</td>
<td>COVE</td>
</tr>
</tbody>
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SATURDAY, JUNE 16

<table>
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<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>7:15am - 5:00pm</td>
<td>FETAL ALCOHOL SPECTRUM DISORDER - STUDY GROUP</td>
<td>HARBOR HI</td>
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SATELLITE MEETINGS:

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>8:00am - 5:00pm</td>
<td>Integrative Neurosciences Initiative on Alcoholism (INIA) - NEUROIMMUNE - closed</td>
<td>MISSION BEACH AB</td>
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<tr>
<td>8:00am - 5:00pm</td>
<td>Integrative Neurosciences Initiative on Alcoholism (INIA) - STRESS - closed</td>
<td>SOLANA BEACH AB</td>
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<tr>
<td>8:00am - 5:00pm</td>
<td>Integrating Alcohol Use Disorder Care in the Management of Alcoholic Hepatitis - open</td>
<td>HARBOR F</td>
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<tr>
<td>8:30am - 4:00pm</td>
<td>14th Annual Mechanisms of Behavior Change: Transbehavioral Mechanisms and Processes of Change - open</td>
<td>HARBOR B</td>
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<tr>
<td>8:30am - 4:00pm</td>
<td>Empirical Awakening: 25 Years of NIH Funded Research Mutual-Help Programs’ Effects, Cost-Effectiveness, and Mechanisms - open</td>
<td>HARBOR E</td>
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<tr>
<td>9:00am - 2:00pm</td>
<td>10th Annual Charles Lieber Satellite: Alcohol, Cannabis Brain-Liver-Gut Link - open</td>
<td>HARBOR C</td>
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<tr>
<td>9:00am - 5:00pm</td>
<td>Calibrated Agent Simulations for Combined Analysis of Drinking Etiologies (CASCADE): 2nd Investigators’ Conference - closed</td>
<td>MISSION BEACH C</td>
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<tr>
<td>9:00am - 12noon</td>
<td>RSA BOARD OF DIRECTORS MEETING - Closed</td>
<td>COVE</td>
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<tr>
<td>1:00pm - 6:00pm</td>
<td>RSA REGISTRATION DESK - Open</td>
<td>GRAND HALL</td>
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<tr>
<td>1:00pm - 6:00pm</td>
<td>Skill Blitz Workshop for Undergrads and Students - closed</td>
<td>HARBOR C</td>
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<tr>
<td>7:00pm - 9:00pm</td>
<td>RSA OPENING RECEPTION - LITE FARE Ticket Required</td>
<td>HARBOR FOYER</td>
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***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  GRAND HALL CD
Cristine Czachowski - RSA President’s Remarks
8:05am - 8:45am  NIAAA UPDATE  GRAND HALL CD
Dr. George Koob - NIAAA Director
30-minute talk, 10-minute Q&A
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, ICHAN 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

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**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 OVARIECTOMY-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

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**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

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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

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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 PEEETERS, 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 Trelor Padovano, Brown University, Providence, RI, USA

11:17 AM  DISCUSSANT/QUESTION MODERATOR
Susan Tapert, University of California San Diego, La Jolla, CA, USA

***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.
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
Organized by the RSA Social Work Planning Committee

11:40am - 1:10pm  RSA SPONSORED STUDENT LUNCH - Ticket Required
Organized by the RSA Education Committee
Sub-Committee Chair: J. Leigh Leasure

1:20pm - 2:50pm  SYMPOSIUM
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

***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

10:00am - 11:30am  ROUNDTABLE  HARBOR D

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SUNDAY, JUNE 17

1:20 PM - 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

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**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

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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, DYRESGULATION, 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

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***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**

**SYMPOSIUM**

**HARBOR G**

**INTEGRATION OF GENETICS AND GENOMICS TO IDENTIFY NOVEL MECHANISMS UNDERLYING ALCOHOL USE DISORDERS**

**ORGANIZERS/CHAIRS:** R. DAYNE MAYFIELD, WAGGONER CENTER FOR ALCOLHOL & 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

**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

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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 MICROCONS 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 PHARMACOCOGNEIC EFFECTS OF NALTREXONE IN INDIVIDUALS OF EAST ASIAN DESCENT: NEUROIMAGING FINDINGS
Aaron Lim, University of California Los Angeles, Los Angeles, CA, USA

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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 SCHIZOPHRENA 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

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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

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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

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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

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SUNDAY, JUNE 17

3:10 - 4:40 pm ROUND TABLE 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

4:50 pm - 6:50 pm 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)

7:30 - 9:30 pm 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

6:30 am - 8:00 am CONTINENTAL BREAKFAST - Nametag Required. HARBOR FOYER

7:30 am - 5:15 pm RSA REGISTRATION DESK - Open GRAND HALL

8:00 am - 8:45 am 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.

8:45 - 9:15 am COFFEE BREAK HARBOR FOYER

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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

9:15 - 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

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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

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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 DiGuiseppi, 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

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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 Holzhauer, 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 Holzhauer, 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

***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.
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 Jacobs, 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 DISCUSSION/QUESTIONS 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 DISCUSSION/QUESTIONS 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 HARBOR G
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.

11:45am - 1:10pm DIVERSITY COMMITTEE MEETING - Open HARBOR E
Organized by the RSA Diversity Committee
Chair: Barbara McCrady

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MONDAY, JUNE 18

1:20 - 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/NIAAA/DNB, BETHESDA, MD, USA

1:20 PM INTRODUCTION
Antonio Noronha, NIH/NIAAA/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, Bowies 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

1:20 - 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 GLUTAMATERIC 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

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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

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 BINDING IN THE BRAIN OF HEAVY DRINKING YOUTH: A PET STUDY WITH THE FATTY ACID AMIDE HYDROLASE RADIOIGAND [11C]CURB
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 Iraichi-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

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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

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MONDAY, JUNE 18

1:20 pm - 2:50 pm

SYMPOSIUM

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

1:20 pm - 2:50 pm

ROUNDTABLE

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

2:50 pm - 3:10 pm

COFFEE BREAK

HARBOR FOYER

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**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

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### 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

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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

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MONDAY, JUNE 18

3:10 pm - 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

***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.
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, 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

***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.
**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  
George Koob, NIH/NIAAA, Rockville, MD, USA

9:20 AM  
BRIEF PRENATAL ETHANOL EXPOSURE ALTERS THE EXPRESSION OF DYNORPHIN- AND NOCICEPTIN-RELATED GENES IN THE INFANT AND ADOLESCENT BRAIN  
Ricardo Pautassi, INIMEC-CONICET, Cordoba, ARGENTINA

9:38 AM  
ADOLESCENT STRESS-INDUCED SOCIAL ANXIETY AND ETHANOL CONSUMPTION: ALTERATIONS IN BASOLATERAL AMYGDALA KAPPA OPIOID RECEPTOR FUNCTION  
Marvin Diaz, Binghamton University, Binghamton, NY, USA

9:56 AM  
SOCIAL ISOLATION STRESS INCREASES KAPPA OPIOID RECEPTOR SENSITIVITY IN THE NUCLEUS ACCUMBENS OF RATS  
Anushree Karkhanis, Wake Forest School of Medicine / ASPET, Winston-Salem, NC, USA

10:14 AM  
DYNORPHIN/KOR ACTIVITY WITHIN THE CENTRAL AMYGDALA AND BNST MODULATES STRESS-ENHANCED ETHANOL CONSUMPTION IN MICE WITH A HISTORY OF DEPENDENCE  
Harold Haun, Medical University of South Carolina, Charleston, SC, USA

10:32 AM  
DISCUSSANT/QUESTION MODERATOR  
Brendan Walker, Washington State University, Pullman, WA, USA

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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 BETAT-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
Sengottuvelan Murugan, Rutgers University, New Brunswick, NJ, 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 DIEASEASE 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

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**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

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9:15am - 10:45am  SYMPOSIUM  HARBOR E

**WOMEN HOLD UP HALF THE SKY: THE EVIDENCE FROM GLOBAL RESEARCH ON ALCOHOL AND HIV INTERVENTIONS**
ORGANIZER/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

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**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.**
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 Nooner, 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

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

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**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**
  Giralda 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**

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***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.

Ping Zhang, *Northeast Ohio Medical University, Rootstown, OH, USA*

2:37 PM

**DISCUSSANT/QUESTION MODERATOR**

Li Lin, *NIAAA/NIH, Bethesda, MD, USA*
TUESDAY, JUNE 19

1:20pm - 2:50pm  SYMPOSIUM  HARBOR B

MICRONA DIFFERENTIAL EXPRESSION RESULTING IN OR FROM ALCOHOL USE DISORDERS
ORGANIZERS/CHAIRS: ABBAS PARSIAN, NIAAA/NIH, ROCKVILLE, MD, USA,
AND HIUING 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 Kechr, University of Colorado, Anschutz Medical Campus, Aurora, CO, USA

1:43 PM  EXOSOME-DERIVED EXTRACELLULAR MICRONAS: 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 MICRONA-411 REDUCES VOLUNTARY ALCOHOL CONSUMPTION IN MICE
R Dayne Mayfield, Waggoner Center for Alcohol & Addiction, Austin, TX, USA

2:19 PM  SALIVARY MICRONAS 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 Califorina- SF, San Francisco, CA, USA

2:37 PM  DISCUSSANT/QUESTION MODERATOR
Kristen Pleil, Weill Cornell Medicine, New York, NY, USA

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TUESDAY, JUNE 19

1:20 pm - 2:50 pm  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

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1:20 pm - 2:50 pm  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

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***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.
TUESDAY, JUNE 19

1:20 - 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

1:20 - 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

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TUESDAY, JUNE 19

1:20 pm - 2:50 pm 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 ADAPTING 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

2:50 pm - 3:10 pm COFFEE BREAK HARBOR FOYER

3:10 pm - 4:40 pm 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

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**TUESDAY, JUNE 19**

3:10pm - 4:40pm  WORKSHOP  HARBOUR 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  HARBOUR 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

3:30 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

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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 SRIPPS RESEARCH INSTITUTE, LA JOLLA, CA, USA
AND MARISA ROBERTO, THE SRIPPS 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 Sao 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

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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

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TUESDAY, JUNE 19

3:10 PM - 4:40pm

ROUNDTABLE

HARBOUR 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)

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WEDNESDAY, JUNE 20

6:30am - 8:00am

CONTINENTAL BREAKFAST - Nametag Required

HARBOUR 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.

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**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

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**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 MICROPHTHYSIOLOGICAL 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*

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**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  
**CATHELICIDIN 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*

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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

UNDERSTANDING AND PREVENTING IMPAIRED DRIVING AND RIDING WITH AN IMPAIRED DRIVER
ORGANIZERS/CHAIRS: BRITTNEY HULTGREEN, 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

***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.
**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, WATERTVILLE, 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

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**WEDNESDAY, JUNE 20**

11:00am - 12noon **SPECIAL SESSION**

“The John and Patricia O’Neill Addiction Science Education Award”

**REWITRING DRINKING MEMORIES**

*Ravi Das, Ph.D.*, University College London, Clinical Psychopharmacology, London, UK

Organized by Carlton Erickson on behalf of the Texas Research Society on Alcoholism

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

POSTER NUMBERS: 1-251 / ABSTRACT NUMBERS: 756-1006

Two 1-hour manning periods – ODD Number first hour; EVEN Number second hour (light refreshments)

3:30pm - 4:30pm **COGA STEERING COMMITTEE - closed**

MISSION BEACH BC

7:00pm - Midnight **2018 RSA CLOSING CEREMONY AND AWARDS PRESENTATIONS**

GRAND HALL CD

Dinner/Presentations: 7:00pm followed by Dancing

Ticket Required

**AWARDS:**

RSA Early Career Investigator Awards -

DRS. JESSICA SALVATORE and LINDSAY SQUEGLIA

RSA Distinguished Researcher Award - DR. STEPHANIE O’MALLEY

RSA Henri Begleiter Excellence in Research Award - DR. SARA JO NIXON

RSA Lifetime Achievement Award - DR. LINDA SPEAR

RSA Marlatt Mentorship Award - DRS. FULTON CREWS, KENT HUTCHISON, and BROOKE MOLINA

RSA Seixas Award - to be announced

RSA Media Award - MR. ADAM ROGERS

Jellinek Award - DR. GEORGE KOOB

Enoch Gordis Awardees - to be announced

Undergraduate Diversity Awardees - to be announced

Announcement of new RSA New Officers

**RSA MEETING ADJOURNED**

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