## RSA 2017 DAILY SCHEDULE

### FRIDAY, JUNE 23

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00pm - 10:00pm</td>
<td>RSA BOARD OF DIRECTORS MEETING - Closed</td>
<td>QUARTZ AB</td>
</tr>
<tr>
<td>9:00pm - 12:00pm</td>
<td>RSA REGISTRATION DESK - Open</td>
<td>CENTENNIAL FOYER</td>
</tr>
<tr>
<td>7:00pm - 9:00pm</td>
<td>RSA OPENING RECEPTION - LITE FARE - TICKET REQUIRED</td>
<td>CENTENNIAL FOYER</td>
</tr>
</tbody>
</table>

### SATURDAY, JUNE 24

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00am - 4:00pm</td>
<td>Integrative Neurosciences Initiative on Alcoholism (INIA) - NEUROIMMUNE - closed</td>
<td>MINERAL HALL F</td>
</tr>
<tr>
<td>8:00am - 5:00pm</td>
<td>Integrative Neurosciences Initiative on Alcoholism (INIA) - STRESS - closed</td>
<td>MINERAL HALL G</td>
</tr>
<tr>
<td>8:30am - 3:30pm</td>
<td>Advancing Research on Underage Alcohol Use and Social Media Involvement - open</td>
<td>MINERAL HALL B</td>
</tr>
<tr>
<td>9:00am - 2:20pm</td>
<td>9th Annual Charles Lieber Satellite: Alcohol, Cannabis Brain-Liver-Gut Link - open</td>
<td>MINERAL HALL A</td>
</tr>
<tr>
<td>9:00am - 4:00pm</td>
<td>Health Disparities in Alcohol and Other Drug Problems and Health Equity Approaches: Theories, Methods and Applications - open</td>
<td>MINERAL HALL DE</td>
</tr>
<tr>
<td>9:00am - 4:00pm</td>
<td>13th Annual Mechanisms of Behavior Change: Novel Approaches to the Study of Mechanisms of Behavior Change in Alcohol and Drug Use Disorders - open</td>
<td>CENTENNIAL E</td>
</tr>
<tr>
<td>1:00pm - 5:00pm</td>
<td>Alcohol and Immunology Research Interest Group - open</td>
<td>CENTENNIAL H</td>
</tr>
<tr>
<td>9:00am - 12noon</td>
<td>RSA BOARD OF DIRECTORS MEETING - Closed</td>
<td>QUARTZ AB</td>
</tr>
<tr>
<td>1:00pm - 6:00pm</td>
<td>RSA REGISTRATION DESK - Open</td>
<td>CENTENNIAL FOYER</td>
</tr>
<tr>
<td>7:00pm - 9:00pm</td>
<td>RSA OPENING RECEPTION - LITE FARE - TICKET REQUIRED</td>
<td>CENTENNIAL FOYER</td>
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### SUNDAY, JUNE 25

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>6:30am - 8:00am</td>
<td>CONTINENTAL BREAKFAST - Nametag Required</td>
<td>CENTENNIAL FOYER</td>
</tr>
<tr>
<td>7:30am - 5:15pm</td>
<td>RSA REGISTRATION DESK - Open</td>
<td>CENTENNIAL FOYER</td>
</tr>
<tr>
<td>8:00am - 8:05am</td>
<td>OFFICIAL OPENING</td>
<td>CENTENNIAL DE</td>
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<tr>
<td></td>
<td>Dr. Kenneth Sher - RSA President's Remarks</td>
<td></td>
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<tr>
<td>8:05am - 8:45am</td>
<td>NIAAA UPDATE</td>
<td>CENTENNIAL DE</td>
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<tr>
<td></td>
<td>Dr. George Koob - NIAAA Director</td>
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<td></td>
<td>30 minute talk, 10 minute Q&amp;A</td>
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<tr>
<td>8:45am - 9:30am</td>
<td>PLENARY SESSION I - DR. TING-KAI LI LECTURESHIP</td>
<td>CENTENNIAL DE</td>
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**Jeffrey Alberts, Ph.D., Department of Psychological and Brain Sciences, Indiana University, Bloomington, IN**

***Indicates a translational symposium. We strongly encouraged proposals that bridge different types of research (e.g., preclinical and clinical), to provide the opportunity for society members with different interests to interact."
## RSA 2017 DAILY SCHEDULE

**SUNDAY, JUNE 25**

### 9:30am - 10:00am
- **COFFEE BREAK**
  - **CENTENNIAL FOYER**

### 10:00am - 11:30am
- **SYMPOSIUM**
  - **MINERAL HALL FG**
  - **CELL, CIRCUIT, CONTEXT-DEPENDENT STRIATAL ACTIVITIES IN ALCOHOL SEEKING BEHAVIORS**
  - **ORGANIZER/CHAIR: DOO-SUP Choi, MAYO CLINIC, COLLEGE OF MED., MOLECULAR PHARMACOLOGY, ROCHESTER, MN, USA**
  - **CHAIR: FREDERIC W. HOPF, UNIV. OF CALIFORNIA SAN FRANCISCO, DEPT. OF NEUROLOGY, SAN FRANCISCO, CA, USA**
  - **10:00**
    - **INTRODUCTION**
      - Doo-Sup Choi, Mayo Clinic, College of Medicine, Molecular Pharmacology, Rochester, MN, USA
  - **10:05**
    - **BIDIRECTIONAL AND PERSISTENT CONTROL OF ALCOHOL SEEKING BY CORTICOSTRIATAL LTP AND LTD**
      - Jun Wang, Texas A&M Health Science Center, Neuroscience and Experimental Therapeutics, Bryan, TX, USA
  - **10:23**
    - **THE LINK BETWEEN ENHANCED SENSITIVITY TO THE STIMULANT EFFECT OF ALCOHOL AND LOW LEVELS OF STRIATAL D2 RECEPTORS**
      - Veronica Alvarez, National Institutes of Health, Bethesda, MD, USA
  - **10:41**
    - **HOW DO WE DRINK DESPITE NEGATIVE CONSEQUENCES: EXPLORING THE HYPOTHESIS THAT THE INSULA INSTIGATES ALCOHOL USE DISORDER**
      - Frederic Hopf, University of California San Francisco, Dept. of Neurology, San Francisco, CA, USA
  - **10:59**
    - **HIPPOCAMPUS-STRIATAL CIRCUIT REGULATES ADENOSINE A2A RECEPTOR DRIVEN IMPULSIVITY, REWARD SEEKING AND ALCOHOL DRINKING BEHAVIORS**
      - Doo-Sup Choi, Mayo Clinic, College of Medicine, Molecular Pharmacology, Rochester, MN, USA
  - **11:17**
    - **DISCUSSANT/QUESTION MODERATOR**
      - Veronica Alvarez, NIAAA, National Institutes of Health, Bethesda, MD, USA

### 10:00am - 11:30am
- **SYMPOSIUM**
  - **MINERAL HALL ABC**
  - **ROLE OF STABLE AND ENDURING MARKS OF THE EPGENOME IN THE DEVELOPMENT OF ALCOHOLISM**
  - **ORGANIZERS/CHAIRS: SUBHASH C. PANDEY, CTR. FOR ALCOHOL RES. IN EPIGENETICS, DEPT. OF PSYCHIATRY, UNIV. OF ILLINOIS AND JBVA MEDICAL CENTER, CHICAGO, IL, USA AND ANTONIO NORONHA, NIAAA/DNB, NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD, USA**
  - **10:00**
    - **INTRODUCTION**
      - Antonio Noronha, NIAAA/DNB, National Institutes of Health, Bethesda, MD, USA
  - **10:05**
    - **ADOLESCENT ALCOHOL EXPOSURE, EPIGENETIC REPROGRAMMING AND ADULT PSYCHOPATHOLOGY**
      - Subhash Pandey, Ctr. for Alcohol Res. in Epigenetics, Dept. of Psychiatry, Univ. of Illinois & JBVAMC, Chicago, IL, USA
  - **10:23**
    - **ALCOHOL INDUCED EPIGENETIC MODIFICATIONS OF STRESS REGULATORY GENES TRANSMIT VIA GERMLINE**
      - Dipak Sarkar, Rutgers, State University of New Jersey, New Brunswick, NJ, USA
  - **10:41**
    - **DEVELOPMENTAL NEUROEPGENETICS IS A MOVING TARGET OF FETAL ALCOHOL EXPOSURE**
      - Feng Zhou, Indiana University School of Medicine, Department of Anatomy & Cell Biology, Indianapolis, IN, USA
  - **10:59**
    - **EPIGENOMIC AND TRANSCRIPTOMIC CHANGES IN ALCOHOLIC POSTMORTEM BRAIN TISSUE**
      - Sean Farris, The University of Texas at Austin, Waggoner Center for Alcohol and Addiction Research, Austin, TX, USA
  - **11:17**
    - **DISCUSSANT/QUESTION MODERATOR**
      - Fulton Crews, Bowles Center for Alcohol Studies, University of North Carolina, Chapel Hill, NC, USA

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### RSA 2017 DAILY SCHEDULE

#### SUNDAY, JUNE 25

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<tr>
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<th>Session</th>
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<tbody>
<tr>
<td>10:00am - 11:30am</td>
<td><strong>SYMPOSIUM</strong></td>
<td><strong>CENTENNIAL FGH</strong></td>
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<tr>
<td><strong>10:00</strong></td>
<td><strong>INTRODUCTION</strong></td>
<td>Angela Ozburn, Portland VA Health Care System, Portland, OR, USA</td>
</tr>
<tr>
<td><strong>10:05</strong></td>
<td><strong>CIRCADIAN PERIOD INVERSELY CORRELATES WITH ILLNESS SEVERITY IN CELLS FROM PATIENTS WITH ALCOHOL USE DISORDERS</strong></td>
<td>Michael McCarthy, VA San Diego Healthcare System, San Diego, CA, USA</td>
</tr>
<tr>
<td><strong>10:23</strong></td>
<td><strong>CHRONOBIOLOGY OF ALCOHOL: BEHAVIORAL STUDIES</strong></td>
<td>Alan Rosenwasser, University of Maine, Department of Psychology, Orono, ME, USA</td>
</tr>
<tr>
<td><strong>10:41</strong></td>
<td><strong>ALCOHOL ACTIONS IN THE SCN AND BEYOND</strong></td>
<td>Rebecca Prosser, Univ. of Tennessee, Dept. Biochemistry- Cellular- Molecular Biology; NeuroNET Res. Ctr., Knoxville, TN, USA</td>
</tr>
<tr>
<td><strong>10:59</strong></td>
<td><strong>INVESTIGATING THE BIDIRECTIONAL RELATIONSHIP BETWEEN ALCOHOL AND CIRCADIAN GENES</strong></td>
<td>Angela Ozburn, Portland VA Health Care System, Portland, OR, USA</td>
</tr>
<tr>
<td><strong>11:17</strong></td>
<td><strong>DISCUSSANT/QUESTION MODERATOR</strong></td>
<td>Alan Rosenwasser, University of Maine, Department of Psychology, Orono, ME, USA</td>
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<td><strong>CENTENNIAL A</strong></td>
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<tr>
<td><strong>10:00</strong></td>
<td><strong>INTRODUCTION</strong></td>
<td>Ellen Burnham, University of Colorado, Aurora, CO, USA</td>
</tr>
<tr>
<td><strong>10:05</strong></td>
<td><strong>ALCOHOL, VITAMIN D, AND PULMONARY ANTI-MICROBIAL PEPTIDES</strong></td>
<td>Michael McCaskill, Global Environmental Health Sciences, Tulane University, New Orleans, LA, USA</td>
</tr>
<tr>
<td><strong>10:23</strong></td>
<td><strong>ALCOHOL-INDUCED LIPID ACCUMULATION IMPAIRS PULMONARY INNATE IMMUNITY</strong></td>
<td>Ross Summer, Jane and Leonard Korman Lung Center, Thomas Jefferson University, Philadelphia, PA, USA</td>
</tr>
<tr>
<td><strong>10:41</strong></td>
<td><strong>THE IMPACT OF ALCOHOL-INDUCED DYSBIOSIS ON HOST DEFENSE AGAINST PNEUMONIA</strong></td>
<td>Derrick Samuelson, LSU-HSC, Section of Pulmonary/Critical Care and Allergy/Immunology, New Orleans, LA, USA</td>
</tr>
<tr>
<td><strong>10:59</strong></td>
<td><strong>THE EFFECT OF ALCOHOL AND CANNABIS USE ON PULMONARY INNATE IMMUNITY</strong></td>
<td>Kristina Bailey, University of Nebraska Medical Center, Omaha, NE, USA</td>
</tr>
<tr>
<td><strong>11:17</strong></td>
<td><strong>DISCUSSANT/QUESTION MODERATOR</strong></td>
<td>David Welsh, LSU Pulmonary &amp; Critical Care Medicine, New Orleans, LA, USA</td>
</tr>
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SUNDAY, JUNE 25

10:00am - 11:30am  SYMPOSIUM  MINERAL HALL DE

DIVERSITY IN DRINKING AND ASSOCIATED PROBLEMS AMONG U.S. HISPANICS
ORGANIZERS/ CHAIRS: RAUL CAETANO, PACIFIC INSTITUTE FOR RESEARCH AND EVALUATION, OAKLAND, CA, USA AND CINDY EHLERS, THE SCRIPPS RESEARCH INSTITUTE, DEPARTMENT OF MOLECULAR AND CELLULAR NEUROSCIENCE, LA JOLLA, CA, USA

10:00  INTRODUCTION
Raul Caetano, Pacific Institute for Research and Evaluation, Oakland, CA, USA

10:05  ACCULTURATION STRESS AND ALCOHOL USE DISORDERS: ROLE OF GENES AND ENVIRONMENT IN YOUNG ADULT MEXICAN AMERICANS IN SAN DIEGO COUNTY
Cindy Ehlers, The Scripps Research Institute, Dept. of Molecular and Cellular Neuroscience, La Jolla, CA, USA

10:23  PRE TO POST IMMIGRATION ALCOHOL USE TRAJECTORIES AMONG RECENT LATINO IMMIGRANTS
Mario De La Rosa, CRUSAĐA, Florida International University, Miami, FL, USA

10:41  FACTORS EXPLAINING VARIATION IN PRESCRIPTION DRUG ABUSE ACROSS BORDER COMMUNITIES IN TEXAS
Sarah Zemore, Alcohol Research Group, Emeryville, CA, USA

10:59  DRINKING, BINGE DRINKING, DRINKING RELATED SOCIAL/HEALTH PROBLEMS, AND DSM-5 AUD IN PUERTO RICO
Raul Caetano, Pacific Institute for Research and Evaluation, Oakland, CA, USA

11:17  DISCUSSANT/QUESTION MODERATOR
Judith Arroyo, NIAAA, National Institutes of Health, Rockville, MD, USA

10:00am - 11:30am  SYMPOSIUM  CENTENNIAL D

***UNDERSTANDING ALCOHOL REWARD IN SOCIAL CONTEXT
ORGANIZER/CHAIR: CATHARINE E. FAIRBAIRN, UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN, DEPARTMENT OF PSYCHOLOGY, CHAMPAIGN, IL, USA
ORGANIZER: MICHAEL A. SAYETTE, UNIVERSITY OF PITTSBURGH, DEPARTMENT OF PSYCHOLOGY, PITTSBURGH, PA, USA
CHAIR: LINDA P. SPEAR, DEPARTMENT OF PSYCHOLOGY, BINGHAMTON UNIVERSITY BINGHAMTON, NY, USA

10:00  INTRODUCTION
Catharine Fairbairn, University of Illinois at Urbana-Champaign, Department of Psychology, Champaign, IL, USA

10:05  ADOLESCENCE, ALCOHOL AND SOCIAL BEHAVIOR: STUDIES IN AN ANIMAL MODEL
Linda P. Spear, Binghamton University, Department of Psychology, Binghampton, NY, USA

10:23  AFFECTIVE MEMORIES RELATED TO SOCIAL DRINKING
Harriet De Wit, University of Chicago, Chicago, IL, USA

10:41  ANGER EXPRESSION TOWARD INTIMATE PARTNER AFTER EXPERIMENTAL ALCOHOL ADMINISTRATION: MODERATING EFFECTS OF SELF-CONTROL
Maria Testa, University at Buffalo, Research Institute on Addictions, Buffalo, NY, USA

10:59  COMBINING LABORATORY AND AMBULATORY METHODS TO EXPLORE ALCOHOL MOOD-ENHANCEMENT IN SOCIAL CONTEXT
Catharine Fairbairn, University of Illinois at Urbana-Champaign, Department of Psychology, Champaign, IL, USA

11:17  DISCUSSANT/QUESTION MODERATOR
Michael Sayette, University of Pittsburgh, Department of Psychology, Pittsburgh, PA, USA

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RSA 2017 DAILY SCHEDULE

SUNDAY, JUNE 25

10:00am - 11:30am SYMPOSIUM CENTENNIAL E

***MECHANISMS OF HEPATOCYTE DYSFUNCTION IN ALCOHOLIC LIVER DISEASE: CELL BIOLOGICAL APPROACHES***

**ORGANIZERS / CHAIRS:** PAMELA L. TUMA, THE CATHOLIC UNIVERSITY OF AMERICA, WASHINGTON, DC, USA AND ARMEN PETROSYAN, UNIVERSITY OF NEBRASKA MEDICAL CENTER, OMAHA, NE, USA

**10:00 INTRODUCTION**
Pamela L. Tuma, The Catholic University of America, Washington, DC, USA

**10:05 THE MECHANISM AND CONSEQUENCES OF ALCOHOL-INDUCED ALTERATION OF COPI AND COPII VESICLES BIOGENESIS IN HEPATOCYTES**
Armen Petrosyan, University of Nebraska Medical Center, Omaha, NE, USA

**10:23 ALCOHOL-ASSOCIATED PERTURBATION IN CYTOSOLIC CA\(^{2+}\) SIGNALING AND MITOCHONDRIAL CA\(^{2+}\) HANDLING**
Lawrence Gaspers, Rutgers, The State Univ. of New Jersey, Pharmacology, Physiology & Neuroscience, Newark, NJ, USA

**10:41 CARBONYLATION OF THE LIPID PHOSPHATASE PTEN CONTRIBUTES TO ETOH-INDUCED STEATOSIS**
Colin Shearn, University of Colorado, Anschutz Med Campus, Aurora, CO, USA

**10:59 DISTURBED ER-TO-GOLGI TRAFFICKING CONTRIBUTES TO ALCOHOL AND ANTIVIRAL DRUG-INDUCED ER STRESS AND HEPATIC INJURY**
Cheng Ji, University of Southern California, GI / Liver Division, Medicine, Los Angeles, CA, USA

**11:17 DISCUSSANT/QUESTION MODERATOR**
Pamela L. Tuma, The Catholic University of America, Washington, DC, USA

**11:40am - 1:10pm SOCIAL WORKERS LUNCH - Closed GRANITE ABC**
Organized by the Social Work Planning Committee

**11:40am - 1:10pm RSA SPONSORED STUDENT LUNCH - TICKET REQUIRED CENTENNIAL BC**
Organized by the RSA Education Committee

1:20pm - 2:50pm SYMPOSIUM MINERAL HALL DE

MULTI-ORGAN EFFECTS OF ALCOHOL ON THE INNATE IMMUNITY

**ORGANIZER:** CYNT HUA, UNIVERSITY OF COLORADO, AURORA, CO, USA

**ORGANIZER/CHAIR:** BIN GAO, NIAAA, NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD, USA

**CHAIR:** M. KATHERINE JUNG, DIVISION OF METABOLISM AND HEALTH EFFECTS, NIH/NIAAA, BETHESDA, MD, USA

**1:20 INTRODUCTION**
M. Katherine Jung, Division of Metabolism and Health Effects, NIH/NIAAA, Bethesda, MD, USA

**1:25 MYELOID CELL-SPECIFIC SIRT1 DEFICIENCY EXACERBATES ALCOHOLIC STEATOHEPATITIS VIA AMPLIFYING NEUTROPHILIC INFLAMMATION IN MICE**
Min You, Northeast Ohio Medical University, College of Pharmacy, Rootstown, OH, USA

**1:43 SUB-CHRONIC ETHANOL SENSITIZES THE LIVER AND BRAIN TO IMIQUIMOD-INDUCED INFLAMMATORY RESPONSE IN MICE**
Veronica Massey, Bowles Center for Alcohol Studies, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

**2:01 EXPLORING THE ROLE OF COMPLEMENT AND ETHANOL ON THE ADIPOSE TISSUE SECRETOME**
Rebecca McCullough, Cleveland Clinic Foundation, Department of Pathobiology, Cleveland, OH, USA

**2:19 CELL DEATH IN PATIENTS WITH ALCOHOLIC HEPATITIS: ROLE OF NEUTROPHILS**
Hartmut Jaeschke, Pharmacology, Toxicology & Therapeutics, University of Kansas Medical Center, Kansas City, KS, USA

**2:37 DISCUSSANT/QUESTION MODERATOR**
Cynthia Ju, University of Colorado, Aurora, CO, USA

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### RSA 2017 DAILY SCHEDULE

**Sunday, June 25**

#### 1:20pm - 2:50pm  SYMPOSIUM  CENTENNIAL A

**MAJOR EFFECTS ON MINOR POPULATIONS: INTERNEURONS AS A TARGET FOR ALCOHOL**

**ORGANIZERS/CHAIRS:** PATRICK J MULHOLLAND, MUSC, CHARLESTON ALCOHOL RESEARCH CENTER, CHARLESTON, SC, USA AND BRIAN N MATHUR, UNIVERSITY OF MARYLAND, BALTIMORE, MD, USA

<table>
<thead>
<tr>
<th>Time</th>
<th>Discussion Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>1:20</td>
<td>INTRODUCTION</td>
<td>Brian N. Mathur, University of Maryland, Baltimore, MD, USA</td>
</tr>
<tr>
<td>1:25</td>
<td>PREFRONTAL CORTEX FAST-SPIKING INTERNEURONS AND ETHANOL DRINKING</td>
<td>Reginald Cannady, Medical University of South Carolina, Dept. of Neuroscience, Charleston, SC, USA</td>
</tr>
<tr>
<td>1:43</td>
<td>ETHANOL MODULATION OF STRIATAL FAST-SPIKING INTERNEURONS</td>
<td>Mary Patton, University of Maryland, Baltimore, Pharmacology, Baltimore, MD, USA</td>
</tr>
<tr>
<td>2:01</td>
<td>ALCOHOL MODULATION OF INTERNEURON ACTIVITY IN MESOCORTICAL CIRCUITS</td>
<td>Christopher Lapish, Indiana University - Purdue University, Indianapolis, IN, USA</td>
</tr>
<tr>
<td>2:19</td>
<td>CHRONIC ALCOHOL DYSREGULATES LOCAL GABAergic BNST MICROCIRCUITS TO DRIVE INCREASED ANXIETY-LIKE BEHAVIOR</td>
<td>Thomas Kash, Bowles Center for Alcohol Studies, University of North Carolina, Chapel Hill, NC, USA</td>
</tr>
<tr>
<td>2:37</td>
<td>DISCUSSANT/QUESTION MODERATOR</td>
<td>Hermes H. Yeh, Geisel School of Medicine - Dartmouth, Molecular and Systems Biology, Lebanon, NH, USA</td>
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#### 1:20pm - 2:50pm  SYMPOSIUM  CENTENNIAL E

**EPigenetic Risk For and Response to Alcohol Use**

**ORGANIZERS/CHAIRS:** MATTHEW REILLY, NIAAA/DNB, NATIONAL INSTITUTES OF HEALTH, ROCKVILLE, MD, USA AND HUIPING ZHANG, PSYCHIATRY, YALE UNIVERSITY SCHOOL OF MEDICINE, WEST HAVEN, CT, USA

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<tbody>
<tr>
<td>1:20</td>
<td>INTRODUCTION</td>
<td>Matthew Reilly, NIAAA/DNB, National Institutes of Health, Rockville, MD, USA</td>
</tr>
<tr>
<td>1:25</td>
<td>EPigenetic Contributions To The Effects of Alcohol Across Generations</td>
<td>Gregg Homanics, University of Pittsburgh, Anesthesiology, Pittsburgh, PA, USA</td>
</tr>
<tr>
<td>1:43</td>
<td>EPigenetic Consequences Of Adolescent Stress Exposition and Their Implications For Psychiatric Disorders and Addiction</td>
<td>Richard Lee, Department of Psychiatry, Johns Hopkins University School of Medicine, Baltimore, MD, USA</td>
</tr>
<tr>
<td>2:01</td>
<td>Genome-Wide Analysis In The Blood Identifies DNA Methylation Risk For Future Alcohol Use</td>
<td>Rita Cervera-Juanes, Oregon National Primate Research Center, Beaverton, OR, USA</td>
</tr>
<tr>
<td>2:19</td>
<td>Developing Methylation Biomarkers Of Alcohol And Associated Health Risks</td>
<td>Shaunna Clark, Virginia Commonwealth University, Richmond, VA, USA</td>
</tr>
<tr>
<td>2:37</td>
<td>DISCUSSANT/QUESTION MODERATOR</td>
<td>David Goldman, NIAAA, Laboratory of Neurogenetics, Rockville, MD, USA</td>
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### RSA 2017 DAILY SCHEDULE

**SYMPOSIUM**  
**MINERAL HALL ABC**

**1:20pm - 2:50pm**

**ADDRESSING COGNITIVE AND MOTIVATIONAL PROCESSES IN INTERVENTIONS FOR ALCOHOL USE DISORDERS (AUDS)**

**ORGANIZER/CHAIR:** Reinout Wiers, University of Amsterdam, Dept. of Psychology, Amsterdam, NH, USA  
**CHAIR:** Matthew Field, Dept. of Psychological Sciences, University of Liverpool, Liverpool, United Kingdom

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
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</table>
| 1:20  | **INTRODUCTION**  
Reinout Wiers, University of Amsterdam, Dept. of Psychology, Amsterdam, NH, USA               |
| 1:25  | **RANDOMIZED CONTROLLED TRIAL OF INHIBITORY CONTROL TRAINING FOR AUD**  
Matthew Field, Department of Psychological Sciences, University of Liverpool, Liverpool, United Kingdom |
| 1:43  | **INTRODUCING THE FLING: A SERIOUS GAME TO TRAIN BEHAVIORAL CONTROL IN ADOLESCENTS**  
Wouter Boendermaker, University of Amsterdam, Dept. of Developmental Psychology, Amsterdam, The Netherlands |
| 2:01  | **DISMANTLING MOTIVATIONAL INTERVIEWING FOR PROBLEM DRINKERS: AN EXPERIMENTAL TEST OF THE LEADING EXPLANATORY MODELS OF MI’S MECHANISMS OF ACTION**  
Jon Morgenstern, Northwell Health, Great Neck, NY, USA |
| 2:19  | **COGNITIVE BIAS MODIFICATION AS ADD-ON TO TREATMENT FOR ALCOHOLISM: RESULTS FROM A STUDY COMBINING ATTENTIONAL RETRAINING AND APPROACH-BIAS RETRAINING**  
Reinout Wiers, University of Amsterdam, Dept. of Psychology, Amsterdam, NH, USA |
| 2:37  | **DISCUSSANT/QUESTION MODERATOR**  
Katie Witkiewitz, Univ. of New Mexico, Ctr. on Alcoholism, Substance Abuse, and Addictions, Albuquerque, NM, USA |

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**1:20pm - 2:50pm**

**WORKSHOP**  
**CENTENNIAL FGH**

***ESSENTIAL SKILLS FOR CAREER BUILDING: A WORKSHOP FOR STUDENTS, POST-DOCS AND JUNIOR INVESTIGATORS***

**ORGANIZER/CHAIR:** Barbara S. McCrady, University of New Mexico, CASAA, Albuquerque, NM, USA  
**ORGANIZER:** Alyssa T. Brooks, National Institutes of Health, Bethesda, MD, USA  
**CHAIR:** Sarah Pedersen, University of Pittsburgh, Pittsburgh, PA, USA

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<th>Time</th>
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| 1:20  | **INTRODUCTION**  
Barbara S. McCrady, Univ. of New Mexico, Ctr. on Alcoholism, Substance Abuse, and Addictions, Albuquerque, NM, USA |
| 1:25  | **HOW TO GIVE AN EFFECTIVE PRESENTATION**  
Marc A. Schuckit, University of California, San Diego, School of Medicine, La Jolla, CA, USA |
| 1:45  | **HOW TO CREATE A COMPELLING CV/BIOSKETCH**  
Donita Robinson, Bowles Center for Alcohol Studies, University of North Carolina, Chapel Hill, NC, USA  
Scott Tonigan, University of New Mexico, Ctr. on Alcoholism Substance Abuse and Addictions, Albuquerque, NM, USA  
**or**  
**HOW TO APPROACH THE JOB INTERVIEW**  
Alyssa T. Brooks, National Institutes of Health, Bethesda, MD, USA  
Laverne Melón, Tufts University School of Medicine, Neuroscience, Boston, MA, USA |
| 2:05  | **HOW TO ORGANIZE A SYMPOSIUM**  
Paul Gilbert, Univ. of Iowa College of Public Health, Dept. of Community and Behavioral Health, Iowa City, IA, USA  
Maria Miguez, School of Integrated Health and Humanities, FIU, Royal Palm, FL, USA  
**or**  
**HOW TO CREATE AN EFFECTIVE POSTER AND TALK ABOUT IT**  
Michael Krumlauf, National Institutes of Health Clinical Center, Bethesda, MD, USA  
Angela Haeny, University of Missouri, Columbia, MO, USA |
| 2:25  | **OPEN DISCUSSION**  
Sarah Pedersen, University of Pittsburgh, Pittsburgh, PA, USA |

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***Indicates a translational symposium. We strongly encouraged proposals that bridge different types of research (e.g., preclinical and clinical), to provide the opportunity for society members with different interests to interact.***
1:20 pm - 2:50 pm  WORKSHOP  MINERAL HALL FG

GREATER ADVERSITY BUT LOWER ALCOHOL USE: EXPLORING TRAUMA, NEIGHBORHOOD DISADVANTAGE AND ALCOHOL USE IN AFRICAN AMERICANS ACROSS THE LIFESPAN
ORGANIZERS: JACQUELYN MEYERS, STATE UNIV. OF NEW YORK, DOWNSTATE MEDICAL CTR., BROOKLYN, NY, USA AND KIMBERLY WERNER, GEORGE W. BROWN SCHOOL OF SOCIAL WORK, WASHINGTON UNIV. - ST. LOUIS, ST. LOUIS, MO, USA
CHAIR: CAROLYN SARTOR, YALE UNIVERSITY SCHOOL OF MEDICINE, PSYCHIATRY, NEW HAVEN, CT, USA
1:20  INTRODUCTION
Thomas Greenfield, Public Health Institute, Alcohol Research Group, Emeryville, CA, USA
1:25  CHILDHOOD TRAUMA AND ALCOHOL USE IN AFRICAN AMERICAN VS. WHITE ADOLESCENTS: CONSIDERING THE BROADER ENVIRONMENTAL CONTEXT
Carolyn Sartor, Yale University School of Medicine, Psychiatry, New Haven, CT, USA
1:45  GORDIS AWARD FINALIST - NEIGHBORHOOD DISADVANTAGE, TRAUMA EXPOSURE, AND ALCOHOL INVOLVEMENT IN AFRICAN AMERICAN AND WHITE WOMEN
Kimberly Werner, George W. Brown School of Social Work, Washington University in St. Louis, St. Louis, MO, USA
2:05  INTERACTION BETWEEN POLYGENIC RISK FOR ALCOHOL USE AND ENVIRONMENTAL EXPOSURES IN AFRICAN AMERICANS FROM THE DETROIT NEIGHBORHOOD HEALTH STUDY
Jacquelyn Meyers, State University of New York, Downstate Medical Center, Brooklyn, NY, USA
2:25  OPEN DISCUSSION
Denise Scott, Howard University, Pediatrics and Human Genetics, Washington, DC, USA

1:20pm - 2:50pm  SYMPOSIUM  CENTENNIAL D

***NOVEL INSIGHTS INTO THE NEUROBEHAVIORAL EFFECTS OF FETAL ALCOHOL EXPOSURE
ORGANIZERS/CHAIRS: C. FERNANDO VALENZUELA, UNIVERSITY OF NEW MEXICO HSC, DEPARTMENT OF NEUROSCIENCES, ALBUQUERQUE, NM, USA AND CLAIRE D. COLES, EMORY UNIVERSITY SCHOOL OF MEDICINE, ATLANTA, GA, USA
1:20  INTRODUCTION
Claire Coles, Emory University School of Medicine, Atlanta, GA, USA
1:25  FETAL ALCOHOL-RELATED REDUCTIONS IN HEIGHT AND WEIGHT AS BIOMARKERS FOR COGNITIVE IMPAIRMENT
R. Colin Carter, Columbia University, College Physicians and Surgeons, New York, NY, USA
1:43  GENE-ENVIRONMENT INTERACTION BETWEEN A BDNF POLYMORPHISM AND DEVELOPMENTAL ETHANOL EXPOSURE
Clark W. Bird, University of New Mexico, Department of Psychology, Albuquerque, NM, USA
2:01  IDENTIFYING THE BASIS FOR EXECUTIVE FUNCTIONING DEFICITS IN FASD USING FUNCTIONAL NEAR-INFRARED SPECTROSCOPY
Julie A. Kable, Emory University School of Medicine, Atlanta, GA, USA
2:19  PRENATAL ETHANOL EXPOSURE INDUCES DEFICITS IN WORKING MEMORY IN ADOLESCENCE; IMPROVEMENT WITH CHOLINE AND WORKING MEMORY TRAINING
Jaylyn Waddell, University of Maryland, School of Medicine, Baltimore, MD, USA
2:37  DISCUSSANT/QUESTION MODERATOR
C. Fernando Valenzuela, University of New Mexico HSC, Dept. of Neurosciences, Albuquerque, NM, USA

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

***Indicates a translational symposium. We strongly encouraged proposals that bridge different types of research (e.g., preclinical and clinical), to provide the opportunity for society members with different interests to interact.
RSA 2017 DAILY SCHEDULE
SUNDAY, JUNE 25

3:10pm - 4:40pm  GORDIS PAPER SESSION - STUDENTS  CENTENNIAL A

3:10  Rebecca Gilbertson  INTRODUCTION
3:15  Sophie Betka  OXYTOCIN IMPROVES INTEROCEPTIVE ACCURACY IN HEAVY DRINKING
3:27  John Bohnsack  DISSECTING ETHANOL-INDUCED CHANGES IN GABA1 EXPRESSION USING CRISPR-CAS9
3:39  Dezarie Moskal (Hutchison)  EFFECTS OF EXPERIMENTAL PAIN INDUCTION ON PROXIMAL DETERMINANTS OF ALCOHOL USE
3:51  Sarah Peterson  PERSONALITY AND LEARNING PREDICTORS OF ADOLESCENT ALCOHOL CONSUMPTION TRAJECTORIES
4:03  Julianne Price  DIFFERENCES IN HPA DYSREGULATION BETWEEN AFRICAN AMERICAN AND CAUCASIAN ALCOHOL-DEPENDENT MEN
4:15  Meridith Robins  CRITICAL ROLE OF GI-PROTEIN SIGNALING IN THE DORSAL STRIATUM IN THE REDUCTION OF VOLUNTARY ALCOHOL INTAKE IN C57BL/6 MICE

3:10pm - 4:40pm  SYMPOSIUM  MINERAL HALL ABC

NEUROCIRCUIT SPECIFIC ALTERATIONS IN ADULT NEUROBIOLOGY INDUCED BY ADOLESCENT ALCOHOL EXPOSURE
ORGANIZER/CHAIR: L. JUDSON CHANDLER, MEDICAL UNIVERSITY OF SOUTH CAROLINA, CHARLESTON, SC, USA

3:10  INTRODUCTION
L. Judson Chandler, Medical University of South Carolina, Charleston, SC, USA
3:15  LASTING EFFECTS OF ADOLESCENT INTERMITTENT ETHANOL EXPOSURE ON THE ADULT CHOLINERGIC SYSTEM
Elizabeth Glover, Medical University of South Carolina, Center for Drug & Alcohol Program, Charleston, SC, USA
3:33  ADOLESCENT INTERMITTENT ETHANOL EXPOSURE SELECTIVELY IMPAIRS FRONTOCORTICAL ACETYLCHOLINE (ACH) EFFLUX AND COGNITIVE FLEXIBILITY
Lisa Savage, State University of New York at Binghamton, Binghamton University, Vestal, NY, USA
3:51  MECHANISMS OF LASTING ADOLESCENT BINGE ETHANOL-INDUCED PFC NEUROPATHOLOGY
Fulton Crews, Bowles Center for Alcohol Studies, University of North Carolina, Chapel Hill, NC, USA
4:09  ADOLESCENT ETHANOL EXPOSURE ALTERS THE ADULT BRAINS RESPONSE TO DRUGS OF ABUSE IN MULTIPLE ASPECTS: REWARD, ANXIOLYSIS, AND NEUROCHEMICAL
Sheketha Hauser, Indiana University School of Medicine, Indianapolis, IN, USA
4:27  DISCUSSANT/QUESTION MODERATOR
Linda Spear, Department of Psychology, Binghamton University Binghamton, NY, USA

3:10pm - 4:40pm  SYMPOSIUM  MINERAL HALL FG

ROLE OF ALCOHOL IN THE PATHOGENESIS OF VIRAL AND BACTERIAL INFECTIONS
ORGANIZERS/CHAIRS: NATALIA A. OSNA, UNIVERSITY OF NEBRASKA MEDICAL CENTER, OMAHA, NE, USA AND KUSUM K. KHARBANDA, RESEARCH SERVICE VETERANS AFFAIRS NEBRASKA-WESTERN IOWA HEALTH CARE SYSTEM, OMAHA, NE, USA

3:10  INTRODUCTION
Natalia Osna, University of Nebraska Medical Center, Omaha, NE, USA
3:15  ALCOHOL METABOLISM DRIVES HBV-INFECTION PROGRESSION BY PREVENTING THE RECOGNITION OF INFECTED HEPATOCYTES BY IMMUNE CELLS
Murali Ganesan, Internal Medicine Univ. of Nebraska Medical Ctr. and Veterans Affairs Medical Ctr., Omaha, NE, USA
3:33  ALCOHOL-INDUCED IMMUNE SUPPRESSION AND HIV PATHOGENESIS
Smita Ghare, University of Louisville, Louisville, KY, USA
3:51  ALCOHOL-INDUCED IMPAIRED SKELETAL MUSCLE REGENERATION: ROLE OF MYOMIRS
Liz Simon, Louisiana State University HSC, New Orleans, LA, USA
4:09  INFECTIONS IN ALCOHOLIC LIVER DISEASE - CLINICAL PERSPECTIVES
Puneet Puri, Virginia Commonwealth University, Gastroenterology, Hepatology, Richmond, VA, USA
4:27  DISCUSSANT/QUESTION MODERATOR
Patricia Molina, Louisiana State University Health Sciences Center, Department of Physiology, New Orleans, LA, USA

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RSA 2017 DAILY SCHEDULE

SUNDAY, JUNE 25

3:10 - 4:40pm SYMPOSIUM ORGANIZERS/CHAIRS: P. PRISCILLA LUI, DEPARTMENT OF PSYCHOLOGY, SOUTHERN METHODIST UNIVERSITY, DALLAS, TX, USA AND BYRON L. ZAMBOANGA, DEPARTMENT OF PSYCHOLOGY, SMITH COLLEGE, NORTHAMPTON, MA, USA

3:10 INTRODUCTION
Byron L. Zamboanga, Department of Psychology, Smith College, Northampton, MA, USA

3:15 META-ANALYSIS OF THE ACCULTURATION-DRINKING RELATIONS: WHAT DOES 30 YEARS OF RESEARCH TELL US?
P. Priscilla Lui, Department of Psychology, Southern Methodist University, Dallas, TX, USA

3:33 ACCULTURATIVE STRESS: MODERATING EFFECTS ON THE ACCULTURATION-ALCOHOL USE RELATIONSHIP AMONG MEXICAN AMERICANS
Brandy Piña-Watson, Department of Psychological Sciences, Texas Tech University, Lubbock, TX, USA

3:51 PERCEIVED DISCRIMINATION, CULTURAL IDENTITY, AND ACCULTURATION: LINKS TO DRINKING OUTCOMES AMONG HISpanic EMERGING ADULTS
Timothy Grigsby, Department of Kinesiology, Health, & Nutrition, Univ. of Texas, San Antonio, San Antonio, TX, USA

4:09 ACCULTURATION AND ALCOHOL USE AMONG LATINAS: INDIRECT EFFECTS THROUGH TRADITIONAL GENDER NORMS
Jessica Perrotte, Department of Psychology, University of Texas at San Antonio, San Antonio, TX, USA

4:27 DISCUSSANT/QUESTION MODERATOR
Raul Caetano, Pacific Institute for Research and Evaluation, Oakland, CA, USA

3:10 - 4:40pm SYMPOSIUM ORGANIZER/CHAIR: ROBERT FREEMAN, NIAAA, BETHESDA, MD, USA ORGANIZER: EMILY ROTHMAN, BOSTON UNIVERSITY SCHOOL OF PUBLIC HEALTH, COMMUNITY HEALTH SCIENCES DEPARTMENT, BOSTON, MA, USA

3:10 INTRODUCTION
Michelle Haikalis, University of Nebraska-Lincoln, Lincoln, NE, USA

3:15 MARIJUANA USE AND DECREASED RISK OF ALCOHOL-RELATED DATING ABUSE PERPETRATION IN YOUNG ADULTS: RESULTS OF A DAILY STUDY
Emily Rothman, Boston University School of Public Health, Community Health Sciences Dept., Boston, MA, USA

3:33 MEETING YOUTH WHERE THEY ARE AT: UTILIZING TECHNOLOGY TO INTERVENE WITH ALCOHOL AND DATING VIOLENCE PERPETRATION
Quyen Epstein-Ngo, University of Michigan, Research, Ann Arbor, MI, USA

3:51 INFLUENCE OF ALCOHOL ON CORTICAL AROUSAL IN DISTRESSED VIOLENT PARTNERS
Brandi Fink, University of New Mexico, Department of Psychiatry and Behavioral Sciences, Albuquerque, NM, USA

4:09 DRINKING CONTEXTS, ALCOHOL OUTLET DENSITY AND INTIMATE PARTNER VIOLENCE: THE ROLE OF ENVIRONMENTAL RISK FACTORS
Carol Cunradi, Pacific Institute for Research & Evaluation, Prevention Research Center, Oakland, CA, USA

4:27 DISCUSSANT/QUESTION MODERATOR
Dominic Parrott, Georgia State University, Department of Psychology, Atlanta, GA, USA

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**RSA 2017 DAILY SCHEDULE**

**SUNDAY, JUNE 25**

### 3:10pm - 4:40pm

**SYMPOSIUM**

**CENTENNIAL D**

**THE USE OF MODEL ORGANISMS TO UNDERSTAND HUMAN GENETICS OF ALCOHOLISM**

**ORGANIZERS/CHAIRS: ABBAS PARSIAN, NIAAA, NATIONAL INSTITUTES OF HEALTH, ROCKVILLE, MD, USA AND ELISSA CHESLER, THE JACKSON LABORATORY, BAR HARBOR, ME, USA**

3:10 **INTRODUCTION**

Abbas Parsian, NIAAA, National Institutes of Health, Rockville, MD, USA

3:15 **DISSECTING THE GENETICS OF ALCOHOL-RELATED PHENOTYPES: LESSONS LEARNED AND STEPS FORWARD**

Tatiana Foroud, Indiana Univ. School of Medicine, Department of Medical & Molecular Genetics, Indianapolis, IN, USA

3:33 **USING RODENT MODELS TO EVALUATE THE ROLE OF ADDICTION CANDIDATE GENES**

Megan Mulligan, Department of Genetics, Genomics, and Informatics, Univ. of Tennessee HSC, Memphis, TN, USA

3:51 **COMPARATIVE GENOMICS OF EXCESSIVE ETHANOL CONSUMPTION**

Robert Hitzemann, Oregon Health & Science University, Behavioral Neuroscience, Portland, OR, USA

4:09 **BIDIRECTIONAL TRANSLATIONAL GENETICS OF ALCOHOL USE DISORDER THROUGH INTEGRATIVE FUNCTIONAL GENOMICS**

Jason Bubier, The Jackson Laboratory, Bar Harbor, ME, USA

4:27 **DISCUSSANT/QUESTION MODERATOR**

Elissa Chesler, The Jackson Laboratory, Bar Harbor, ME, USA

### 3:10pm - 4:40pm

**SYMPOSIUM**

**CENTENNIAL E**

**A MULTIFACETED VIEW OF ALCOHOLISM IN OLDER ADULTS**

**ORGANIZER: MICHIE HESSELBROCK, UNIV. OF CONNECTICUT SCHOOL OF MED., DEPT. OF PSYCHIATRY, FARMINGTON, CT, USA**

**ORGANIZER/CHAIR: VICTOR HESSELBROCK, UNIV. OF CONNECTICUT SCHOOL OF MED., DEPT. OF PSYCHIATRY, FARMINGTON, CT, USA**

**CHAIR: SUSUMU HIGUCHI, NAT’L HOSP. ORGANIZATION KURIHAMA MEDICAL AND ADDICTION CTR., YOKOSUKA, KANAGAWA, JAPAN**

3:10 **INTRODUCTION**

Victor Hesselbrock, University of Connecticut School of Medicine, Dept. of Psychiatry, Farmington, CT, USA

3:15 **ALCOHOL FACILITATES BIOLOGICAL AGING**

Naruhisaya Yamaki, Department of Psychiatry, Kobe University Graduate School of Medicine, Kobe City, Japan

3:33 **AGING AND SOCIAL DRINKING: CLARIFYING DIVERGENT INTERACTIONS**

Sara Jo Nixon, University of Florida, Psychiatry, Gainesville, FL, USA

3:51 **TYPOLOGY OF ALCOHOL DEPENDENCE AND 35 YEAR MORTALITY**

Grace Chan, University of Connecticut School of Medicine, Department of Psychiatry, Farmington, CT, USA

4:09 **FAMILY AND CAREGIVER INVOLVEMENT IN OLDER ADULT ADDICTION TREATMENT INITIATION AND ENGAGEMENT**

Frederic Blow, University of Michigan, Addiction Center, Ann Arbor, MI, USA

4:27 **DISCUSSANT/QUESTION MODERATOR**

Kathleen Bucholz, Washington University School of Medicine, Psychiatry, St. Louis, MO, USA

### 4:50pm - 6:50pm

**POSTER SESSION I**

**CAPITOL BALLROOM**

**POSTER NUMBERS: 1-329 / ABSTRACT NUMBERS: 1-329**

two 1-hour manning periods · Number 1 first hour; Number 2 second hour
(light refreshments)

### 7:30pm - 9:30pm

**RSA SPONSORED POST-DOC DINNER - TICKET REQUIRED**

Organized by the RSA Education Committee

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RSA 2017 DAILY SCHEDULE

MONDAY, JUNE 26

6:30am…     RSA MARK WOOD MILE HIGH STAIR CLIMB IN THE MILE HIGH CITY!!     HYATT REGENCY
6:30am - 8:00am     CONTINENTAL BREAKFAST - Nametag Required.     CENTENNIAL FOYER
7:00am - 9:00am     ALCOHOL BOARD MEETING - Closed     GRANITE ABC
7:30am - 5:15pm     RSA REGISTRATION DESK - Open     CENTENNIAL FOYER

8:00am - 8:45am     PLENARY SESSION II - PANEL     CENTENNIAL D
WHAT IS ADDICTION?
John Crabbe, Ph.D., VA Portland Health Care System and Oregon Health Sciences University
Moderator: Kenneth Sher, Ph.D., Psychological Sciences, University of Missouri

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

9:15am - 12noon     RSA/FASDSG & TERATOLOGY SOCIETY/OTIS/DNTS EXCHANGE SYMPOSIUM     OFF-SITE
“Evaluation of Fetal Risk in the Context of Multiple Co-Exposures”
Organizers: Ludmila Bakhireva and Jeffrey Wozniak
Closed to those with ticket

9:15am - 10:45am     SYMPOSIUM     CENTENNIAL D
PURINE SIGNALING: DRINKING, SLEEP AND ENERGY HOMEOSTASIS FOR NOVEL DRUG DEVELOPMENT IN ALCOHOL USE DISORDER
ORGANIZER/CHAIR: DARYL L. DAVIES, UNIVERSITY OF SOUTHERN CALIFORNIA, TITUS FAMILY DEPT OF CLINICAL PHARMACY, LOS ANGELES, CA, USA
CHAIR: STEPHEN BOEHM, INDIANA UNIVERSITY-PURDUE UNIVERSITY INDIANAPOLIS, DEPARTMENT OF PSYCHOLOGY, INDIANAPOLIS, IN, USA

9:15
INTRODUCTION
Stephen Boehm, Indiana University - Purdue University Indianapolis, Dept. of Psychology, Indianapolis, IN, USA

9:20
ADENOSINE SIGNALING REGULATES CIRCADIAN RHYTHM AND ALCOHOL DRINKING
Yun-Fang Jia, Mayo Clinic, Rochester, MN, USA

9:38
THE ROLE OF ACCUMBAL P2X4 RECEPTORS (P2X4Rs) IN THE REGULATION OF ETHANOL BEHAVIOR
Nhat Huynh, USC School of Pharmacy, Los Angeles, CA, USA

9:56
ALCOHOL, ADENOSINE AND SLEEP DISRUPTIONS
Mahesh Thakkar, University of Missouri, Columbia, MO, USA

10:14
CLOCK GENES AND ALCOHOL-INDUCED SLEEP PERTURBATIONS
Stephanie Perreau-Lenz, SRI International, Center for Neuroscience, Menlo Park, CA, USA

10:32
DISCUSSANT/QUESTION MODERATOR
Doo-Sup Choi, Mayo Clinic, Rochester, MN, USA

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### RSA 2017 DAILY SCHEDULE

**MONDAY, JUNE 26**

#### THE IMPACT OF SOCIAL EXPERIENCE ON ALCOHOL SEEKING, STRESS RESPONSE, AND PAIN SENSITIVITY

**Organizer/Chair:** Jesse Schank, University of Georgia, Physiology & Pharmacology, Athens, GA, USA

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<td>9:15</td>
<td>Introduction</td>
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<td></td>
<td>Jesse Schank, University of Georgia, Physiology &amp; Pharmacology, Athens, GA, USA</td>
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<td>9:20</td>
<td>Alterations in Ventral Hippocampal Synaptic Transmission and Plasticity in a Rodent Adolescent Social Isolation Model of Alcohol Addiction Vulnerability</td>
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<td>Jeffrey Weiner, Wake Forest School of Medicine, Winston-Salem, NC, USA</td>
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<td>9:38</td>
<td>Social Transmission of Pain</td>
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<td>Andrey Ryabinin, Oregon Health &amp; Science University, Portland, OR, USA</td>
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<td>9:56</td>
<td>Bidirectional Relationship between Alcohol Intake and Sensitivity to Social Defeat: Association with TacR1 and AVP Expression</td>
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<td>Jesse Schank, University of Georgia, Physiology &amp; Pharmacology, Athens, GA, USA</td>
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<td>10:14</td>
<td>Aggression, Social Stress and Alcohol: The Glucocorticoid System</td>
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<td>Klaus Miczek, Tufts University, Medford, MA, USA</td>
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<td>10:32</td>
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<td>Sara Jones, Wake Forest School of Medicine, Department of Physiology and Pharmacology, Winston Salem, NC, USA</td>
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#### NEUROTOXICITY AND GLIAL MECHANISMS UNDERLYING ALCOHOLISM:

**Emphasis on Oligodendrocytes and Myelination**

**Chair:** Chitra Mandyam, VA San Diego Healthcare System, San Diego, CA, USA

**Organizer/Chair:** Sucharita Somkuwar, VA San Diego Healthcare System, San Diego, CA, USA

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<td>Introduction</td>
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<td>Chitra Mandyam, VA San Diego Healthcare System, San Diego, CA, USA</td>
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<td>9:20</td>
<td>Differential Effects of Alcohol and Tobacco Nitrosamine Exposures on Cerebral White Matter Pathologies in Developing and Mature Brains</td>
<td>Mineral Hall DE</td>
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<td>Suzanne De La Monte, Rhode Island Hospital/Alpert Medical School, Brown University, Providence, RI, USA</td>
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<td>9:38</td>
<td>Myelinated Axons Increase in the Anterior Cingulate Cortex Early in Adolescence and Are Negatively Impacted by Alcohol</td>
<td>Mineral Hall DE</td>
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<td>Andrea Silva-Gotay, Dept. of Psychological and Brain Sciences, University of Massachusetts, Amherst, MA, USA</td>
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<td>9:56</td>
<td>Glial Activation in the Developing Rodent Brain Following Postnatal Binge Alcohol Exposure</td>
<td>Mineral Hall DE</td>
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<td>Anna Klintsova, University of Delaware, Dept. of Psychological and Brain Sciences, Newark, DE, USA</td>
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<td>10:14</td>
<td>Disrupted Myelin Microstructural Integrity and Dysfunctional Oligodendrogli and Cerebrovasculature Following Chronic Alcohol Experience Are Associated with Enhanced Vulnerability to Relapse</td>
<td>Mineral Hall DE</td>
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<td>Sucharita Somkuwar, VA San Diego Healthcare System, San Diego, CA, USA</td>
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<td>10:32</td>
<td>Discussant/Question Moderator</td>
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<td>Shanghai Cui, National Institute on Alcohol Abuse and Alcoholism, Bethesda, MD, USA</td>
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**NOTES**

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RSA 2017 DAILY SCHEDULE

MONDAY, JUNE 26

9:15am - 10:45am

SYMPOSIUM

MINERAL HALL ABC

DRINKING AT THE MARGINS: HOW INTERSECTING IDENTITIES AND RELATED STRESSORS SHAPE ALCOHOL USE AND RECOVERY AMONG SEXUAL MINORITIES
ORGANIZERS/CHAIRS: PAUL A. GILBERT, UNIV. OF IOWA COLLEGE OF PUBLIC HEALTH, DEPT. OF COMMUNITY AND BEHAVIORAL HEALTH, IOWA CITY, IA, USA AND AMELIA E. TALLEY, TEXAS TECH UNIVERSITY, LUBBOCK, TX, USA

9:15
INTRODUCTION
Paul A. Gilbert, Univ. of Iowa College of Public Health, Dept. of Community and Behavioral Health, Iowa City, IA, USA

9:20
SEXUAL ORIENTATION DISPARITIES IN ALCOHOL USE AMONG BLACK ADOLESCENTS: CONTRIBUTIONS OF INTERSECTING MINORITY STRESSORS
Ethan Merleish, American University, Department of Health Studies, Washington, DC, USA

9:38
INTERSECTIONAL IDENTITY STRESS AS A MEDIATOR BETWEEN MULTIPLE MINORITY STATUS AND ALCOHOL USE AMONG DIVERSE SEXUAL MINORITY ADOLESCENTS
Jeremy Goldbach, University of Southern California, Los Angeles, CA, USA

9:56
RACIAL/ETHNIC DIFFERENCES IN THE ASSOCIATION BETWEEN RELATIONSHIP STATUS AND HAZARDOUS DRINKING AMONG A COMMUNITY SAMPLE OF SEXUAL MINORITY WOMEN: AN INTERSECTIONAL APPROACH
Cindy B. Veldhuis, Center for Research on Women and Gender, University of Illinois at Chicago, Chicago, IL, USA

10:14
INTERSECTING IDENTITIES: THE EXPERIENCES OF MEN WHO HAVE SEX WITH MEN (MSM) LIVING IN RECOVERY RESIDENCES
Amy Mericle, Alcohol Research Group, Public Health Institute, Emeryville, CA, USA

10:32
DISCUSSANT/QUESTION MODERATOR
Amelia E. Talley, Texas Tech University, Lubbock, TX, USA

9:15am - 10:45am

SYMPOSIUM

CENTENNIAL FGH

NOVEL RESEARCH METHODS IN DELINEATING MECHANISMS OF BEHAVIOR CHANGE IN THE TREATMENT OF ALCOHOL USE DISORDERS: CURRENT TRENDS AND FUTURE DIRECTIONS
ORGANIZER/CHAIR: BRETT T. HAGMAN, DIV. OF TREATMENT AND RECOVERY RESEARCH, NIAAA, BETHESDA, MD, USA CHAIR: PATRICK R. CLIFFORD, RUTGERS UNIVERSITY SCHOOL OF PUBLIC HEALTH, NEW BRUNSWICK, NJ, USA

9:15
INTRODUCTION
Brett Hagman, Division of Treatment and Recovery Research, NIAAA, Bethesda, MD, USA

9:20
BROAD COPING REPERTOIRE MEDIATES THE EFFECT OF THE COMBINED BEHAVIORAL INTERVENTION ON DRINKING OUTCOMES: AN APPLICATION OF LATENT CLASS MEDIATION
Katie Witkiewitz, Univ. of New Mexico, Ctr. on Alcoholism, Substance Abuse, and Addictions, Albuquerque, NM, USA

9:38
BRIDGING GAPS IN THE CAUSAL CHAIN: EXPLORING THE CAUSES OF EARLY CHANGES IN SOCIAL CONNECTIONS IN ADDICTION
Robert Stout, Pacific Institute for Research & Evaluation, DSI, Pawtucket, RI, USA

9:56
MECHANISMS OF BEHAVIOR CHANGE UNDERLYING AUD TREATMENT RESEARCH PROTOCOLS: A PRELIMINARY ANALYSES
Patrick R. Clifford, Rutgers University School of Public Health, New Brunswick, NJ, USA

10:14
PRETREATMENT CHANGE: INFLUENCE ON METHODOLOGY, TREATMENT PROCESS AND TREATMENT OUTCOMES
Paul Stasiewicz, University at Buffalo Research Institute on Addictions, Buffalo, NY, USA

10:32
DISCUSSANT/QUESTION MODERATOR
Stephen A. Maisto, Syracuse University, Syracuse, NY, USA

***Indicates a translational symposium. We strongly encourage proposals that bridge different types of research (e.g., preclinical and clinical), to provide the opportunity for society members with different interests to interact.
RSA 2017 DAILY SCHEDULE
MONDAY, JUNE 26
9:15am - 10:45am WORKSHOP CENTENNIAL A

CHALLENGES IN THE NEXT GENERATION OF ALCOHOL PREVENTION STUDIES FOR YOUTH
ORGANIZER: MARK MYERS, UNIVERSITY OF CALIFORNIA, SAN DIEGO, LA JOLLA, CA, USA
CHAIRS: KRISTEN ANDERSON, REED COLLEGE, DEPARTMENT OF PSYCHOLOGY, PORTLAND, OR, USA
AND ERIC WAGNER, FLORIDA INTERNATIONAL UNIVERSITY, MIAMI, FL, USA

9:15 INTRODUCTION
Sandra Brown, University of California, San Diego, La Jolla, CA, USA

9:20 A PRACTICAL CLINICAL TRIAL AND EFFICACY-EFFECTIVENESS HYBRID EXAMINING AN UNDERAGE DRINKING PREVENTION
PROGRAM IN MULTIPLE SCHOOL SETTINGS
Michelle Hospital, FIU-BRIDGE, Florida International University, Miami, FL, USA

9:35 CONCEPTUALIZING AND UNDERSTANDING THE ROLE OF ETHNIC DIVERSITY IN A MULTI-SITE SCHOOL-BASED GROUP
PREVENTION SETTING
Guadalupe A. Bacio, Pomona College, Departments of Psychology and Intercollegiate Chicana/o-Latina/o Studies,
Claremont, CA, USA

9:50 TRIALS AND TRIBULATIONS OF PROCESS RESEARCH: CONCEPTUALIZING AND MEASURING CLIENT LANGUAGE IN A
SCHOOL-BASED GROUP PREVENTION SETTING
Benjamin Ladd, Washington State University-Vancouver, Psychology, Vancouver, WA, USA

10:05 CHALLENGES IN QUALITATIVE DATA ANALYSES IN GROUP PROCESS RESEARCH
Tracey A. Garcia, University of Washington, Department of Psychiatry and Behavioral Sciences, Center for the Study of
Health and Risk Behaviors, Seattle, WA, USA

10:20 OPEN DISCUSSION
Michael Hilton, NIAAA, Division of Epidemiology and Prevention, Rockville, MD, USA

9:15am - 10:45am SYMPOSIUM CENTENNIAL BC

CONNECTING THE DOTS: EXPLORING LINKS BETWEEN MASCULINITY, ALCOHOL, AND SEXUAL VIOLENCE
ORGANIZERS: MICHELLE HAikalaliS, UNIVERSITY OF NEBRASKA-LINCOLN, LINCOLN, NE, USA AND
RUSCHELLE LEONE, GEORGIA STATE UNIVERSITY, DEPARTMENT OF PSYCHOLOGY, ATLANTA, GA, USA
CHAIRS: DOMINIC PARROTT, GEORGIA STATE UNIVERSITY, DEPARTMENT OF PSYCHOLOGY, ATLANTA, GA, USA
AND DAVID DILLILO, UNIVERSITY OF NEBRASKA-LINCOLN, LINCOLN, NE, USA

9:15 INTRODUCTION
David Dillilo, University of Nebraska-Lincoln, Lincoln, NE, USA

9:20 ALCOHOL-RELATED CUES FACILITATE ATTENTION TO MASCULINE STIMULI AMONG HIGH STATUS MEN
Ruschele Leone, Georgia State University, Department of Psychology, Atlanta, GA, USA

9:38 THE ROLE OF MULTIDIMENSIONAL MASCULINE NORMS ON PROSPECTIVE ALCOHOL-RELATED PROBLEMS AMONG
UNDER THE LEGAL DRINKING AGE COLLEGE MEN
Derek Iwamoto, Department of Psychology, University of Maryland, College Park, MD, USA

9:56 ALCOHOL INTOXICATION AND SEXUAL AGGRESSION AMONG COLLEGE MEN: DOES SEXUAL OBJECTIFICATION
PLAY A ROLE?
Michelle HaikalaliS, University of Nebraska-Lincoln, Lincoln, NE, USA

10:14 SECONDARY OUTCOMES OF AN INTEGRATED ALCOHOL AND SEXUAL ASSAULT PREVENTION PROGRAM FOR HEAVY DRINKING
COLLEGE MEN
Lindsay Orchowski, Brown University, Alpert Medical School of Brown University, Providence, RI, USA

10:32 DISCUSSANT/QUESTiON MODERATOR
Emily Rothman, Boston University School of Public Health, Community Health Sciences Dept., Boston, MA, USA

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RSA 2017 DAILY SCHEDULE

MONDAY, JUNE 26

9:15am - 10:45am SYMPOSIUM MINERAL HALL FG

MECHANISTIC INSIGHTS INTO ALCOHOLIC PROMOTION OF INTESTINAL AND HEPATIC CANCERS
ORGANIZERS/CHAIRS: R. K. RAO, UNIV. OF TENNESSEE HEALTH SCIENCE CENTER, DEPT OF PHYSIOLOGY, MEMPHIS, TN, USA AND IAIN MCKILLOP, CANNON RESEARCH CENTER, CAROLINAS MEDICAL CENTER, CHARLOTTE, NC, USA

9:15 INTRODUCTION
Gyongyi Szabo, University of Massachusetts, Worcester, MA, USA

9:20 THE ROLE OF CYP2E1 IN ALCOHOLIC LIVER DISEASE AND ALCOHOL MEDIATED HEPATOCARCINOGENESIS
Helmut K. Seitz, Center of Alcohol Research, University of Heidelberg, Heidelberg, Baden-Württemberg, Germany

9:38 INFLAMMATION AND EPIGENETIC MECHANISMS IN ALCOHOL-MEDIATED COLON CANCER PROMOTION
Pradeep Shukla, Department of Physiology, University of Tennessee Health Science Center, Memphis, TN, USA

9:56 OBESITY AND ALCOHOL AS SYNERGISTIC RISK FACTORS FOR HEPATOCELLULAR CARCINOMA
Kyle Thompson, Department of Surgery, Carolinas Medical Center, Charlotte, NC, USA

10:14 LIGHT/DARK SHIFTING PROMOTES ALCOHOL-INDUCED COLON CARCINOGENESIS: POSSIBLE ROLE OF INTESTINAL INFLAMMATORY MILIEU AND MICROBIOTA
Faraz Beshehsari, Department of Medicine, Rush University, Chicago, IL, USA

10:32 DISCUSSANT/QUESTION MODERATOR
William Dunty, NIAAA/NIH Division of Metabolism and Health Effects

10:55am - 11:35am RSA BUSINESS (MEMBERSHIP) MEETING - open to RSA members CENTENNIAL E

11:45am - 1:10pm RSA ANNUAL LEGISLATIVE ADVOCACY WORKSHOP - Open CENTENNIAL D
Organized by the RSA Government Affairs and Advocacy Committee
Everyone Welcome - Light Lunch available for those who RSVP’d - ticket required

11:45am - 1:10pm RSA DIVERSITY COMMITTEE MEETING - Open CENTENNIAL A

11:45am - 1:10pm ALCOHOL AND ALCOHOLISM EDITORIAL BOARD MEETING - Closed AGATE C

1:20 - 2:50pm SYMPOSIUM MINERAL HALL FG

MOLECULES, SYNAPSES AND SYSTEMS: DISSECTING THE NEURAL CIRCUITRY OF ALCOHOL ABUSE
ORGANIZERS/CHAIRS: ANUSHREE KARKHANIS, WAKE FOREST SCHOOL OF MEDICINE, DEPARTMENT OF PHYSIOLOGY AND PHARMACOLOGY, WINSTON-SALEM, NC, USA AND CODY SICILIANO, MASSACHUSETTS INST. OF TECHNOLOGY, PICOWER INST. FOR LEARNING AND MEMORY, CAMBRIDGE, MA, USA

1:20 INTRODUCTION
Anushree Karkhanis, Wake Forest School of Medicine, Dept. of Physiology and Pharmacology, Winston-Salem, NC, USA

1:25 MTORC1 IS A KEY MOLECULE TRANSDUCER OF ALCOHOL-DEPENDENT PLASTICITY, SEEKING AND RELAPSE
Dorit Ron, University of California- San Francisco, Dept. of Neurology, San Francisco, CA, USA

1:43 BASAL GANGLIA UNCHAINED: MOLECULAR, CELLULAR AND CIRCUIT MECHANISMS RELATED TO HABITUAL ALCOHOL SEEKING
David Loring, NIAAA, Rockville, MD, USA

2:01 THE NEURAL CIRCUITRY OF CONTEXT-INDUCED RELAPSE TO ALCOHOL SEEKING AFTER PUNISHMENT-IMPOSED ABSTINENCE
Nathan MarchantDepartment of Anatomy & Neurosciences, VU University Medical Center, Amsterdam, The Netherlands

2:19 CORTICAL CIRCUIT DYNAMICS DURING PUNISHMENT-RESISTANT ALCOHOL DRINKING
Cody Siciliano, Massachusetts Institute of Technology, Picower Institute for Learning and Memory, Cambridge, MA, USA

2:37 DISCUSSANT/QUESTION MODERATOR
Marisa Roberto, The Scripps Research Institute, La Jolla, CA, USA

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NAKING THE SCIENTIFIC PUBLISHING PROCESS: A ROUNDTABLE DISCUSSION
ORGANIZERS/CHAIRS: RAINE SPANAGEL, CENTRAL INSTITUTE OF MENTAL HEALTH, MANNHEIM, GERMANY AND HENRY KRANZLER, PERELMAN SCHOOL OF MEDICINE, CENTER FOR STUDIES OF ADDICTION, PHILADELPHIA, PA, USA

1:20  INTRODUCTION
Rainer Spanagel, Central Institute of Mental Health, Mannheim, Germany

1:25  PANELISTS:
OPEN ACCESS PUBLISHING - A NEW BUSINESS MODEL WITH QUESTIONABLE IMPLICATIONS FOR THE QUALITY OF SCIENCE
Rainer Spanagel, Central Institute of Mental Health, Mannheim, Germany

PREDATORY PUBLISHERS AND OTHER CHALLENGES IN ACADEMIC PUBLISHING
Henry Kranzler, Perelman School of Medicine, Center for Studies of Addiction, Philadelphia, PA, USA

THE RIZE OF ALTMETRICS
Jason Priem, University of North Carolina-Chapel Hill, USA

MENDELEY: ENABLING AND UNDERSTANDING SCIENTIFIC COLLABORATION
William Gunn, Elsevier Inc. New York, NY, USA

PUBLONS - A NEW WAY TO MAKE THE REVIEWING PROCESS MORE EFFICIENT
Laura Harvey, Publons, London, UK

2:25  OPEN DISCUSSION
Henry Kranzler, Perelman School of Medicine, Center for Studies of Addiction, Philadelphia, PA, USA

USE OF BIOMARKERS TO ADVANCE ALCOHOL AND HIV RESEARCH
ORGANIZERS/CHAIRS: JEFFREY H. SAMET, BOSTON UNIVERSITY SCHOOL OF MEDICINE, BOSTON, MA, USA AND KENDALL BRYANT, NATIONAL INSTITUTE OF HEALTH, BETHESDA, MD, USA

1:20  INTRODUCTION
Jeffrey H. Samet, Boston University School of Medicine, Boston, MA, USA

1:25  LONGITUDINAL ASSOCIATION BETWEEN ALCOHOL USE AND INFLAMMATORY BIOMARKERS
Kaku So-Arma, General Internal Medicine, Boston University School of Medicine, Boston, MA, USA

1:43  ALCOHOL AND MORTALITY IN HIV: COMBINING ALCOHOL SELF-REPORT AND BIOMARKER DETECTED ALCOHOL MEASURES AMONG HIV INFECTED AND UNINFECTED
Oghenowede Eyawo, VA Healthcare System, Veterans Aging Cohort Study Coordinating Center, West Haven, CT, USA

2:01  WEAK AGREEMENT BETWEEN PETH AND SELF-REPORTED DRINKING AMONG WOMEN
Robert L. Cook, University of Florida, Gainesville, FL, USA

2:19  ALCOHOL AND CHANGES IN BONE FORMATION AND RESORPTION AMONG PEOPLE WITH HIV AND SUBSTANCE DEPENDENCE
Theresa Kim, Section of General Internal Medicine, Boston University School of Medicine, Boston, MA, USA

2:37  DISCUSSANT/QUESTION MODERATOR
Kendall Bryant, National Institute of Health, Bethesda, MD, USA

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NATIONAL CONSORTIUM ON ALCOHOL & NEURODEVELOPMENT IN ADOLESCENCE (NCANDA):
TOWARDS SHAPING THE FUTURE OF ADOLESCENT ALCOHOL AND ADDICTION RESEARCH
ORGANIZER: SANDRA A. BROWN, UNIVERSITY OF CALIFORNIA, SAN DIEGO, LA JOLLA, CA, USA
CHAIR: SUSAN F. TAPERT, UNIVERSITY OF CALIFORNIA SAN DIEGO, PSYCHIATRY, LA JOLLA, CA, USA

1:20 INTRODUCTION
John Matochik, NIAAA, National Institutes of Health, Bethesda, MD, USA

1:25 THE NATIONAL CONSORTIUM ON ALCOHOL AND NEURODEVELOPMENT IN ADOLESCENCE (NCANDA) CLINICAL AND NEUROPSYCHOLOGICAL ASSESSMENT BATTERY
Susan F. Tapert, University of California San Diego, Psychiatry, La Jolla, CA, USA

1:40 HARMONIZATION OF MULTIMODAL NEUROIMAGING TO EXAMINE AGE, SEX, AND ALCOHOL-RELATED CHANGES IN BRAIN STRUCTURE THROUGH ADOLESCENCE AND YOUNG ADULTHOOD
Adolf Pfefferbaum, SRI International, Biosciences, Menlo Park, CA, USA

1:55 HARNESSING THE POWER OF MOBILE TECHNOLOGY TO MONITOR ALCOHOL USE AND BEHAVIORS IN DAILY LIFE
Ty Brumback, University of California San Diego, La Jolla, CA, USA

2:10 PUBLIC ACCESS TO THE NATIONAL CONSORTIUM ON ALCOHOL & NEURODEVELOPMENT IN ADOLESCENCE (NCANDA) DATA
Kilian Pohl, SRI International / Stanford, Menlo Park, CA, USA

2:25 OPEN DISCUSSION
Sandra A. Brown, University of California, San Diego, La Jolla, CA, USA

BEHAVIORAL ECONOMIC PERSPECTIVES ON ALCOHOL MISUSE:
EMERGING FINDINGS ACROSS MULTIPLE DISCIPLINES
ORGANIZER/CHAIR: JASON J. RAMIREZ, UNIVERSITY OF WASHINGTON, SEATTLE, WA, USA

1:20 INTRODUCTION
Jason J. Ramirez, University of Washington, Seattle, WA, USA

1:25 ELEVATED BEHAVIORAL ECONOMIC DEMAND FOR ALCOHOL AMONG SIMULTANEOUS ALCOHOL AND MARIJUANA USERS
Jason J. Ramirez, University of Washington, Seattle, WA, USA

1:43 BEHAVIORAL ECONOMIC MEASURES OF IMPULSIVITY AND ALCOHOL DEMAND PREDICT DIFFERENT DIMENSIONS OF PROBLEM SEVERITY AND OUTCOMES AMONG PROBLEM DRINKERS ATTEMPTING NATURAL RECOVERY
Jalie A. Tucker, University of Florida, Gainesville, FL, USA

2:01 BEHAVIORAL ECONOMIC PREDICTORS OF BRIEF INTERVENTION OUTCOMES AMONG VETERANS AND COLLEGE STUDENT HEAVY DRINKERS
James G. Murphy, University of Memphis, Memphis, TN, USA

2:19 STRUCTURAL BRAIN CORRELATES OF IMPULSIVE DELAYED REWARD DISCOUNTING IN ALCOHOL AND NICOTINE USE DISORDERS
Michael Amlung, McMaster University, Hamilton, ON, Canada

2:37 DISCUSSANT/QUESTION MODERATOR
James MacKillop, McMaster University, Hamilton, ON, Canada

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***EXPANDING YOUR RESEARCH POSSIBILITIES AND COLLABORATIONS:
NIAAA-SUPPORTED R24 RESOURCE PROGRAMS IN BASIC BIOMEDICAL RESEARCH
ORGANIZERS/CHAIRS: DALE HERELD, NIAAA, NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD, USA AND
H. JOE WANG, DIVISION OF METABOLISM AND HEALTH EFFECTS, NIAAA, BETHESDA, MD, USA

1:20 INTRODUCTION
M. Katherine Jung, Division of Metabolism and Health Effects, NIH/NIAAA, Bethesda, MD, USA

1:25 PANELISTS:
INTEGRATIVE LIVER CELL CORE (ILCC)
Hidekazu Tsukamoto, Keck School of Medicine of University of Southern California, Los Angeles, CA, USA

MOUSE MODELS FOR ALCOHOL METABOLISM AND TISSUE INJURY
Vasili Vasiliou, Department of Environmental Health Sciences, Yale School of Public Health, New Haven, CT, USA

THE HERITABLE TRANSCRIPTOME AND ALCOHOLISM
Boris Tabakoff, University of Colorado Department of Pharmaceutical Sciences, Aurora, CO, USA

MONKEY ALCOHOL TISSUE RESEARCH RESOURCE (MATRR)
Kathleen Grant, Oregon Health & Science University, Oregon National Primate Research Center, Beaverton, OR, USA

CLINICAL RESOURCES FOR ALCOHOLIC HEPATITIS INVESTIGATIONS
Zhaoli Sun, Johns Hopkins University School of Medicine, Baltimore, MD, USA

CLINICAL RESOURCE FOR LUNG AND ALCOHOL INVESTIGATIONS
Ellen Burnham, University of Colorado, Aurora, CO, USA

2:25 OPEN DISCUSSION
Dale Hereld, NIAAA, National Institutes of Health, Bethesda, MD, USA

***EMERGING WAYS TO LEVERAGE HUMAN LABORATORY PARADIGMS TO ADVANCE MEDICATION
DEVELOPMENT FOR ALCOHOLISM
ORGANIZERS/CHAIRS: ROBERT MIRANDA JR., BROWN UNIVERSITY, CENTER ON ALCOHOL
AND ADDICTION STUDIES, PROVIDENCE, RI, USA AND
STEPHANIE O’MALLEY, YALE SCHOOL OF MEDICINE, PSYCHIATRY, NEW HAVEN, CT, USA

1:20 INTRODUCTION
Stephanie O’Malley, Yale School of Medicine, Psychiatry, New Haven, CT, USA

1:25 COMBINING ALCOHOL CHALLENGE WITH SELF-ADMINISTRATION IN THE HUMAN LABORATORY
Lara Ray, UCLA, Los Angeles, CA, USA

1:43 USING LABORATORY-BASED DRINKING PARADIGMS TO EXAMINE OPIOID-GLUTAMATE INTERACTIONS ON ALCOHOL DRINKING
BEHAVIORS AMONG FHP DRINKERS
Suchitra Krishnan-Sarin, Yale University School of Medicine, Psychiatry, New Haven, CT, USA

2:01 COMBINING ALCOHOL CUE-REACTIVITY AND ADMINISTRATION PROCEDURES TO STUDY THE BIOBEHAVIORAL EFFECTS OF
MEDICATIONS ON ALCOHOL-RELATED BEHAVIORS
Mehdi Farokhnia, NIAAA, National Institutes of Health, Bethesda, MD, USA

2:19 MEDICATION EFFECTS ON ALCOHOL AND CANNABIS CUE REACTIVITY IN THE HUMAN LABORATORY PREDICT REAL-WORLD
OUTCOMES: REPLICATED FINDINGS ACROSS FOUR CLINICAL TRIALS
Robert Miranda, Jr., Brown University, Center on Alcohol and Addiction Studies, Providence, RI, USA

2:37 DISCUSSANT/QUESTION MODERATOR
Raye Litten, NIAAA, Rockville, MD, USA

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**ISA DOPAMINE DEAD? NEW FINDINGS REGARDING DOPAMINE’S ROLE IN ALCOHOL USE AND TREATMENT**  
**ORGANIZER/CHAIR: JOSEPH SCHACHT, MEDICAL UNIV. OF SOUTH CAROLINA, DEPT. OF PSYCHIATRY & BEHAVIORAL SCIENCES, CHARLESTON, SC, USA**

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<th>Time</th>
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<tr>
<td>1:20</td>
<td>INTRODUCTION</td>
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<td>Joseph Schacht, Medical University of South Carolina, Dept. of Psychiatry &amp; Behavioral Sciences, Charleston, SC, USA</td>
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<td>1:25</td>
<td>BRAIN ETHANOL AND DOPAMINE EXTRACELLULAR CONCENTRATIONS: DIFFERENTIAL PATTERNS OF ACTIVATION IN MESOCORTICOLIMBIC SUBREGIONS BY INTRAVENOUS OR SELF-ADMINISTRATION</td>
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<td>Rueben Gonzales, The University of Texas at Austin, Division of Pharmacology and Toxicology, Austin, TX, USA</td>
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<td>1:43</td>
<td>DOPAMINE AND ALCOHOL: WHAT’S REALLY GOING ON?</td>
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<td>David Kareken, Indiana University School of Medicine, Dept. of Neurology, Indianapolis, IN, USA</td>
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<td>2:01</td>
<td>ARIPIPRAZOLE SUPPRESSION OF DRINKING IN A CLINICAL LABORATORY PARADIGM: INFLUENCE OF IMPULSIVITY AND SELF-CONTROL</td>
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<td>Raymond Anton, Medical University of South Carolina, Dept. of Psychiatry &amp; Behavioral Sciences, Charleston, SC, USA</td>
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<td>2:19</td>
<td>INTERACTING EFFECTS OF ARIPIPRAZOLE AND DOPAMINERGIC GENETIC VARIATION ON ALCOHOL SELF-ADMINISTRATION AND THE NEURAL RESPONSE TO ALCOHOL CUES</td>
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<td>Joseph Schacht, Medical University of South Carolina, Dept. of Psychiatry &amp; Behavioral Sciences, Charleston, SC, USA</td>
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<td>2:37</td>
<td>DISCUSSANT/QUESTION MODERATOR</td>
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<td>Lorenzo Leggio, NIAAA and NIDA, CPN, Bethesda, MD, USA</td>
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<td>2:50pm-3:10pm</td>
<td>COFFEE BREAK</td>
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<td>3:10</td>
<td>INTRODUCTION</td>
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<td>Graeme Mason</td>
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<td>3:15</td>
<td>A ROLE FOR HISTONE DEACETYLASES IN TRAUMATIC BRAIN INJURY-INDUCED ESCALATION IN ALCOHOL USE</td>
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<td>Amanda Bolton-Hall</td>
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<td>3:27</td>
<td>INTRAVENOUS GHRELIN ADMINISTRATION INCREASES ALCOHOL SELF-INFUSION IN HEAVY DRINKERS: A PRELIMINARY HUMAN LABORATORY STUDY</td>
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<td>Mehdi Farokhnia</td>
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<td>3:39</td>
<td>POTENTIAL ROLE FOR A CONSERVED LONG NON-CODING RNA IN REGULATING NMDA-RECEPTORS AND ALCOHOL USE DISORDER</td>
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<td>Sean Farris</td>
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<td>3:51</td>
<td>EXPERIMENTAL EVIDENCE FOR THE INCENTIVE SENSITIZATION THEORY OF ADDICTION IN INDIVIDUALS LOW IN SENSITIVITY TO ALCOHOL</td>
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<td>Kimberly Fleming</td>
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<td>4:03</td>
<td>A NOVEL PARADIGM FOR MODELING IMPAIRED CONTROL OVER ALCOHOL IN THE HUMAN LABORATORY USING INTRAVENOUS ALCOHOL SELF-ADMINISTRATION</td>
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<td>Jeffrey Wardell</td>
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<td>4:15</td>
<td>NEIGHBORHOOD DISADVANTAGE, TRAUMA EXPOSURE, AND ALCOHOL INVOLVEMENT IN AFRICAN AMERICAN AND WHITE WOMEN</td>
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<td>Kimberly Werner</td>
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29
RSA 2017 DAILY SCHEDULE

MONDAY, JUNE 26

3:10pm - 4:40pm SYMPOSIUM MINERAL HALL DE

NEW DISCOVERIES IN NEW NEURONS: ADULT NEURAL STEM CELLS AND THEIR ROLES IN ALCOHOL USE DISORDERS
ORGANIZERS/CHAIRS: KIMBERLY NIXON, UNIV. OF KENTUCKY, PHARMACEUTICAL SCIENCES, LEXINGTON, KY, USA
AND HOONKYO SUH, CLEVELAND CLINIC, STEM CELL BIOLOGY AND REGENERATIVE MEDICINE,
CLEVELAND, OH, USA

3:10 INTRODUCTION
Kimberly Nixon, University of Kentucky, Lexington, KY, USA

3:15 SPATIAL, TEMPORAL, AND SEX DEPENDENT RESPONSES OF ADULT ENDOGENOUS NEURAL STEM CELLS TO ALCOHOL
Ping Wu, University of Texas Medical Branch, Galveston, TX, USA

3:33 THE EFFECT OF CHRONIC ALCOHOL CONSUMPTION ON THE FUNCTIONAL INTEGRATION OF HIPPOCAMPAL NEWBORN
NEURONS INTO NEURAL CIRCUITS
Hoonkyo Suh, Cleveland Clinic, Cleveland, OH, USA

3:51 THE FUNCTIONAL ROLE OF REACTIVE, ADULT NEUROGENESIS TO HIPPOCAMPAL RECOVERY FOLLOWING ALCOHOL
DEPENDENCE
Kimberly Nixon, University of Kentucky, Pharmaceutical Sciences, Lexington, KY, USA

4:09 CONTRIBUTION OF IMMATURE NEURONS GENERATED DURING THE PROLIFERATIVE BURST TO EMOTIONAL MEMORY
BEHAVIORS ASSOCIATED WITH ALCOHOL DEPENDENCE
Chitra Mandyam, VA San Diego Healthcare System, San Diego, CA, USA

4:27 DISCUSSANT/QUESTION MODERATOR
Hoonkyo Suh, Cleveland Clinic, Cleveland, OH, USA

3:10pm - 4:40pm SYMPOSIUM MINERAL HALL FG

IMPACT OF BRAIN-GUT-LIVER AXIS AND ALCOHOL INDUCED NEUROINFLAMMATION ON ORGAN INJURY
ORGANIZER/CHAIR: DIPAK K. SARKAR, RUTGERS, STATE UNIVERSITY OF NEW JERSEY, NEW BRUNSWICK, NJ, USA
CHAIR: SOUNDAR REGUNATHAN, NIAAA, NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD, USA

3:10 INTRODUCTION
Dipak Sarkar, Rutgers, State University of New Jersey, New Brunswick, NJ, USA

3:15 CENTRAL AND PERIPHERAL IMMUNE ACTIVATION TO ETHANOL INVOLVES HMGB1, IL-1B AND TOLL-LIKE RECEPTOR
SIGNALING
Leon G. Coleman, UNC-Chapel Hill, Bowles Center for Alcohol Studies, Chapel Hill, NC, USA

3:33 CRITICAL ROLE OF PHOSPHODIESTERASE 4B (PDE4B) IN ALCOHOL-INDUCED CHANGES IN THE GUT-LIVER-BRAIN AXIS AND
DEVELOPMENT OF NEURO-INFLAMMATION
Shirish Barve, University of Louisville, Louisville, KY, USA

3:51 CRITICAL ROLE FOR PROTEOSTASIS REGULATOR HSP90 IN ALCOHOL INDUCED NEUROINFLAMMATION
Asmita Choudhury, Dept of Medicine, University of Massachusetts Medical School, Worcester, MA, USA

4:09 REGULATION OF WERNICKE ENCEPHALOPATHY AT THE GUT-BBB INTERFACE TRANSPORT SYSTEMS
James Haorah, New Jersey Institute of Technology, Center for Brain Injury and Med, Newark, NJ, USA

4:27 DISCUSSANT/QUESTION MODERATOR
Soundar Regunathan, NIAAA, National Institutes of Health, Bethesda, MD, USA

***Indicates a translational symposium. We strongly encouraged proposals that bridge different types of research (e.g., preclinical and clinical), to provide the opportunity for society members with different interests to interact.
3:10 INTRODUCTION
Fred Wolf, University of California, School of Natural Sciences, Merced, CA, USA

3:15 GENETIC AND GENOMIC ANALYSIS OF MOLECULAR MECHANISMS MODULATING ANXIOLYTIC PROPERTIES OF ETHANOL
Michael Miles, Virginia Commonwealth University, Richmond, VA, USA

3:33 ENDGENOUS DIETARY LIPIDS MODULATE ACUTE ETHANOL RESPONSE BEHAVIORS IN C. ELEGANS AND MICE
Jill Bettinger, VCU-Alcohol Res. Ctr., Dept. of Pharmacology & Toxicology, Virginia Commonwealth Univ., Richmond, VA, USA

3:51 ACUTE ALCOHOL EXPOSURE ALTERS THE DISTRIBUTION OF ALPHA4 NICOTINIC RECEPTORS IN THE MOUSE BRAIN
Selena E. Bartlett, Queensland University of Technology, Brisbane, Queensland, Australia

4:09 A SIR2-DEPENDENT PRESYNAPTIC MECHANISM FOR ALCOHOL BEHAVIORAL PLASTICITY
Fred Wolf, University of California, School of Natural Sciences, Merced, CA, USA

4:27 DISCUSSANT/QUESTION MODERATOR
Jill Bettinger, VCU-Alcohol Res. Ctr., Dept. of Pharmacology & Toxicology, Virginia Commonwealth Univ., Richmond, VA, USA

3:10 INTRODUCTION
Alyssa T. Brooks, National Institutes of Health, Bethesda, MD, USA

3:15 USING WEARABLE SLEEP/WAKE ACTIVITY MONITORS TO ASSESS POOR SLEEP AS A MECHANISM OF ALCOHOL USE IN YOUNG ADULTS
Lisa Fucito, Yale University School of Medicine, Dept. of Psychiatry, New Haven, CT, USA

3:33 EFFECTIVE REMOTELY DELIVERED TREATMENT OF ALCOHOL USE WITH MONETARY INCENTIVES
Mikhail Koffarnus, Virginia Tech Carilion Research Institute, Roanoke, VA, USA

3:51 USING FITBIT AS PART OF A LIFESTYLE PHYSICAL ACTIVITY INTERVENTION FOR DEPRESSED, ALCOHOL DEPENDENT WOMEN
Ana Abrantes, Butler Hospital, Brown University, Department of Psychiatry and Human Behavior, Providence, RI, USA

4:09 SO MUCH DATA, SO LITTLE TIME: DISTILLING ACTIGRAPHY INTO MEANINGFUL SLEEP DATA AMONG PATIENTS WITH SEVERE ALCOHOL USE DISORDER
Gwenyth R. Wallen, National Institutes of Health Clinical Center, Bethesda, MD, USA

4:27 DISCUSSANT/QUESTION MODERATOR
John Curtin, University of Wisconsin, Madison, WI, USA

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### RSA 2017 DAILY SCHEDULE

**MONDAY, JUNE 26**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:10pm</td>
<td>SYMPOSIUM</td>
<td>CENTENNIAL FGH</td>
</tr>
<tr>
<td>3:10</td>
<td>INTRODUCTION</td>
<td>Paola Pedrelli, Massachusetts General Hospital Depression Clinical &amp; Research Program, Boston, MA, USA</td>
</tr>
<tr>
<td>3:15</td>
<td>A BEHAVIORAL ECONOMIC INTERVENTION REDUCES DRINKING AMONG COLLEGE STUDENT DRINKERS WITH PSYCHIATRIC SYMPTOMS</td>
<td>Ashley Dennhardt, University of Memphis, Memphis, TN, USA</td>
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<tr>
<td>3:33</td>
<td>TREATMENTS FOR CO-OCCURRING BINGE DRINKING AND DEPRESSIVE SYMPTOMS</td>
<td>Paola Pedrelli, Massachusetts General Hospital Depression Clinical and Research Program, Boston, MA, USA</td>
</tr>
<tr>
<td>3:51</td>
<td>BASELINE PATTERNS OF SUBSTANCE USE DISORDER SEVERITY AND NEGATIVE AFFECT MODERATE THE EFFICACY OF MINDFULNESS-BASED RELAPSE PREVENTION</td>
<td>Corey Roos, University of New Mexico, CASAA, Albuquerque, NM, USA</td>
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<tr>
<td>4:09</td>
<td>COMORBID DEPRESSION AND ALCOHOL USE DISORDERS IN DULLY DIAGNOSED ADOLESCENTS: TREATMENT OUTCOMES RELATED TO IMPROVEMENTS IN SELF-EFFICACY</td>
<td>Marisa Silveri, McLean Hospital/ Harvard Medical School, Belmont, MA, USA</td>
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**MONDAY, JUNE 26**

<table>
<thead>
<tr>
<th>Time</th>
<th>SPECIAL SESSION</th>
<th>CENTENNIAL D</th>
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<tbody>
<tr>
<td>3:10</td>
<td>SPECIAL SESSION - SCREENING OF HBO DOCUMENTARY: RISKY DRINKING</td>
<td>ORGANIZER: GEORGE KOOB, NIAAA, NATIONAL INSTITUTES OF HEALTH, ROCKVILLE, MD, USA</td>
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<tr>
<td>3:10</td>
<td>INTRODUCTION</td>
<td>George Koob, NIAAA, National Institutes of Health, Rockville, MD, USA</td>
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<tr>
<td>3:15</td>
<td>“RISKY DRINKING” SCREENING - 90 minutes</td>
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<tr>
<td>4:45</td>
<td>COMMENTARY PANELISTS - 30 minutes (overlaps with portion of poster session):</td>
<td>George Koob, NIAAA, National Institutes of Health, Rockville, MD, USA</td>
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<tr>
<td>4:45</td>
<td>Carrie Wilkens, Center for Motivation &amp; Change, New York, NY, USA</td>
<td>Deidra Roach, NIAAA, National Institutes of Health, Rockville, MD, USA</td>
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**CAPITOL BALLROOM**

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<tr>
<th>Time</th>
<th>POSTER SESSION II</th>
<th>CENTENNIAL D</th>
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<tbody>
<tr>
<td>4:50pm</td>
<td>POSTER NUMBERS: 1-328 / ABSTRACT NUMBERS: 329-657</td>
<td>two 1-hour manning periods - Number 1 first hour; Number 2 second hour (light refreshments)</td>
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**TUESDAY, JUNE 27**

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<tr>
<th>Time</th>
<th>CONTINENTAL BREAKFAST</th>
<th>CENTENNIAL FOYER</th>
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<tr>
<td>6:30am</td>
<td>Nametag Required.</td>
<td>CENTENNIAL FOYER</td>
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<tr>
<td>7:30am</td>
<td>RSA REGISTRATION DESK - Open</td>
<td>CENTENNIAL FOYER</td>
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**Indicates a translational symposium. We strongly encouraged proposals that bridge different types of research (e.g., preclinical and clinical), to provide the opportunity for society members with different interests to interact.**

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32
RSA 2017 DAILY SCHEDULE

TUESDAY, JUNE 27

8:00am - 8:45am  PLENARY SESSION III - 2017 RSA DISTINGUISHED RESEARCHER  CENTENNIAL DE

UNDERSTANDING HEALTH OUTCOMES OF EXCESSIVE ALCOHOL USE THROUGH THE WINDOW OF THE NEURO-ENDOCRINE-IMMUNE SYSTEM
Dipak K. Sarkar, Ph.D., Distinguished Professor & Director, Endocrine Program, Rutgers University, New Brunswick, NJ

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

9:15am - 10:45am  YOUNG SCIENTISTS FORUM ON ALCOHOL-INDUCED CELLULAR AND TISSUE DAMAGE
ORGANIZERS/CHAIRS: GARY J. MURRAY, NIAAA, NATIONAL INSTITUTES OF HEALTH, ROCKVILLE, MD, USA AND ELIZABETH KOVACS, UNIVERSITY OF COLORADO DENVER, AURORA, CO, USA

9:15  INTRODUCTION
Gary J. Murray, NIAAA, National Institutes of Health, Rockville, MD, USA

9:20  PANELISTS:
STEARYL-COA DESATURASE IN ALCOHOL-PROMOTED LIVER TUMORIGENESIS
Keane Lai, University of Southern California, Los Angeles, CA, USA

GENE - ETHANOL INTERACTIONS AND THEIR IMPACT ON CRANIOFACIAL DEVELOPMENT
Ben Lovely, University of Texas, Austin, TX, USA

ETHANOL-INDUCED ALTERATIONS IN Pancreatic AND GASTRIC HORMONE SECRETION CONTRIBUTES TO HEPATIC STEATOSIS
Karuna Rasineni, University of Nebraska, VAMC Research Service, Omaha, NE, USA

NRF2 PATHWAY IS REQUIRED FOR AMPK-MEDIATED PROTECTION AGAINST ETHANOL-INDUCED STEATOSIS IN MICE WITH CHRONIC GLUTATHIONE DEPLETION
Stephanie Marshall, School of Public Health, Yale University, New Haven, CT, USA

ALCOHOL INDUCES ALVEOLAR MACROPHAGE MITOCHONDRIAL OXIDATIVE STRESS AND DYSFUNCTION VIA MICRORNAS-130A/301A AND TRANSCRIPTION FACTOR B1, MITOCHONDRIAL
Samantha Yeligar, Emory University / Atlanta VA Medical Center, Department of Medicine, Decatur, GA, USA

MICROBIALLY-MEDIATED ALCOHOL SENSITIVITY: A MODEL SYSTEM USING FRUIT FLIES, THEIR MICROBIOME, AND INGESTED ALCOHOL
James Angus Chandler, Department of Molecular and Cell Biology, University of California, Berkeley, CA, USA

10:20  OPEN DISCUSSION
Elizabeth Kovacs, University of Colorado Denver, Aurora, CO, USA

9:15am - 10:45am  SYMPOSIUM  MINERAL HALL ABC

PERINEURONAL NETS - WEAVING NEW TWISTS IN ALCOHOL AND DRUG USE AND DEPENDENCE
ORGANIZER/CHAIR: SOUNDAR REGUNATHAN, NIAAA, NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD, USA
CHAIR: QI-YING LIU, NIAAA, NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD, USA

9:15  INTRODUCTION
Soundar Regunathan, NIAAA, National Institutes of Health, Bethesda, MD, USA

9:20  PERINEURONAL NET DEFICITS IN PSYCHIATRIC DISORDERS
Wilson Woo, McLean Hospital, Belmont, MA, USA

9:38  COCAINE MEMORIES: CAUGHT IN THE PERINEURONAL NET?
Barbara Sorg, Integrative Physiology and Neuroscience, Washington State University, Vancouver, WA, USA

9:56  ALTERED EXPRESSION OF PERINEURONAL NETS FOLLOWING NICOTINE AND AMPHETAMINE REWARD
Dolores Vazquez Sanroman, Anatomy & Cell Biology College of Osteopathic Med., Oklahoma State Univ., Tulsa, OK, USA

10:14  CONSEQUENCES OF ALCOHOL EXPOSURE ON PERINEURONAL NETS IN THE CORTEX
Amy Lasek, University of Illinois at Chicago, Psychiatry, Chicago, IL, USA

10:32  DISCUSSANT/QUESTION MODERATOR
Elizabeth Powell, NIAAA, National Institutes of Health, Bethesda, MD, USA

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RISK AND RESILIENCY FACTORS ASSOCIATED WITH ALCOHOL MISUSE AMONG MILITARY PERSONNEL
ORGANIZERS/CHAIRS: JENNIFER FILLO, UNIVERSITY AT BUFFALO, SUNY, RESEARCH INST. ON ADDICTIONS, BUFFALO, NY, USA
AND LINDSEY M. RODRIGUEZ, UNIVERSITY OF SOUTH FLORIDA-ST. PETERSBURG, ST. PETERSBURG, FL, USA

9:15 INTRODUCTION
Jennifer Fillo, University at Buffalo, The State University of New York, Research Inst. on Addictions, Buffalo, NY, USA

9:20 HARDINESS, AVOIDANCE COPING, AND ALCOHOL CONSUMPTION IN MILITARY VETERANS: A MODERATED-MEDIATION STUDY
Paul Bartone, Center for Technology & National Security Policy, National Defense University, Washington, DC, USA

9:38 DEPLOYMENT-RELATED MILITARY SEXUAL TRAUMA PREDICTS ALCOHOL PROBLEMS AMONG MALE RESERVE AND NATIONAL GUARD SOLDIERS
Jennifer Fillo, University at Buffalo, The State University of New York, Research Inst. on Addictions, Buffalo, NY, USA

9:56 RESULTS FROM A RANDOMIZED CONTROLLED TRIAL OF A WEB-BASED INTERVENTION FOR THOSE CONCERNED WITH THEIR MILITARY PARTNER’S DRINKING
Karen Osilla, RAND Corporation, Santa Monica, CA, USA

10:14 CARING FOR THE CAREGIVER: ALCOHOL USE AMONG PARTNERS CONCERNED ABOUT SERVICE MEMBER DRINKING
Lindsey M. Rodriguez, University of South Florida-St. Petersburg, St. Petersburg, FL, USA

10:32 DISCUSSANT/QUESTION MODERATOR
Stephen A. Maisto, Syracuse University, Syracuse, NY, USA

9:15am - 10:45am WORKSHOP MINERAL HALL FG

IMPROVING THE IMPLEMENTATION OF QUANTITATIVE METHODS IN ALCOHOL RESEARCH
ORGANIZER/CHAIR: KEVIN M. KING, UNIVERSITY OF WASHINGTON, DEPARTMENT OF PSYCHOLOGY, SEATTLE, WA, USA

9:15 INTRODUCTION
Kevin M. King, University of Washington, Department of Psychology, Seattle, WA, USA

9:20 IMPROVING INFERENCE IN THE GRAPHICAL DISPLAY OF INTERACTIONS
Connor McCabe, University of Washington, Seattle, WA, USA

9:35 CONDUCTING POWER ANALYSES FOR STUDIES EXAMINING ALCOHOL USE OVER TIME
Sean P. Lane, Purdue University, West Lafayette, IN, USA

9:50 ON THE PROBLEM OF UNRELIABILITY WHEN PARSING WITHIN- AND BETWEEN-PERSON EFFECTS IN LONGITUDINAL GROWTH MODELS
Nisha Gottfredson, UNC Gillings School of Global Public Health, Chapel Hill, NC, USA

10:05 MISSED OPPORTUNITIES IN MODELING DRINKING INITIATION: INTEGRATING DEVELOPMENTAL CONSIDERATIONS
Kristina M. Jackson, Brown Univ. School of Public Health, Ctr. for Alcohol and Addiction Studies, Providence, RI, USA

10:20 OPEN DISCUSSION
Kevin M. King, University of Washington, Department of Psychology, Seattle, WA, USA

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MONEY ISN'T EVERYTHING: DISCOUNTING ACROSS COMMODITIES
ORGANIZER: BRANDON OBERLIN, INDIANA UNIVERSITY SCHOOL OF MEDICINE, INDIANAPOLIS, IN, USA
CHAIR: WARREN BICKEL, VIRGINIA TECH CARILION RESEARCH INSTITUTE, ADDICTION RECOVERY RESEARCH CENTER, ROANOKE, VA, USA

9:15 INTRODUCTION
Brandon Oberlin, Indiana University School of Medicine, Indianapolis, IN, USA

9:20 ALCOHOL INTOXICATION INCREASES DELAY DISCOUNTING FOR SEXUAL BUT NOT MONETARY DECISIONS
Matthew Johnson, Johns Hopkins University School of Medicine, Baltimore, MD, USA

9:38 HOW A CROSS-COMMODITY DISCOUNTING TASK INFORMS THE BEHAVIOR AND NEUROIMAGING OF ALCOHOL CHOICE
Brandon Oberlin, Indiana University School of Medicine, Indianapolis, IN, USA

9:56 DELAY DISCOUNTING OF ALCOHOL AND NICOTINE USE
Amy Odum, Psychology, Utah State University, Logan, UT, USA

10:14 THE MINUTE DISCOUNTING TASK AS A RAPID ASSESSMENT OF STATE-DEPENDENT CHANGE IN ALCOHOL USE DISORDERS
Warren Bickel, Virginia Tech Carilion Research Institute, Addiction Recovery Research Center, Roanoke, VA, USA

10:32 DISCUSSANT/QUESTION MODERATOR
Cristine Czachowski, Indiana University Purdue University Indianapolis, Psychology Dept., Indianapolis, IN, USA

UNDERSTANDING ALCOHOL USE AND TREATMENT EFFECTS IN MARGINALIZED POPULATIONS
ORGANIZER/CHAIR: SUSAN E. COLLINS, UNIVERSITY OF WASHINGTON, SEATTLE, WA, USA

9:15 INTRODUCTION
Dennis M. Donovan, Alcohol & Drug Abuse Institute, University of Washington, Seattle, WA, USA

9:20 LIFE ENHANCING ALCOHOL-MANAGEMENT PROGRAM (LEAP): COMMUNITY-BASED DEVELOPMENT AND EVALUATION OF HOUSING FIRST PROGRAMMING
Seema Clifasefi, Harm Reduction Res. & Treatment Ctr., Univ. of Washington-Harborview Med. Ctr., Seattle, WA, USA

9:38 RANDOMIZED CONTROLLED TRIAL OF HARM-REDUCTION TREATMENT FOR HOMELESS PEOPLE WITH AUDS
Susan E. Collins, University of Washington, Seattle, WA, USA

9:56 A COMPARISON OF ALCOHOL CONSUMPTION AND COGNITIVE FUNCTIONING AMONG URBAN VS. RURAL AMERICAN INDIAN AND ALASKA NATIVE ELDERS
Lonnie Nelson, Washington State University, Seattle, WA, USA

10:14 ETHYL GLUCORONIDE CONTINGENCY MANAGEMENT FOR ADULTS WITH SERIOUS MENTAL ILLNESS
Michael G. McDonell, Washington State University-Spokane, Spokane, WA, USA

10:32 DISCUSSANT/QUESTION MODERATOR
Dennis M. Donovan, Alcohol & Drug Abuse Institute, University of Washington, Seattle, WA, USA

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RSA 2017 DAILY SCHEDULE

TUESDAY, JUNE 27

9:15am - 10:45am

SYMPOSIUM

CENTENNIAL D

***EFFECTS OF DEVELOPMENTAL ALCOHOL EXPOSURE ON CORTEX FUNCTION

ORGANIZERS/CHAIRS: ANIA MAJEWSKA, UNIVERSITY OF ROCHESTER, ROCHESTER, NY, USA AND ALEXANDRE MEDINA, UMB, NEONATOLOGY, BALTIMORE, MD, USA

9:15 INTRODUCTION
Ania Majewska, University of Rochester, Rochester, NY, USA

9:20 PROBING NEUROPHYSIOLOGICAL CHANGES ACROSS THE DEVELOPMENTAL SPECTRUM DUE TO PRENATAL ALCOHOL EXPOSURE
Julia Stephen, The Mind Research Network, Albuquerque, NM, USA

9:38 EFFECTS OF DEVELOPMENTAL ALCOHOL EXPOSURE ON NEURONAL PLASTICITY AND MULTISENSORY INTEGRATION IN THE CORTEX
Alexandre Medina, UMB, Neonatology, Baltimore, MD, USA

9:56 DEVELOPMENTAL ETHANOL EXPOSURE AND THE PREFRONTAL CORTEX: LONG-TERM ALTERATIONS TO PYRAMIDAL NEURON STRUCTURE AND FUNCTION
Craig Bailey, University of Guelph, Guelph, Ontario, Canada

10:14 THE ROLE OF MICROGLIA IN MEDIATING THE EFFECTS OF DEVELOPMENTAL ALCOHOL EXPOSURE ON VISUAL PLASTICITY IN A MOUSE MODEL
Ania Majewska, University of Rochester, Rochester, NY, USA

10:32 DISCUSSANT/QUESTION MODERATOR
Alexandre Medina, UMB, Neonatology, Baltimore, MD, USA

TUESDAY, JUNE 27

9:15am - 10:45am

SYMPOSIUM

CENTENNIAL E

***NOVEL DIGITAL TECHNOLOGIES FOR ENHANCING THE DELIVERY OF EVIDENCE-BASED ALCOHOL USE DISORDER TREATMENT IN COMMUNITY-BASED SETTINGS

ORGANIZER/CHAIR: KEVIN A. HALLGREN, UNIVERSITY OF WASHINGTON, SEATTLE, WA, USA

9:15 INTRODUCTION
Kevin A. Hallgren, University of Washington, Seattle, WA, USA

9:20 USER-CENTERED DESIGN STRATEGIES FOR BUILDING USABLE AND ENGAGING BEHAVIORAL HEALTH TECHNOLOGIES
Tyler B. Wray, Brown University, Providence, RI, USA

9:38 COMPUTERIZED COGNITIVE BEHAVIORAL THERAPY FOR ALCOHOL USE: UNDERSTANDING THE MEDIATORS OF TREATMENT EFFECTS
Brian Kiluk, Yale University School of Medicine, New Haven, CT, USA

9:56 A DIGITAL TOOL TO PROMOTE ALCOHOL AND DRUG USE SBIRT SKILL TRANSLATION FROM CLASSROOM TO CLINIC: PROTOCOL FOR MOBILE APP DEVELOPMENT AND VALIDATION
Derek D. Satre, University of California-San Francisco, San Francisco, CA, USA

10:14 USING SPEECH SIGNAL PROCESSING AND MACHINE LEARNING TO PROVIDE AUTOMATED FEEDBACK ON MOTIVATIONAL INTERVIEWING: TRAINING DATA, SYSTEM DESIGN, AND PILOT FEASIBILITY RESULTS
David C. Atkins, University of Washington, Psychiatry and Behavioral Sciences, Seattle, WA, USA

10:32 DISCUSSANT/QUESTION MODERATOR
Katharine Bradley, Group Health Research Institute, Seattle, WA, USA

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# RSA 2017 DAILY SCHEDULE

## TUESDAY, JUNE 27

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<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>11:00am - 1:00pm</td>
<td>NIAAA-SUPPORTED RESEARCH: A GRANTSMANSHIP WORKSHOP - Open</td>
<td>CENTENNIAL D</td>
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<tr>
<td></td>
<td>Organized by the RSA Education Committee</td>
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<td>Everyone Welcome - Light Lunch available for those who RSVP’d</td>
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<td>- ticket required</td>
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<tr>
<td>11:00am - 1:00pm</td>
<td>ACER: ALCOHOLISM: CLINICAL AND EXPERIMENTAL RESEARCH - Closed</td>
<td>GRANITE ABC</td>
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<td>Board of Field Editors Meeting / Luncheon</td>
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<tr>
<td>12noon - 1:00pm</td>
<td>ANIMAL RESEARCH AND ETHICS COMMITTEE - PLANNING MEETING - Closed</td>
<td>CENTENNIAL FGH</td>
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<tr>
<td>1:20pm - 2:50pm</td>
<td>EVERYTHING YOU EVER WANTED TO KNOW ABOUT ALCOHOL TREATMENT BUT WERE AFRAID TO ASK: A PRIMER FOR NON-CLINICIANS</td>
<td>CENTENNIAL FGH</td>
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<tr>
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<td>ORGANIZERS: ANITA BECHTHOLT, NIAAA, NATIONAL INSTITUTES OF HEALTH BETHESDA, MD, USA AND ROBERT HUEBNER, NIAAA, NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD, USA</td>
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<tr>
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<td>CHAIR: GEORGE KOOB, NIAAA, NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD, USA</td>
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<tr>
<td>1:20</td>
<td>INTRODUCTION</td>
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<td>George Koob, NIAAA, National Institutes of Health, Bethesda, MD, USA</td>
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<tr>
<td>1:25</td>
<td>HOW DO YOU KNOW SOMEONE NEEDS TREATMENT AND DECIDE WHAT’S NEXT?</td>
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<td>Richard Saitz, Boston University School of Public Health, Department, of Community, Health Sciences, Boston, MA, USA</td>
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<td>1:37</td>
<td>WHAT KINDS OF BEHAVIORAL TREATMENTS ARE DELIVERED IN TREATMENT PROGRAMS?</td>
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<td>Carrie Wilkens, Center for Motivation and Change, New York City, NY, USA</td>
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<td>1:49</td>
<td>WHAT MEDICATIONS ARE USED TO TREAT ALCOHOL USE DISORDER?</td>
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<td>Barbara Mason, The Scripps Research Institute, La Jolla, CA, USA</td>
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<td>2:01</td>
<td>WHAT DOES THE TREATMENT SYSTEM LOOK LIKE AND WHO PAYS FOR TREATMENT SERVICES?</td>
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<td>Kim Johnson, Director, Center for Substance Abuse Treatment, SAMHSA, Rockville, MD, USA</td>
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<tr>
<td>2:13</td>
<td>WHAT ROLE DO MUTUAL HELP GROUPS PLAY IN THE TREATMENT OF ALCOHOL USE DISORDER?</td>
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<td>Keith Humphreys, Department of Psychiatry, VA/Stanford Medical Centers, Stanford, CA, USA</td>
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<tr>
<td>2:25</td>
<td>OPEN DISCUSSION</td>
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<tr>
<td></td>
<td>George Koob, NIAAA, National Institutes of Health, Bethesda, MD, USA</td>
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<tr>
<td>1:20pm - 2:50pm</td>
<td>SYMPOSIUM -- ALCOHOL CUE-REACTIVITY: NEW NEURAL MECHANISMS AND PREVENTION STRATEGIES</td>
<td>MINERAL HALL ABC</td>
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<tr>
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<td>ORGANIZER/CHAIR: NADIA CHAUDHRI, CONCORDIA UNIVERSITY, PSYCHOLOGY, MONTREAL, QC, CANADA</td>
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<tr>
<td>1:20</td>
<td>INTRODUCTION</td>
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<tr>
<td></td>
<td>Nadia Chaudhri, Concordia University, Psychology, Montreal, QC, Canada</td>
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<tr>
<td>1:25</td>
<td>CUE-ELICITED ALCOHOL-SEEKING BEHAVIOR: ZOOMING IN ON STRIATAL DOPAMINE</td>
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<td>Milan Valyea, Concordia University, Center for Studies in Behavioral Neurobiology, Montreal, QC, Canada</td>
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<tr>
<td>1:43</td>
<td>VENTRAL PALLIAL ENCODING OF CUE-ELICITED ALCOHOL-SEEKING BEHAVIOR</td>
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<td>Jocelyn Richard, Johns Hopkins University, Baltimore, MD, USA</td>
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<td>2:01</td>
<td>PREVENTING RELAPSE TO CUE-ELICITED ALCOHOL-SEEKING WITH POST-RETRIEVAL EXTINCTION</td>
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<td>Roberto Cofresi, University of Texas, Austin, TX, USA</td>
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<td>2:19</td>
<td>EFFECT OF TOPIRAMATE AND ARIPIPRAZOLE ON ALCOHOL CRAVING AND ALCOHOL CONSUMPTION IN THE HUMAN LABORATORY AND THE NATURAL ENVIRONMENT</td>
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<td>Robert Swift, Brown University, Center for Alcohol and Addiction Studies, Providence, RI, USA</td>
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<td>2:37</td>
<td>DISCUSSANT/QUESTION MODERATOR</td>
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<td>Rainer Spanagel, Central Institute of Mental Health, Mannheim, Germany</td>
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***Indicates a translational symposium. We strongly encourage proposals that bridge different types of research (e.g., preclinical and clinical), to provide the opportunity for society members with different interests to interact.***
RSA 2017 DAILY SCHEDULE

TUESDAY, JUNE 27

1:20pm - 2:50pm SYMPOSIUM MINERAL HALL FG

MECHANISMS AND FUNCTIONAL ROLE OF ALCOHOL-INDUCED GUT LEAKINESS IN INFLAMMATORY ORGAN DAMAGE
ORGANIZER/CHAIR: BYOUNG-JOON (B.J.) SONG, NIAAA, NATIONAL INSTITUTES OF HEALTH, ROCKVILLE, MD, USA
CHAIR: MOHAMMED AKBAR, DNB/NIAAA, NATIONAL INSTITUTES OF HEALTH, ROCKVILLE, MD, USA

1:20 INTRODUCTION
Ali Keshavarzian, Rush University Medical Center, Division of Digestive Diseases & Nutrition, Chicago, IL, USA

1:25 CHANGES IN GUT MICROBIOME BY ALCOHOL
Bernd Schnabl, Dept. of Medicine, University of California San Diego, La Jolla, CA, USA

1:43 ROLE OF CIRCADIAN RHYTHMS IN GUT LEAKINESS
Ali Keshavarzian, Rush University Medical Center, Division of Digestive Diseases & Nutrition, Chicago, IL, USA

2:01 ROLE OF CYP2E1 AND PROTEIN MODIFICATIONS IN GUT LEAKINESS CAUSED BY BINGE ALCOHOL OR FRUCTOSE
Byoung-Joon (B.J.) Song, NIAAA, National Institutes of Health, Rockville, MD, USA

2:19 NUTRITION AND ALCOHOL-INDUCED GUT-BARRIER DYSFUNCTION
Craig McClain, University of Louisville, Liver Research Center, Louisville, KY, USA

2:37 DISCUSSANT/QUESTION MODERATOR
Gyongyi Szabo, University of Massachusetts, Worcester, MA, USA

TUESDAY, JUNE 27

1:20pm - 2:50pm SYMPOSIUM MINERAL HALL DE

DRIVING UNDER THE INFLUENCE OF ALCOHOL AND CANNABIS: PREVALENCE, RISK, AND THE LAW
ORGANIZERS: TARA KELLEY-BAKER, AAA FOUNDATION FOR TRAFFIC SAFETY, WASHINGTON, DC, USA AND
EDUARDO ROMANO, PACIFIC INSTITUTE FOR RESEARCH & EVALUATION, CALVERTON, MD, USA
CHAIRS: AMY BERNING, NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION (NHTSA), WASHINGTON, DC, USA AND
ROBERT B. VOAS, PIRE, BETHESDA, MD, USA

1:20 INTRODUCTION
Robert B. Voas, PIRE, Bethesda, MD, USA

1:25 THE 2013-2014 NATIONAL ROADSIDE SURVEY OF ALCOHOL AND DRUG USE (NRS) STUDY & THE VIRGINIA BEACH
DRUG CRASH STUDY
Tara Kelley-Baker, AAA Foundation for Traffic Safety, Washington, DC, USA

1:43 ESTIMATING DRUG CRASH RISK FROM CRASH DATA
Eduardo Romano, Pacific Institute for Research & Evaluation, Calverton, MD, USA

2:01 MARIJUANA, OTHER DRUGS, AND ALCOHOL USE BY DRIVERS IN WASHINGTON STATE
Anthony Ramirez, Pacific Institute for Research and Evaluation, Calverton, MD, USA

2:19 NEW FEATURES IN THE EXPANDED API3 COVERAGE OF RECREATIONAL CANNABIS
Michael Hilton, NIAAA, Division of Epidemiology and Prevention, Rockville, MD, USA

2:37 DISCUSSANT/QUESTION MODERATOR
Amy Berning, National Highway Traffic Safety Administration (NHTSA), Washington, DC, USA

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TUESDAY, JUNE 27

1:20pm - 2:50pm SYMPOSIUM CENTENNIAL A

TREATMENT MODERATORS OF BRIEF INTERVENTIONS FOR ALCOHOL AND OTHER DRUGS IN HISPANIC SUB-GROUPS
ORGANIZER/CHAIR: CHRISTINA S. LEE, NORTHEASTERN UNIVERSITY, BOSTON, MA, USA

1:20 INTRODUCTION
Christina S. Lee, Northeastern University, Boston, MA, USA

1:25 EPIDEMIOLOGY OF HARMFUL ALCOHOL USE AND ALCOHOL-RELATED HEALTH DISPARITIES AMONG LATINOS
Miguel Pinedo, UC Berkeley, Emeryville, CA, USA

1:43 HISPANIC ADOLESCENTS' RESPONSE TO BRIEF ALCOHOL INTERVENTION: DO PERCEIVED STRESS, DEPRESSION, OR DISTRESS PLAY A ROLE?
Eric Wagner, Florida International University, Miami, FL, USA

2:01 MENTAL HEALTH AS A MODERATOR OF TREATMENT RESPONSE TO ALCOHOL MOTIVATIONAL INTERVENTION AMONG HISPANICS IN THE NORTHEAST
Christina S. Lee, Northeastern University, Boston, MA, USA

2:19 SCREENING AND BRIEF INTERVENTION FOR ALCOHOL AND DRUG USE AMONG LATINOS AND NON-LATINOS IN MENTAL HEALTH TREATMENT SETTINGS
Mitchell Karrow, University of California Los Angeles, Integrated Substance Abuse Program, Los Angeles, CA, USA

2:37 DISCUSSANT/QUESTION MODERATOR
Sarah Zemore, Alcohol Research Group, Emeryville, CA, USA

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1:20pm - 2:50pm SYMPOSIUM CENTENNIAL BC

INTRAVENOUS ALCOHOL SELF-ADMINISTRATION IN HUMANS: A NOVEL LABORATORY APPROACH TO EXAMINE RISK FACTORS FOR ALCOHOL USE DISORDER
ORGANIZER/CHAIR: VIJAY A. RAMCHANODANI, NIAAA, SECTION ON HUMAN PSYCHOPHARMACOLOGY, BETHESDA, MD, USA
ORGANIZER: CHRISTIAN S. HENDERSHOT, UNIVERSITY OF TORONTO, CENTER FOR ADDICTION & MENTAL HEALTH, TORONTO, ON, CANADA
CHAIR: MARTIN H. PLAWECKI, INDIANA UNIVERSITY SCHOOL OF MEDICINE, INDIANAPOLIS, IN, USA

1:20 INTRODUCTION
Martin Plawecki, Indiana University School of Medicine, Indianapolis, IN, USA

1:25 IV ALCOHOL SELF-ADMINISTRATION PARADIGMS TO ASSESS ALCOHOL-RELATED PHENOTYPES WITHIN A RESEARCH DOMAIN CRITERIA (RDOC) FRAMEWORK
Vijay Ramchandani, NIAAA, Section on Human Psychopharmacology, Bethesda, MD, USA

1:43 APPLYING IV SELF-ADMINISTRATION TO INVESTIGATE EVENT-LEVEL AND LONGITUDINAL ASSOCIATIONS OF SUBJECTIVE RESPONSES WITH CONSUMPTION IN LATE ADOLESCENCE
Christian Hendershot, University of Toronto, Centre for Addiction and Mental Health, Toronto, ON, Canada

2:01 GENDER DIFFERENCES IN POST-ABSTINENCE IV ALCOHOL SELF-ADMINISTRATION
Martin Plawecki, Indiana University School of Medicine, Indianapolis, IN, USA

2:19 SUBJECTIVE RESPONSES AND SELF-ADMINISTRATION OF ALCOHOL: IMPLICATIONS FOR ALCOHOLISM ETIOLOGY
Spencer Bujarski, University of California-Los Angeles, Los Angeles, CA, USA

2:37 DISCUSSANT/QUESTION MODERATOR
Sherry McKee, Yale University School of Medicine, Psychiatry, New Haven, CT, USA

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RSA 2017 DAILY SCHEDULE
TUESDAY, JUNE 27

1:20pm - 2:50pm SYMPOSIUM CENTENNIAL D

***CEREBELLUM, THE OTHER CORTEX AND A NEWLY DISCOVERED MEMBER OF THE ADDICTION CIRCUITRY THAT UNDERLIES ALCOHOL USE AND DEPENDENCE
ORGANIZER/CHAIRS: PAULA ZAMUDIO-BULCOCK, MEDICAL UNIVERSITY OF SOUTH CAROLINA, CHARLESTON, SC, USA AND JOHN J. WOODWARD, MEDICAL UNIV. OF SOUTH CAROLINA, DEPT. OF NEUROSCI, PYSCH, CHARLESTON, SC, USA

1:20 INTRODUCTION
John J. Woodward, Medical University of South Carolina, Department of Neurosci, Pysch, Charleston, SC, USA

1:25 CEREBELLAR MORPHOLOGY AND FAMILIAL RISK FOR ALCOHOL DEPENDENCE: ITS RELATIONSHIP TO EXTERNALIZING AND INTERNALIZING DISORDERS AND DRD2 METHYLATION
Shirley Hill, University of Pittsburgh School of Medicine, Psychiatry, Pittsburgh, PA, USA

1:43 INACTIVATION OF THE POSTERIOR CEREBELLUM DECREASES VOLUNTARY ALCOHOL CONSUMPTION IN MICE
Paula Zamudio-Bulcock, Medical University of South Carolina, Charleston, SC, USA

2:01 10 MA ALCOHOL ALTERS SIGNAL PROPAGATION THROUGH THE CEREBELLUM THAT HAS DIRECT EXCITATORY SYNAPTIC CONNECTIONS TO THE VENTRAL TEGMENTAL AREA (VTA)
David Rossi, Washington State University, Department of Integrative Physiology and Neuroscience, Pullman, WA, USA

2:19 CEREBELLAR MODULATION OF THE DOPAMINERGIC REWARD PATHWAY
Kamran Khodakhah, Neuroscience, Albert Einstein College of Medicine, Harrison, NY, USA

2:37 DISCUSSANT/QUESTION MODERATOR
Brian McCool, Wake Forest School of Medicine, Physiology & Pharmacology, Winston-Salem, NC, USA

1:20pm - 2:50pm SYMPOSIUM CENTENNIAL E

***TRANSLATIONAL RESEARCH IN ALCOHOL AND SEXUAL VIOLENCE
ORGANIZER/CHAIR: LINDSAY ORCHOWSKI, BROWN UNIVERSITY, ALPERT MEDICAL SCHOOL OF BROWN UNIVERSITY, PROVIDENCE, RI, USA

1:20 INTRODUCTION
Lindsay Orchowski, Brown University, Alpert Medical School of Brown University, Providence, RI, USA

1:25 A CROSS-LAGGED ANALYSIS OF HEAVY ALCOHOL USE AND INCAPACITATED RAPE
Kate Carey, Brown University, Alcohol & Addiction Studies, Providence, RI, USA

1:43 ALCOHOL INTOXICATION AND BYSTANDER INTERVENTION IN SEXUAL ASSAULT: EXAMINING THE EFFECTS IN A LABORATORY SETTING
Lindsay Ham, University of Arkansas, Department of Psychology, Fayetteville, AR, USA

2:01 A QUALITATIVE ANALYSIS OF BYSTANDER INTERVENTION AMONG HEAVY DRINKING COLLEGE MEN
Daniel Oesterle, Department of Psychiatry, Rhode Island Hospital, Providence, RI, USA

2:19 A WEB-BASED INTERVENTION TARGETING ALCOHOL USE AND SEXUAL RISK AMONG FEMALE VETERANS
Amanda Gilmore, Medical University of South Carolina, Charleston, SC, USA

2:37 DISCUSSANT/QUESTION MODERATOR
Elizabeth Neilson, University of Washington, Seattle, WA, USA

COFFEE BREAK CENTENNIAL FOYER

2:50-3:10pm

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RSA 2017 DAILY SCHEDULE

TUESDAY, JUNE 27

3:10pm - 4:40pm SYMPOSIUM MINERAL HALL DE

ARTIFICIALLY SELECTED MODEL ORGANISMS: FINDING THE GENES
ORGANIZER/CHAIR: DAVID GOLDMAN, NIAAA, LABORATORY OF NEUROGENETICS, ROCKVILLE, MD, USA
CHAIR: TIEBING LIANG, INDIANA UNIVERSITY, INDIANA ALCOHOL RESEARCH CTR., DEPT. OF MED., INDIANAPOLIS, IN, USA

3:10 INTRODUCTION
Tiebing Liang, Indiana University, Indiana Alcohol Research Center, Dept. of Medicine, Indianapolis, IN, USA

3:15 DESIGN AND ANALYSIS OF GENOMIC DATA FROM MODEL ORGANISMS TO DETECT GENES RESPONDING TO SELECTION FOR ALCOHOL DRINKING PREFERENCE
William Muir, Indiana Alcohol Research Center, Purdue University, West Lafayette, IN, USA

3:33 DISSECTION OF ALCOHOL WITHDRAWAL SYMPTOMS IN WSP AND WSR AND F2 INTERCROSS MICE USING A GENERATIONAL GENOMICS STRATEGY
Pamela Metten, Oregon Health & Science Univ., Dept of Behavioral Neuroscience, VA Portland HCS, Portland, OR, USA

3:51 IDENTIFYING GENETIC VARIANTS ALTERING RESPONSE TO METHAMPHETAMINE IN FRUIT FLIES USING SELECTION AND NEXT-GENERATION SEQUENCING
Colin Hodgkinson, NIAAA, Rockville, MD, USA

4:09 IDENTIFICATION OF GENETIC LOCI INFLUENCING VULNERABILITY TO COCAINE ADDICTION IN SELECTIVELY BRED HIGH RESPONDER AND LOW RESPONDER RAT LINES
Zhifeng Zhou, Laboratory of Neurogenetics, NIAAA, National Institutes of Health, Rockville, MD, USA

4:27 DISCUSSANT/QUESTION MODERATOR
John Crabbe, VA Portland Health Care System, Research Service, VAMC, Portland, OR, USA

3:10pm - 4:40pm SYMPOSIUM MINERAL HALL FG

NEUROBIOLOGICAL RISK FACTORS FOR ALCOHOL ADDICTION IN FEMALES:
RECENT ADVANCES IN CLINICAL AND PRECLINICAL RESEARCH
ORGANIZER/CHAIR: MARY JANE SKELLY, WEILL CORNELL MEDICINE, DEPARTMENT OF PHARMACOLOGY, NEW YORK, NY, USA

3:10 INTRODUCTION
Mary Jane Skelly, Weill Cornell Medicine, Department of Pharmacology, New York, NY, USA

3:15 SEXUAL DIMORPHISM IN STRESS AND ALCOHOL MODULATION OF THE BLA-CEA CIRCUIT
Marian Logrip, Indiana University - Purdue University Indianapolis, Department of Psychology, Indianapolis, IN, USA

3:33 SEX DIFFERENCES IN A PEPTIDERGIC CIRCUIT DRIVING BINGE DRINKING AND AFFECTIVE BEHAVIOR
Kristen Pleil, Weill Cornell Medicine, Department of Pharmacology, New York, NY, USA

3:51 DOPAMINERGIC DYNAMICS UNDERLYING SEX-SPECIFIC COCAINE REWARD PROCESSING
Erin Calipari, Icahn School of Medicine at Mt Sinai, Department of Neuroscience, New York, NY, USA

4:09 NEUROBIOLOGICAL FACTORS UNDERLYING SEX DIFFERENCES IN DISINHIBITION IN HEAVY DRINKERS
Jessica Weaper, University of Chicago, Department of Psychiatry and Behavioral Neuroscience, Chicago, IL, USA

4:27 DISCUSSANT/QUESTION MODERATOR
Donita Robinson, Bowles Center for Alcohol Studies, University of North Carolina, Chapel Hill, NC, USA

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RSA 2017 DAILY SCHEDULE

TUESDAY, JUNE 27

3:10 - 4:40pm SYMPOSIUM CENTENNIAL BC

ALCOHOL USE DISORDER AND TRAUMATIC BRAIN INJURY: INTEGRATIVE APPROACH TO UNDERSTANDING AND TREATING CO-MORBIDITY

ORGANIZERS: AMY A. HERROLD, EDWARD HINES JR., VA HOSPITAL & NORTHWESTERN UNIVERSITY, CHICAGO, IL, USA AND DAVID L. PENNINGTON, SAN FRANCISCO VAMC & UNIVERSITY OF CALIFORNIA SAN FRANCISCO, DEPARTMENT OF PSYCHIATRY, SAN FRANCISCO, CA, USA

CHAIR: STEVEN L. BATKI, UNIVERSITY OF CALIFORNIA SAN FRANCISCO, DEPT. OF PSYCHIATRY, SAN FRANCISCO, CA, USA

3:10 INTRODUCTION
Steven L. Batki, University of California San Francisco, Dept. of Psychiatry, San Francisco, CA, USA

3:15 THE PREVALENCE AND CORRELATES OF BRAIN INJURY IN PEOPLE SEEKING TREATMENT FOR SUBSTANCE USE DISORDERS
Carolyn Lemsky, Community Head Injury Resource Services (CHIRS), Toronto, Ontario, Canada

3:33 CHARACTERIZING ALCOHOL CRAVING AND EXECUTIVE FUNCTION AMONG VETERANS WITH ALCOHOL USE DISORDER AND CO-OCCURRING MILD TRAUMATIC BRAIN INJURY
Amy A. Herrold, Edward Hines Jr., VA Hospital & Northwestern Univ., Feinberg School of Medicine, Chicago, IL, USA

3:51 TOPIRAMATE TREATMENT FOR ALCOHOL USE DISORDER IN VETERANS WITH MILD TRAUMATIC BRAIN INJURY: A PILOT CONTROLLED CLINICAL TRIAL
Steven L. Batki, University of California San Francisco, Dept. of Psychiatry, San Francisco, CA, USA

4:09 NEUROCOGNITIVE FUNCTIONING IN HEAVY DRINKING VETERANS WITH MILD TRAUMATIC BRAIN INJURY: ASSOCIATIONS WITH TREATMENT OUTCOME
David L. Pennington, San Francisco VAMC & Univ. of California San Francisco, Dept. of Psychiatry, San Francisco, CA, USA

4:27 DISCUSSANT/QUESTION MODERATOR
Steven L. Batki, University of California San Francisco, San Francisco, CA, USA

3:10pm - 4:40pm SYMPOSIUM MINERAL HALL ABC

ALCOHOL RX: RISK FACTORS AND INTERVENTIONS FOR CONTRAINDICATED ALCOHOL CONSUMPTION IN MEDICAL AND MEDICATION USING POPULATIONS

ORGANIZER/CHAIR: HEATHER KRIEGER, UNIVERSITY OF HOUSTON, HOUSTON, TX, USA

3:10 INTRODUCTION
Heather Krieger, University of Houston, Houston, TX, USA

3:15 ASSOCIATIONS AMONG USE OF PRESCRIBED DRUGS AND RELATED CO-VARIATES AND THE NONMEDICAL USE OF PRESCRIPTION DRUGS IN A COLLEGE STUDENT SAMPLE
Kathleen A. Parks, Research Institute on Addictions, Buffalo, NY, USA

3:33 POPPING BOTTLES AND PILLS: THE EFFECTS OF PLANNED AND UNPLANNED DRINKING OCCASIONS ON MEDICATION USE AND ALCOHOL CONSUMPTION
Heather Krieger, University of Houston, Houston, TX, USA

3:51 DRINKING DESPITE KNOWLEDGE OF RISK IN A NATIONALLY REPRESENTATIVE SAMPLE OF INDIVIDUALS WITH HIV
Jennifer C. Elliott, Columbia University Medical Center, Department of Psychiatry, New York, NY, USA

4:09 OUTCOMES OF A BRIEF ALCOHOL AND MEDICATION INTERACTION (AMI) PREVENTION CAMPAIGN
Faika Zanjani, University of Maryland, Behavioral Community Health, College Park, MD, USA

4:27 DISCUSSANT/QUESTION MODERATOR
Lindsay Ham, University of Arkansas, Department of Psychology, Fayetteville, AR, USA

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PUTTING IMPLICIT ALCOHOL COGNITIONS TO THE TEST IN PERSONALITY, CLINICAL, AND DEVELOPMENTAL MODELS OF ALCOHOL RISK
ORGANIZER/CHAIR: ROISIN M. O’CONNOR, CONCORDIA UNIVERSITY, DEPARTMENT OF PSYCHOLOGY, MONTREAL, QC, CANADA

3:10 INTRODUCTION
Roisin M. O’Connor, Concordia University, Department of Psychology, Montreal, QC, Canada

3:15 USING THE IAT TO EXAMINE ALCOHOL COGNITIONS IN PTSD AND TRAUMA CUE EXPOSURE
Jennifer Read, State University of New York at Buffalo, Buffalo, NY, USA

3:33 SOCIAL ANXIETY RELATED SHIFTS IN IMPLICIT COGNITION FOLLOWING ALCOHOL INITIATION IN THE LAB
Roisin M. O’Connor, Concordia University, Department of Psychology, Montreal, QC, Canada

3:51 SENSITIVITY TO REWARD AND PUNISHMENT SHAPE IMPLICIT ALCOHOL ATTITUDES IN ADOLESCENCE
Craig Corder, Psychology, University of Buffalo, State University of New York, Buffalo, NY, USA

4:09 EXAMINING IMPULSIVE AND SELF-REGULATORY COGNITIVE PROCESSES AS PREDICTORS OF MATURING OUT OF ALCOHOL MISUSE AMONG YOUNG ADULTS
Matthew Keough, University of Manitoba, Psychology, Winnipeg, Manitoba, Canada

4:27 DISCUSSANT/QUESTION MODERATOR
Reinout Wiers, University of Van Amsterdam, Dept. of Psychology, Amsterdam, NH, USA

***THE NEGLECTED CATECHOLAMINE: NORADRENERGIC MECHANISMS IN REGULATION OF ALCOHOL-RELATED BEHAVIORS
ORGANIZER/CHAIR: RUEBEN GONZALES, THE UNIVERSITY OF TEXAS AT AUSTIN, AUSTIN, TX, USA
ORGANIZER: DENNIS RASMUSSEN, DEPARTMENT OF VETERANS AFFAIRS, UNIVERSITY OF WASHINGTON, SEATTLE, WA, USA

3:10 INTRODUCTION
Lorenzo Leggio, NIAAA and NIDA, CPN, Bethesda, MD, USA

3:15 CHRONIC STRESS AND ETHANOL-MEDIATED ALTERATIONS IN NOREPINEPRHINE TRANSMISSION IN MESOLIMBIC CIRCUITRY
Anushree Karkhanis, Wake Forest School of Med., Department of Physiology and Pharmacology, Winston-Salem, NC, USA

3:33 NOREPINEPHRINE RESPONSE TO ACUTE ADMINISTRATION OF ETHANOL AND AFTER ETHANOL SELF-ADMINISTRATION IN THE MEDIAL PREFRONTAL CORTEX
Ashley Vena, University of Texas at Austin, Austin, TX, USA

3:51 VARIABILITY IN ALCOHOL DRINKING RESPONSES TO SUPPRESSION OF NORADRENERGIC SIGNALING IN OUTBRED RATS
Dennis Rasmussen, Department of Veterans Affairs, University of Washington, Seattle, WA, USA

4:09 THE ALPHA-1 BLOCKADE BY DOXAZOSIN IN REGULATION OF ALCOHOL DRINKING IN ALCOHOL-DEPENDENT PATIENTS
Carolina Haass-Koffler, Brown University, Providence, RI, USA

4:27 DISCUSSANT/QUESTION MODERATOR
Raye Litten, NIAAA, Rockville, MD, USA

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***NON-CODING RNAs IN ALCOHOLIC LIVER DISEASE: FROM BIOMARKERS TO TARGETED THERAPEUTICS***

**ORGANIZERS/CHAIRS:** SUTHAT LIANGPUNSAKUL, INDIANA UNIVERSITY, INDIANAPOLIS, IN, USA AND LI WANG, UNIVERSITY OF CONNECTICUT, STORRS, CT, USA

**CHAIR:** DALE HERELD, NIAAA, NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD, USA

3:10  **INTRODUCTION**
Dale Hereld, NIAAA, National Institutes of Health, Bethesda, MD, USA

3:15  **LNCRNAS IN HEPATIC LIPID METABOLISM AND ALCOHOLIC FATTY LIVER**
Li Wang, University of Connecticut, Storrs, CT, USA

3:33  **EXOSOMAL MIrNAS BINDING TO TLR7 NEGATIVELY REGULATES ALCOHOL-INDUCED LIVER INJURY**
Ekihiro Seki, Cedars-Sinai Medical Center, Los Angeles, CA, USA

3:51  **MICRORNA CONTROL OF HMGB2 EXPRESSION MODULATES STEM CELL PLURIPOTENCY IN LIVER DISEASE**
Zhihong Yang, University of Connecticut, Storrs, CT, USA

4:09  **IDENTIFYING LNCRNAS AS POTENTIAL SERUM BIOMARKERS AND PREDICTORS OF SURVIVAL IN PATIENTS WITH ALCOHOLIC CIRRHOSIS**
Suthat Liangpunsakul, Indiana University, Indianapolis, IN, USA

4:27  **DISCUSSANT/QUESTION MODERATOR**
Li Wang, University of Connecticut, Storrs, CT, USA

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***ASSESSING AND IMPROVING QUALITY OF CARE FOR UNHEALTHY ALCOHOL USE IN GENERAL MEDICAL SETTINGS***

**ORGANIZER/CHAIR:** KIMBERLY A. HEPNER, RAND CORPORATION, SANTA MONICA, CA, USA

3:10  **INTRODUCTION**
Emily C. Williams, VA Puget Sound Health Care System, HSR&D, Seattle, WA, USA

3:15  **MODIFICATION OF THE PREDICTIVE VALIDITY OF THE AUDIT-C AFTER DOCUMENTATION OF SUBSTANCE USE DISORDERS**
Joseph E. Glass, Kaiser Permanente Washington Health Research Institute, Seattle, WA, USA

3:33  **FACTORS ASSOCIATED WITH SUSTAINED ALCOHOL SCREENING AND ASSESSMENT FOR ALCOHOL USE DISORDERS AFTER ACTIVE IMPLEMENTATION IN THREE PRIMARY CARE CLINICS**
Amy K. Lee, Kaiser Permanente Washington Health Research Institute, Seattle, WA, USA

3:51  **THE EFFECT OF RECEIPT OF RECOMMENDED CARE ON UNHEALTHY ALCOHOL USE**
Kimberly Hepner, RAND Corporation, Santa Monica, CA, USA

4:09  **RECEIPT OF EVIDENCE-BASED ALCOHOL-RELATED CARE AMONG PATIENTS WITH HEPATITIS C AND UNHEALTHY ALCOHOL USE**
Mandy D. Owens, VA Puget Sound Health Care System, Seattle, WA, USA

4:27  **DISCUSSANT/QUESTION MODERATOR**
Richard Saitz, Boston University School of Public Health, Department, of Community Health Sciences, Boston, MA, USA

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4:50pm - 6:50pm  **POSTER SESSION III**
**CAPITOL BALLROOM**

**POSTER NUMBERS:** 1-328  /  **ABSTRACT NUMBERS:** 658-985

Two 1-hour manning periods - Number 1 first hour; Number 2 second hour (light refreshments)

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RSA 2017 DAILY SCHEDULE

WEDNESDAY, JUNE 28

9:15am - 10:45am SYMPOSIUM MINERAL HALL ABC

NOVEL MECHANISMS OF INFLAMMATION IN ALCOHOLIC ORGAN INJURY
ORGANIZERS/CHAIRS: PRANOTI MANDREKAR, UNIVERSITY OF MASSACHUSETTS MEDICAL CENTER, DEPARTMENT OF MEDICINE, WORCESTER, MA, USA AND LAURA NAGY, CLEVELAND CLINIC FOUNDATION, CLEVELAND, OH, USA

9:15 INTRODUCTION
Pranoti Mandrekar, University of Massachusetts Medical Center, Department of Medicine, Worcester, MA, USA

9:20 HEPATOCYTE-DERIVED MIF: A MULTIFACETED CYTOKINE THAT CONTRIBUTES TO ALCOHOLIC LIVER DISEASE PROGRESSION
Kyle L. Poulsen, Lerner Research Institute - Cleveland Clinic, Cleveland, OH, USA

9:38 HEPATIC STELLATE CELL SELECTIVE DELETION OF NEUROPILIN-1 IS PROTECTIVE AGAINST ALCOHOLIC STEATOSIS THROUGH IGFBP3 SIGNALING IN MICE
Vijay Shah, Gastroenterology & Hepatology, Mayo Clinic, Rochester, MN, USA

9:56 ROLE AND MECHANISM OF AUTOPHAGY IN ALCOHOL-INDUCED PANCREATITIS
Wen-Xing Ding, University of Kansas Medical Center, Kansas City, KS, USA

10:14 IL-1 RECEPTOR LIKE 1 (ST2) PROTECTS AGAINST ALCOHOLIC LIVER INJURY BY LIMITING NF-kB ACTIVATION IN HEPATIC MACROPHAGES
Cynthia Ju, University of Colorado, Aurora, CO, USA

10:32 DISCUSSANT/QUESTION MODERATOR
Laura Nagy, Cleveland Clinic Foundation, Cleveland, OH, USA

9:15am - 10:45am SYMPOSIUM MINERAL HALL FG

HOW TO RETRIEVE ALCOHOL AND DRUG-RELATED MEMORIES IN AN EXPERIMENTAL OR CLINICAL SETTING, AND WHAT TO DO WITH IT?
ORGANIZER: ANNE MARIJE KAAG, UNIVERSITY OF AMSTERDAM, AMSTERDAM, THE NETHERLANDS
CHAIR: NITYA JAYARAM-LINDSTRÖM, CENTRE OF PSYCHIATRY RESEARCH, KAROLINSKA INSTITUTE, STOCKHOLM, SWEDEN

9:15 INTRODUCTION
Anne Marije Kaag, University of Amsterdam, Amsterdam, The Netherlands

9:20 TRANSLATING THE NEUROSCIENCE OF MEMORY RECONSOLIDATION INTO ADDICTIONS INTERVENTION
Michael Saladin, Dept. of Health Sciences and Research, Medical University of South Carolina, Mt. Pleasant, SC, USA

9:38 MANIPULATING MALADAPTIVE ALCOHOL MEMORIES FOLLOWING THEIR DESTABILISATION DURING RETRIEVAL IN HAZARDOUS DRINKERS
Ravi Das, Clinical Psychopharmacology Unit, University College, London, United Kingdom

9:56 BRAIN ACTIVITY PATTERNS UNDERLYING DIRECT AND INDIRECT RETRIEVALS OF ALCOHOL-RELATED MEMORIES
Dongju Seo, Yale School of Medicine, Department of Psychiatry, New Haven, CT, USA

10:14 DISRUPTING THE RECONSOLIDATION OF ALCOHOL-RELATED MEMORIES THROUGH WORKING MEMORY INTERFERENCE IN HAZARDOUS DRINKERS
Anne Marije Kaag, University of Amsterdam, Amsterdam, The Netherlands

10:32 DISCUSSANT/QUESTION MODERATOR
Nitya Jayaram-Lindström, Centre of Psychiatry Research, Karolinska Institute, Stockholm, Sweden

***Indicates a translational symposium. We strongly encouraged proposals that bridge different types of research (e.g., preclinical and clinical), to provide the opportunity for society members with different interests to interact.
**RSA 2017 DAILY SCHEDULE**

**WEDNESDAY, JUNE 28**

9:15am - 10:45am **WORKSHOP**

### SIMULATION MODELING OF ALCOHOL-RELATED BEHAVIORS, OUTCOMES, AND POLICIES

**ORGANIZER/CHAIR:** GREGORY BLOSS, DEPR, NIAAA, ROCKVILLE MD USA

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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Organizer/Chair</th>
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<tbody>
<tr>
<td>9:15</td>
<td>INTRODUCTION</td>
<td>Gregory Bloss, DEPR, NIAAA, Rockville, MD, USA</td>
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<tr>
<td>9:20</td>
<td>A MICROSIMULATION PLATFORM FOR ASSESSING THE IMPACT OF POLICY ON U.S. ALCOHOL CONSUMPTION AND ITS CONSEQUENCES</td>
<td>Gregory Midgette, Drug Policy Research Center, RAND, Santa Monica, CA, USA</td>
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<tr>
<td>9:40</td>
<td>APPLYING A BEHAVIORAL RISK MODELING FRAMEWORK TO ALCOHOL-RELATED PROBLEMS IN COMMUNITY SETTINGS</td>
<td>Christina Mair, Univ. of Pittsburgh, Public Health, Behavioral and Community Health Sciences, Pittsburgh, PA, USA</td>
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<tr>
<td>10:00</td>
<td>TOWARD A DYNAMIC ALCOHOL POLICY MODEL FOR APPRAISAL OF POPULATION-LEVEL INTERVENTIONS</td>
<td>Robin Purshouse, University of Sheffield, Sheffield, South Yorkshire, United Kingdom</td>
</tr>
<tr>
<td>10:20</td>
<td>DISCUSSANT/QUESTION MODERATOR</td>
<td>Gregory Bloss, DEPR, NIAAA, Rockville, MD, USA</td>
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**9:15am - 10:45am **SYMPOSIUM** MINERAL HALL DE**

### VIOLENCE FROM BOTH SIDES: UNDERSTANDING EXPOSURE TO AND PERPETRATION OF VIOLENCE ON ALCOHOL USE AMONG VULNERABLE POPULATIONS

**ORGANIZERS/CHAIRS:** JORDAN P. DAVIS, UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN, URBANA, IL, USA AND ERIC R. PEDERSEN, RAND CORPORATION, SANTA MONICA, CA, USA

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<tr>
<td>9:15</td>
<td>INTRODUCTION</td>
<td>Eric R. Pedersen, RAND Corporation, Santa Monica, CA, USA</td>
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<tr>
<td>9:20</td>
<td>ALCOHOL USE AMONG UNACCOMPANIED HOMELESS YOUTH: GENDER DIFFERENCES IN ITS ASSOCIATIONS WITH CHILDHOOD ABUSE, STREET VICTIMIZATION AND MENTAL HEALTH SYMPTOMS</td>
<td>Joan S. Tucker, RAND Corporation, Santa Monica, CA, USA</td>
</tr>
<tr>
<td>9:38</td>
<td>EXAMINING THE ROLE OF HEAVY DRINKING AND MENTAL HEALTH ON SEXUAL VICTIMIZATION AND PERPETRATION AMONG YOUNG ADULT MEN AND WOMEN</td>
<td>Eric R. Pedersen, RAND Corporation, Santa Monica, CA, USA</td>
</tr>
<tr>
<td>9:56</td>
<td>EFFECT OF EARLY VICTIMIZATION ON BINGE DRINKING AND IMPULSE CONTROL AMONG JUVENILE OFFENDERS FROM ADOLESCENCE THROUGH YOUNG ADULTHOOD</td>
<td>Jordan P. Davis, University of Illinois at Urbana-Champaign, Urbana, IL, USA</td>
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<tr>
<td>10:14</td>
<td>THE ROLE OF SCHOOL CONTEXT IN AGGRESSION AND SUBSTANCE USE: A PERSON-ORIENTED DEVELOPMENTAL PERSPECTIVE</td>
<td>Kevin Tan, University of Illinois, School of Social Work, Urbana, IL, USA</td>
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<tr>
<td>10:32</td>
<td>DISCUSSANT/QUESTION MODERATOR</td>
<td>Amanda Gilmore, Medical University of South Carolina, Charleston, SC, USA</td>
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EXTENDING CRAVING RESEARCH INTO THE REAL WORD: FINDINGS ACROSS DRUG AND METHOD
ORGANIZERS/CHAIRS: HAYLEY TRELOAR, BROWN UNIVERSITY, CENTER FOR ALCOHOL AND
ADDITION STUDIES, PROVIDENCE, RI, USA AND
SARAH PEDERSEN, UNIVERSITY OF PITTSBURGH, PITTSBURGH, PA, USA

9:15 INTRODUCTION
Sarah Pedersen, University of Pittsburgh, Pittsburgh, PA, USA

9:20 DIFFERENCES IN REAL-WORLD STRESS AND ALCOHOL CRAVING FOR BLACK AND WHITE DRINKERS
Sarah Pedersen, University of Pittsburgh, Pittsburgh, PA, USA

9:38 ALCOHOL CRAVING AS A FUNCTION OF ALCOHOL SENSITIVITY IN NATURALISTIC SCENARIOS
Constantine Trela, University of Missouri, Department of Psychological Sciences, Columbia, MO, USA

9:56 RISK-TAKING PROPENSITY AND ALCOHOL CRAVING IN REAL TIME IN YOUTHS' DAILY LIVES
Tim Janssen, Brown University, Center for Alcohol and Addiction Studies, Providence, RI, USA

10:14 BIOBEHAVIORAL INDICES OF CUE-ELICITED CRAVING AMONG ADOLESCENT FREQUENT CANNABIS USERS: FROM THE
HUMAN LABORATORY TO THE REAL WORLD
Hayley Treloar, Brown University, Center for Alcohol and Addiction Studies, Providence, RI, USA

10:32 DISCUSSANT/QUESTION MODERATOR
Robert Miranda, Jr., Brown University, Center on Alcohol and Addiction Studies, Providence, RI, USA

***SHOULD I STAY OR SHOULD I GO: ETHANOL EFFECTS ON STRIATAL DIRECT AND INDIRECT PATHWAYS
ORGANIZERS/CHAIRS: KARINA ABRAHAO, NIAAA, ROCKVILLE, MD, USA AND
ARMANDO SALINAS, GEORGE MASON UNIVERSITY AND NIAAA, ROCKVILLE, MD, USA

9:15 INTRODUCTION
Armando Salinas, George Mason University and NIAAA, Rockville, MD, USA

9:20 ALCOHOL TRIGGERS INPUT- AND CELL TYPE-SPECIFIC ABERRANT PLASTICITY IN THE DORSOMEDIAL STRIATUM
Jiayi Lu, Neuroscience & Experimental Therapeutics, Texas A&M Health Science Center, Bryan, TX, USA

9:38 WHERE DID I LEAVE MY DRINK? THE VENTRAL HIPPOCAMPAL - ACCUMBAL PATHWAY IN CIE-INDUCED METAPLASTICITY
Richard Morrisett, University of Texas, College of Pharmacy, Austin, TX, USA

9:56 DISSOCIATION BETWEEN ETHANOL EFFECTS ON THE STRIATAL PROJECTIONS TO THE SUBSTANTIA NIGRA AND THE
GLOBUS PALLIDUS
Karina Abrahao, NIAAA, Rockville, MD, USA

10:14 ALCOHOL ACUTE EFFECTS ON CORTICAL AND SUBCORTICAL REGIONS MEDIATING INHIBITORY CONTROL AND SALIENCE
ATTRIBUTION TO ALCOHOL-RELATED STIMULI
Theodora Duka, University of Sussex, Brighton, E Sussex, United Kingdom

10:32 DISCUSSANT/QUESTION MODERATOR
David Lovinger, NIAAA, Rockville, MD, USA

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WEDNESDAY, JUNE 28

RSA 2017 DAILY SCHEDULE

9:15am - 10:45am

**SYMPOSIUM**

***IT SEEMED LIKE A GOOD IDEA AT THE TIME: INTERVENTIONS THAT FAILED AND WHAT THEY TEACH US

ORGANIZERS/CHAIRS: JENNIFER P. READ, STATE UNIVERSITY OF NEW YORK AT BUFFALO, BUFFALO, NY, USA
AND JENNIFER LIVINGSTON, RESEARCH INSTITUTE ON ADDICTIONS, BUFFALO, NY, USA

9:15

INTRODUCTION

Jennifer P. Read, State University of New York at Buffalo, Buffalo, NY, USA

9:20

FAILURE TO LOWER RISK OF SEXUAL ASSAULT AFTER A SUCCESSFUL BRIEF ALCOHOL INTERVENTION

Angelo DiBello, Brown University, Providence, RI, USA

9:38

THE PERFECT PHYSICAL ACTIVITY PROGRAM- TO NOT REDUCE ADOLESCENT RISK

Sarah Feldstein Ewing, OHSU Child & Adolescent Psychiatry, Portland, OR, USA

9:56

THERE’S AN APP FOR THAT...BUT NOBODY USES IT

Jessica Blayney, Dept. of Psychology, University at Buffalo, SUNY, Buffalo, NY, USA

10:14

STUBBED TOES AND BROKEN INTERVENTIONS: RECRUITING FRIENDS TO SERVE AS INTERVENTION AGENTS DURING HIGH-RISK DRINKING EVENTS

Clayton Neighbors, University of Houston, Department of Psychology, Houston, TX, USA

10:32

DISCUSSANT/QUESTION MODERATOR

Maria Testa, University at Buffalo, Research Institute on Addictions, Buffalo, NY, USA

11:00am - 12:30pm

**SPECIAL SESSION**

Special Session: VOICES OF RECOVERY

Four to five individuals will share their journeys of alcohol and drug problems, treatment, and recovery.

Moderators: Alyssa Brooks & Carlton Erickson

11:00am - 12:30pm

RSA 2018 PROGRAM COMMITTEE MEETING - closed

GRANITE ABC

11:00am - 12:30pm

RSA EDUCATION COMMITTEE MEETING - closed

AGATE C

12:45pm - 2:15pm

**SYMPOSIUM**

INTERACTIONS BETWEEN THE NEUROIMMUNE SYSTEM AND AUDS: A YIN-YANG RELATIONSHIP

ORGANIZERS/CHAIRS: S. ALEX MARSHALL, HIGH POINT UNIVERSITY, SCHOOL OF PHARMACY, HIGH POINT, NC, USA AND CYNTHIA KANE, UNIVERSITY OF ARKANSAS FOR MED. SCIENCES, DEPARTMENT OF NEUROBIOLOGY & DEVELOPMENTAL SCIENCES, LITTLE ROCK, AR, USA

12:45

INTRODUCTION

Cynthia Kane, Univ. of Arkansas for Med. Sciences, Dept. of Neurobiology & Developmental Sciences, Little Rock, AR, USA

12:50

THE EFFECT OF BINGE-LIKE DRINKING ON THE NEUROIMMUNE SYSTEM: CYTOKINES AS MODULATORS OF ETHANOL CONSUMPTION

S. Alex Marshall, High Point University, School of Pharmacy, High Point, NC, USA

1:08

NEUROIMMUNE RESPONSES FOLLOWING CHRONIC ETHANOL EXPOSURE: BRAIN REGION DIFFERENCES IN IL-1 SYSTEM AND ITS MODULATION OF SYNAPTIC TRANSMISSION

Michal Bajo, The Scripps Research Institute, CNAD, La Jolla, CA, USA

1:26

INCREASED EXPRESSION OF M1 AND M2 PHENOTYPIC MARKERS IN ISOLATED MICROGLIA AFTER FOUR-DAY BINGE ALCOHOL EXPOSURE IN ADOLESCENT RATS

Hui Peng, Pharmaceutical Sciences, University of Kentucky, Lexington, KY, USA

1:44

NEUROIMMUNE RESPONSES IN ALCOHOL DEPENDENCE AND STRESS MODELS DEPEND ON AGE, BRAIN REGION, AND TREATMENT: IMPLICATIONS FOR CLINICAL INTERVENTIONS

Darin Knapp, University of North Carolina School of Medicine, Bowles Center for Alcohol Studies, Chapel Hill, NC, USA

2:02

DISCUSSANT/QUESTION MODERATOR

Kimberly Nixon, University of Kentucky, Pharmaceutical Sciences, Lexington, KY, USA

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RSA 2017 DAILY SCHEDULE

WEDNESDAY, JUNE 28

12:45pm - 2:15pm

SYMPOSIUM

CENTENNIAL BC

STRESS PATHWAYS IN ALCOHOL USE DISORDERS: A MULTIFACETED AFFAIR

ORGANIZERS/CHAIRS: ANDRAS OROSZ, DMHE, NIAAA, NATIONAL INSTITUTES OF HEALTH, BETHESDA, MD, USA AND KAZUE HASHIMOTO-TORII, CHILDREN’S NATIONAL MEDICAL CENTER, WASHINGTON, DC, USA

12:45
INTRODUCTION
Kazue Hashimoto-Torii, Children’s National Medical Center, Washington, DC, USA

12:50
CHROMATIN REMODELING REGULATES TRANSCRIPTION AT THE MIR-9-2 GENE LOCUS IN FETAL NEURAL STEM CELLS FOLLOWING ALCOHOL EXPOSURE
Rajesh C. Miranda, Texas A&M HSC/College of Med., Dept. Neuroscience & Experimental Therapeutics, Bryan, TX, USA

1:08
ACTIVATION OF THE HEAT-SHOCK PATHWAY MEDIATES DNA METHYLOME DYSREGULATION IN THE DEVELOPING BRAIN UPON PRENATAL ALCOHOL EXPOSURE (PAE)
Valerie Mezger, UMR7216 Epigenetics and Cell Fate, CNRS University Paris Diderot, Paris, France

1:26
TFEB-MEDIATED LYSOSOMAL BIOGENESIS AND AUTOPHAGY IN ALCOHOL-INDUCED LIVER INJURY
Hong-Min Ni, Department of Pharmacology, Toxicology and Therapeutics, Univ. of Kansas Med. Ctr., Kansas City, KS, USA

1:44
TARGETING PROTEOSTASIS CHAPERONE MACHINERY IN ALCOHOLIC LIVER DISEASE: A NOVEL THERAPEUTIC APPROACH TO INHIBIT NLRP3 INFLAMMASOME ACTIVATION AND PRO-INFLAMMATORY CYTOKINES
Pranoti Mandrekar, University of Massachusetts Medical Center, Department of Medicine, Worcester, MA, USA

2:02
DISCUSSANT/QUESTION MODERATOR
Andras Orosz, DMHE, NIAAA, National Institutes of Health, Bethesda, MD, USA

12:45pm - 2:15pm

SYMPOSIUM

CENTENNIAL FGH

WOMEN, GIRLS AND ALCOHOL: CURRENT RESEARCH ON SCREENING AND BRIEF INTERVENTION

ORGANIZER/CHAIR: DEIDRA ROACH, NIAAA, NATIONAL INSTITUTES OF HEALTH, ROCKVILLE, MD, USA
CHAIR: CONSTANCE WEISNER, UNIVERSITY OF CALIFORNIA, SAN FRANCISCO AND KAISER PERMANENTE DIV. OF RESEARCH, OAKLAND, CA, USA

12:45
INTRODUCTION
Deidra Roach, NIAAA, National Institutes of Health, Rockville, MD, USA

1:08
IMPLEMENTATION AND PATIENT OUTCOMES FROM A CLUSTER RANDOMIZED TRIAL OF SCREENING, BRIEF INTERVENTION AND REFERRAL TO TREATMENT (SBIRT) FOR ADOLESCENTS IN A HEALTH SYSTEM: IMPLICATIONS FOR ADOLESCENT GIRLS
Constance Weisner, University of California, San Francisco and Kaiser Permanente Div. of Research, Oakland, CA, USA

1:26
GENDER DIFFERENCES IN ALCOHOL SCREENING, BRIEF INTERVENTION AND REFERRAL TO TREATMENT: FINDINGS FROM AN IMPLEMENTATION STUDY IN A PRIMARY CARE SETTING
Constance Weisner, University of California, San Francisco and Kaiser Permanente Div. of Research, Oakland, CA, USA

1:44
A TWO SESSION BI REDUCES DRINKING FREQUENCY IN WOMEN LIVING WITH HIV
Geetanjali Chander, Johns Hopkins University School of Medicine, Baltimore, MD, USA

2:02
DISCUSSANT/QUESTION MODERATOR
Grace Chang, Harvard Medical School, Boston VA Healthcare System, Brockton, MA, USA

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**RSA 2017 DAILY SCHEDULE**

**WEDNESDAY, JUNE 28**

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<tr>
<td>12:45</td>
<td><strong>INTRODUCTION</strong>&lt;br&gt;Lindsay M. Squeglia, Medical Univ. of South Carolina, Dept. of Psychiatry and Behavioral Sciences, Charleston, SC, USA</td>
<td>CENTENNIAL D</td>
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<tr>
<td>12:50</td>
<td><strong>EXPLORING THE USE OF SMARTPHONE-BASED SENSORS TO DETECT DRINKING EPISODES IN YOUNG ADULTS AS A STEP TOWARD JUST-IN-TIME INTERVENTION</strong>&lt;br&gt;Brian Suffoletto, University of Pittsburgh, Pittsburgh, PA, USA</td>
<td>CENTENNIAL D</td>
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<tr>
<td>1:08</td>
<td><strong>EXAMINING COGNITIVE BIAS MODIFICATION AS A POTENTIAL TREATMENT FOR MARIJUANA USING YOUTH</strong>&lt;br&gt;Lindsay M. Squeglia, Medical Univ. of South Carolina, Dept. of Psychiatry and Behavioral Sciences, Charleston, SC, USA</td>
<td>CENTENNIAL D</td>
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<tr>
<td>1:26</td>
<td><strong>PHARMACOTHERAPY DEVELOPMENT FOR ADOLESCENTS WITH CANNABIS AND ALCOHOL USE DISORDERS</strong>&lt;br&gt;Erin A. McClure, Medical University of South Carolina, Dept. of Psychiatry and Behavioral Sciences, Charleston, SC, USA</td>
<td>CENTENNIAL D</td>
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<tr>
<td>1:44</td>
<td><strong>MODERATING EFFECTS OF SOCIOECONOMIC STATUS, VICTIMIZATION AND PSYCHIATRIC DISORDERS ON PERSONALITY-TARGETED INTERVENTIONS FOR ADOLESCENT ALCOHOL ABUSE</strong>&lt;br&gt;Hanie Edalati, University of Montreal, CHU Sainte-Justine Research Center, Dept. of Psychiatry, Montreal, QC, Canada</td>
<td>CENTENNIAL D</td>
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<td>2:02</td>
<td><strong>DISCUSSANT/QUESTION MODERATOR</strong>&lt;br&gt;Jason Kilmer, University of Washington, Seattle, WA, USA</td>
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<tr>
<td>3:30pm - 4:30pm</td>
<td><strong>COGA STEERING COMMITTEE - Closed</strong></td>
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<td>7:00pm - Midnight</td>
<td><strong>2017 RSA CLOSING CEREMONY AND AWARDS PRESENTATIONS</strong>&lt;br&gt;Dinner/Presentations: 7:00pm followed by Dancing - TICKET REQUIRED</td>
<td>CENTENNIAL BALLROOM</td>
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<td><strong>RSA Early Career Investigator Award - DR. RYAN SHOREY</strong></td>
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<td><strong>RSA Distinguished Researcher Award - DR. DIPAK SARKAR</strong></td>
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<td><strong>RSA Henri Begleiter Excellence in Research Award - DR. RAYMOND ANTON</strong></td>
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<td><strong>RSA Lifetime Achievement Award - DR. SAMUEL FRENCH</strong></td>
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<td><strong>RSA Marlatt Mentorship Award - DR. R. ADRON HARRIS</strong></td>
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<td><strong>RSA Media Award - MS. ALEXANDRA FLEMING</strong></td>
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<td><strong>RSA Seixas Award - to be announced</strong></td>
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<td><strong>Enoch Gordis Awardees - to be announced</strong></td>
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<td><strong>Announcement of new RSA Officers</strong></td>
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**RSA MEETING ADJOURNED**

RSA: “Funding for this conference was made possible (in part) by 2R13AA18227-09 from the National Institute on Alcohol Abuse and Alcoholism. The views expressed in written conference materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services; nor does mention by trade names, commercial practices, or organizations imply endorsement by the U.S. Government.”

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