

SUNDAY, JUNE 26

7:30AM - 5:15PM	RSA REGISTRATION DESK - Open	COUNTERS 2-3
8:00AM - 8:05AM	OFFICIAL OPENING Dr. Michael Miles - RSA President's Remarks	REGENCY R-5
8:05AM - 8:50AM	NIAAA UPDATE Dr. George Koob - NIAAA Director	REGENCY R-5
8:50AM - 9:35AM	PLENARY SESSION I - DR. TING-KAI LI LECTURESHIP	REGENCY R-5

**INTEGRATING THE SOCIAL DETERMINANTS OF HEALTH INTO TRANSDISCIPLINARY RESEARCH:
TRANSFORMATIVE APPROACHES TO USHER IN A NEW FUTURE FOR EQUITY-CENTERED ALCOHOL RESEARCH AND POLICY**
Dr. Debra Furr-Holden, Ph.D., Associate Dean for Public Health Integration and C.S. Mott Endowed Professor
of Public Health, Michigan State University College of Human Medicine, Flint, MI and
Director of the Flint Center for Health Equity Solutions

The disconnect along the translational research continuum hinders the acquisition and utilization of knowledge that will advance our nation towards health equity. The lack of integration of the social and structural drivers of disease development in the biomedical sciences, as well as an underemphasis of the role of basic and brain science in community health promotion results in therapeutics and other interventions that are often tone deaf to the lived experiences of potential human beneficiaries and therefore difficult to scale up. This plenary will (1) provide salient examples and innovative ways of thinking about how to spark new lines of research from the bench to the bedside to the community to increase knowledge, dissemination and application of health equity-centered research across the continuum of translational research; and (2) provide a clear pathway for how to integrate the social determinants of health into our quest for new evidence-based and equity-oriented advancements in alcohol research and policy.

Dr. Debra Furr-Holden is an epidemiologist and nationally recognized leader in health equity and health disparities research. Dr. Furr-Holden's community-based, action-oriented research has driven multiple policy interventions to address some of the nation's greatest public health challenges, especially among racial and ethnic minorities and in racially- and economically-segregated communities. Dr. Furr-Holden's research focusses on the social and political determinants of health and policy interventions to promote health equity. Among her many awards, she was the recipient of the 2006 Presidential Early Career Award for Scientists and Engineers (Office of the White House) and the 2021 Service Award from the Society for Prevention Research.

9:35AM - 10:00AM	COFFEE BREAK and MENTORSHIP MEET UP in hallway outside Blue Spring and Rainbow Spring rooms	REGENCY ROTUNDA
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10:00AM - 11:30AM	SYMPOSIUM	REGENCY O
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UNRAVELING THE ROLE OF THE INSULAR CORTEX IN ALCOHOL USE (INT)
ORGANIZER: MELANIE PINA
CHAIRS: MELANIE PINA and DENNIS SPARTA

10:00AM-10:05AM	INTRODUCTION Frederic (Woody) Hopf, Indiana University, Indianapolis IN USA
10:05AM-10:23AM	DELINEATING THE ROLE OF INSULA DYNORPHIN AND KAPPA OPIOID RECEPTOR SIGNALING IN ALCOHOL DRINKING Melanie Pina, University of Maryland, Baltimore, Baltimore MD USA
10:23AM-10:41AM	ANTERIOR INSULAR CORTEX FIRING ACTIVITY LINKS INITIAL AND SUSTAINED ENCODING DURING AVERSION-RESISTANT ALCOHOL CONSUMPTION Frederic (Woody) Hopf, Indiana University, Indianapolis IN USA
10:41AM-10:59AM	BINGE ETHANOL DRINKING ASSOCIATED WITH SEX-DEPENDENT PLASTICITY OF NEURONS IN THE INSULA THAT PROJECT TO THE BED NUCLEUS OF THE STRIA TERMINALIS Dennis Sparta, University of Maryland School of Medicine, Baltimore MD USA
10:59AM-11:17AM	DOPAMINE AND THE ANTERIOR INSULA IN ALCOHOL ATTENTIONAL BIAS IN HUMANS Amanda Elton, UNC Chapel Hill, Chapel Hill NC USA
11:17AM-11:30AM	DISCUSSANT / QUESTION MODERATOR Samuel Centanni, Wake Forest Baptist Health, Winston-Salem NC USA

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SUNDAY, JUNE 26

10:00AM - 11:30AM

SYMPOSIUM

REGENCY P

POLYGENIC RISK SCORES ANALYSIS OF ALCOHOL USE DISORDER: RISK EVALUATIONS AND BEYOND (DIT)
ORGANIZERS / CHAIRS: DONGBING LAI and ABBAS PARSIAN

- 10:00AM-10:05AM INTRODUCTION
Abbas Parsian, NIAAA/NIH, Bethesda MD USA
- 10:05AM-10:23AM NOVEL POLYGENIC RISK SCORES FRAMEWORKS TO EVALUATE THE RISK FOR ALCOHOL USE DISORDER IN EUROPEAN AND AFRICAN ANCESTRY POPULATIONS
Dongbing Lai, Indiana University School of Medicine, Indianapolis IN USA
- 10:23AM-10:41AM THE NATURE OF NURTURE: ENVIRONMENTAL MECHANISMS TRANSMIT GENETIC RISK FOR AUD ACROSS GENERATIONS IN EUROPEAN AND AFRICAN ANCESTRY FAMILIES
Jessica Salvatore, Rutgers Robert Wood Johnson Medical School, Piscataway NJ USA
- 10:41AM-10:59AM PERFORMANCE OF AN ALCOHOL USE DISORDER POLYGENIC RISK SCORE IN ELECTRONIC HEALTH RECORD- AND DEEPLY PHENOTYPED DATASETS
Emily Hartwell, Philadelphia VA Medical Center & University of Pennsylvania, Philadelphia PA USA
- 10:59AM-11:17AM POLYGENIC RISK SCORES ANALYSIS OF ALCOHOL USE DISORDER: RISK EVALUATIONS AND BEYOND
Ronald Hart, Rutgers University, Piscataway NJ USA
- 11:17AM-11:30AM DISCUSSANT / QUESTION MODERATOR
Laura Almasy, University of Pennsylvania, Philadelphia PA USA

10:00AM - 11:30AM

SYMPOSIUM

REGENCY Q

AGE AND SEX EFFECTS ON ALCOHOL USE DISORDER AND PAIN INTERACTIONS
ORGANIZERS / CHAIRS: ANUSHREE N. KARKHANIS and NICHOLAS GILPIN

- 10:00AM-10:05AM INTRODUCTION
Nicholas Gilpin, LSU Health Sciences Center, New Orleans LA USA
- 10:05AM-10:23AM PRENATAL ALCOHOL EXPOSURE ENHANCES TLR4 AND NLRP3 ACTIONS FOLLOWING MORPHINE TREATMENT THAT PARADOXICALLY PROLONGS NERVE INJURY-INDUCED PAIN
Shahani Noor, University of New Mexico, Albuquerque NM USA
- 10:23AM-10:41AM ADOLESCENT ALCOHOL EXPOSURE PRODUCES LASTING HYPERALGESIA AND CEA-vIPAG CIRCUIT CHANGES IN MALE BUT NOT FEMALE RATS
Maria Secci, LSU Health Sciences Center, New Orleans LA USA
- 10:41AM-10:59AM SEX DIFFERENCES IN PAIN SENSITIVITY AND ACCUMBAL MONOAMINE EXCITABILITY FOLLOWING ADOLESCENT CHRONIC INTERMITTENT ETHANOL EXPOSURE
Anushree Karkhanis, Binghamton University - SUNY, Binghamton NY USA
- 10:59AM-11:17AM POSTOPERATIVE ACUTE PAIN INCREASES ALCOHOL CONSUMPTION IN MICE
M. Imad Damaj, Virginia Commonwealth University, Richmond VA USA
- 11:17AM-11:30AM DISCUSSANT / QUESTION MODERATOR
George Koob, NIH/NIAAA, Bethesda MD USA

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SUNDAY, JUNE 26

10:00AM - 11:30AM

SYMPOSIUM

REGENCY R

**DECONSTRUCTING IMPULSIVITY TO BETTER UNDERSTAND THE RISK FACTORS ASSOCIATED WITH HEAVY DRINKING
ORGANIZERS / CHAIRS: SÉVERINE LANNOY and JOSHUA L. GOWIN**

- 10:00AM-10:05AM INTRODUCTION
Joshua Gowin, University of Colorado Anschutz Medical Campus, Aurora CO USA
- 10:05AM-10:23AM IMPULSE CONTROL AND EMOTION REGULATION IN ALCOHOL AND SUBSTANCE USE DISORDERS: A META-ANALYSIS
Joshua Gowin, University of Colorado Anschutz Medical Campus, Aurora CO USA
- 10:23AM-10:41AM SEX DIFFERENCES IN NEURAL INHIBITORY CONTROL AMONG HEAVY DRINKERS
Jessica Weafer, University of Kentucky, Lexington KY USA
- 10:41AM-10:59AM GENETIC RELATIONSHIP BETWEEN IMPULSIVITY AND HEAVY DRINKING
Abraham Palmer, University of California San Diego, La Jolla CA USA
- 10:59AM-11:17AM HEAVY DRINKING IN YOUNG ADULTS: THE ROLES OF AGGREGATE GENETIC LIABILITY AND IMPULSIVITY-RELATED PROCESSES
Severine Lannoy, Virginia Commonwealth University, Richmond VA USA
- 11:17AM-11:30AM DISCUSSANT / QUESTION MODERATOR
Vijay Ramchandani, NIAAA, Bethesda MD USA

10:00AM - 11:30AM

SYMPOSIUM

REGENCY T

**IMPACT OF ALCOHOL AND DRUG MISUSE ON EPIGENETIC AGING IN RELATION TO HEALTH OUTCOMES (INT)
ORGANIZER: KE XU
CHAIRS: KE XU and SUBHASH PANDEY**

- 10:00AM-10:05AM INTRODUCTION
Ke Xu, Yale University, West Haven CT USA
- 10:05AM-10:23AM ALCOHOL USE DISORDER IS ASSOCIATED WITH DNA METHYLATION-BASED SHORTENING OF TELOMERE LENGTH AND REGULATED BY TESPA1: IMPLICATIONS FOR AGING
Falk Lohoff, NIH, Bethesda MD USA
- 10:23AM-10:41AM A NEW MONOCYTE EPIGENETIC CLOCK REVEALS EFFECTS OF ALCOHOL CONSUMPTION ON BIOLOGICAL AGING IN THREE INDEPENDENT COHORTS (N=2,242)
Xiaoyu Liang, University of Tennessee Health Science Center, Memphis TN USA
- 10:41AM-10:59AM AN EXAMINATION OF DIFFERENTIAL METHYLATION AND GENE EXPRESSION IN DORSOLATERAL PREFRONTAL CORTEX FOLLOWING OPIOID OVERDOSE
Brion Maher, Johns Hopkins Bloomberg School of Public Health, Baltimore MD USA
- 10:59AM-11:17AM EFFECTS OF ALCOHOL AND SMOKING ON EPIGENETIC AGE IN RELATE TO FRAILTY AND MORTALITY
Ke Xu, Yale University, West Haven CT USA
- 11:17AM-11:30AM DISCUSSANT / QUESTION MODERATOR
Subhash Pandey, University of Illinois & JBVA Medical Center, Chicago IL USA

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SUNDAY, JUNE 26

10:00AM - 11:30AM

SYMPOSIUM

REGENCY U

**THE CROSSROADS OF DRINKING BEHAVIOUR AND ALCOHOL-ASSOCIATED ORGAN PATHOLOGY:
NOVEL MECHANISMS AND DUAL THERAPEUTIC STRATEGIES (INT)**

ORGANIZERS: IRINA KIRPICH and SWATI JOSHI-BARVE (Univ. of Louisville, Louisville KY USA)

CHAIR: CRAIG MCCLAIN (Univ. of Louisville, Louisville KY USA)

- 10:00AM-10:05AM INTRODUCTION
Irina Kirpich, University of Louisville, Louisville KY USA
- 10:05AM-10:23AM DUAL INHIBITION OF PERIPHERAL CANNABINOID CB1 RECEPTOR AND INOS REDUCES ALCOHOL DRINKING AND RELATED ENDOTOXEMIA IN MICE
Grzegorz Godlewski, National Institutes of Health, Rockville MD USA
- 10:23AM-10:41AM LOWERING DIETARY N-6 PUFA ATTENUATED ALCOHOL-ASSOCIATED ALTERATIONS IN THE GUT-LIVER AXIS AND REDUCED ALCOHOL CONSUMPTION IN MOUSE
Chuck Chen, University of Toronto, Toronto ON Canada
- 10:41AM-10:59AM THE BENEFICIAL EFFECTS OF LACTOBACILLUS GG THERAPY ON THE GUT-LIVER AXIS AND DRINKING BEHAVIOR IN MICE AND PATIENTS WITH ALD
Vatsalya Vatsalya, University of Louisville, Louisville, KY USA
- 10:59AM-11:17AM FECAL MICROBIOTA TRANSPLANTATION: BENEFICIAL EFFECTS ON ORGAN INJURY AND ALCOHOL CRAVING IN ALCOHOL-DEPENDENT PATIENTS
Jennifer Wolstenholme, Virginia Commonwealth University, Richmond VA USA
- 11:17AM-11:30AM DISCUSSANT / QUESTION MODERATOR
H. Joe Wang, NIH/NIAAA, Bethesda MD USA

11:40AM - 1:10PM

RSA SPONSORED STUDENT LUNCH - TICKET REQUIRED

CELEBRATION 5-6

Organized by the RSA Education Committee

11:40AM - 1:10PM

RSA NATIONAL ADVOCACY AND PUBLIC EDUCATION COMMITTEE WORKSHOP - Open

REGENCY O

11:40AM - 1:10PM

SOCIAL WORKERS LUNCHEON - Closed

CELEBRATION 14-15

Organized by the Social Work Planning Committee

1:20PM - 2:50PM

SYMPOSIUM

REGENCY O

NOVEL PATHOGENESES AND THERAPEUTIC TARGETS FOR ALCOHOL-ASSOCIATED LIVER DISEASE (INT)

ORGANIZERS: BIN GAO and M. KATHERINE JUNG (NIAAA/NIH, Bethesda MD USA)

CHAIRS: BIN GAO and BRYAN MACKOWIAK

- 1:20PM-1:25PM INTRODUCTION
Bin Gao, NIAAA/NIH, Bethesda MD USA
- 1:25PM-1:43PM LIVER ADAPTATION TO BINGE ETHANOL: ROLE OF CYP2B10 AND FGF21
Bryan Mackowiak, NIH, Rockville MD USA
- 1:43PM-2:01PM SINGLE-CELL MULTIOMICS REVEAL HEPATOCYTE TRANSCRIPTOME AND REGULATORY NETWORK ZONATION UNDERLYING ALCOHOL-INDUCED LIVER STEATOSIS
Tejasav Sehrawat, Mayo Clinic, Rochester MN USA
- 2:01PM-2:19PM LIPID METABOLIC TARGETS AS POTENTIAL THERAPEUTICS IN ALCOHOLIC LIVER DISEASE
Rotonya Carr, University of Washington, Seattle WA USA
- 2:19PM-2:37PM BIOACTIVE METABOLITES OF N3 AND N6 PUFAS: NOVEL THERAPEUTIC TARGETS AND POTENTIAL TREATMENT STRATEGIES IN ALCOHOL-ASSOCIATED LIVER DISEASE
Irina Kirpich, University of Louisville, Louisville KY USA
- 2:37PM-2:50PM DISCUSSANT / QUESTION MODERATOR
Suthat Liangpunsakul, Indiana University, Indianapolis IN USA

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SUNDAY, JUNE 26

1:20PM - 2:50PM

SYMPOSIUM

REGENCY P

**THE ROLE OF ALTERED REWARD AND STRESS PROCESSING IN RISK FOR AND MAINTENANCE OF ALCOHOL USE DISORDER
ORGANIZERS / CHAIRS: STEPHANIE WEMM and CATHRYN GLANTON HOLZHAUER**

- 1:20PM-1:25PM INTRODUCTION
Stephanie Wemm, Yale School of Medicine, New Haven CT USA
- 1:25PM-1:43PM SEX DIFFERENCES IN EMOTION- AND REWARD-RELATED NEURAL PREDICTORS OF ADOLESCENT ALCOHOL USE TRAJECTORIES
Tara Chaplin, George Mason University, Fairfax VA USA
- 1:43PM-2:01PM HEAVIER, FREQUENT USE OF ALCOHOL IS ASSOCIATED WITH STRESS SENSITIZATION OF MOTIVATIONAL PATHWAYS: A PROSPECTIVE IN-FIELD DAILY DIARY STUDY
Stephanie Wemm, Yale School of Medicine, New Haven CT USA
- 2:01PM-2:19PM UNDERSTANDING AFFECTIVE REWARDS FROM ALCOHOL IN CONTEXT: THE CASE OF VIRTUAL SOCIAL INTERACTIONS
Talia Ariss, University of Illinois at Urbana-Champaign, Champaign IL USA
- 2:19PM-2:37PM GENDER DIFFERENCES IN THE EFFECT OF STRESS AND COGNITIVE REAPPRAISAL ON INHIBITORY CONTROL AMONG MEN AND WOMEN VETERANS WITH AUD
Cathryn Glanton Holzhauser, U Massachusetts Med Sch & VA Central Western Massachusetts, Leeds MA USA
- 2:37PM-2:50PM DISCUSSANT / QUESTION MODERATOR
Rajita Sinha, Yale University School of Medicine, New Haven CT USA

1:20PM - 2:50PM

SYMPOSIUM

REGENCY Q

**LEVERAGING MOBILE TECHNOLOGY IN ALCOHOL INTERVENTION AND TREATMENT TO INCREASE ACCESSIBILITY
ORGANIZER / CHAIR: JENNI B. TEETERS**

- 1:20PM-1:25PM INTRODUCTION
Jenni Teeters, Western Kentucky University, Bowling Green KY USA
- 1:25PM-1:43PM ACCEPTABILITY AND USABILITY OF TECHNOLOGY TO FACILITATE MODERATE DRINKING IN YOUNG ADULTS AS PREDICTORS OF TECHNOLOGY USE AND REDUCED DRINKING
Robert Leeman, University of Florida, Gainesville FL USA
- 1:43PM-2:01PM DEVELOPING A USER-CENTERED SMARTPHONE APPLICATION TO INCREASE SUBSTANCE-FREE ACTIVITY ENGAGEMENT AMONG ALCOHOL TREATMENT SEEKERS: A QUALITATIVE STUDY
Lidia Meshesha, University of Central Florida, Orlando FL USA
- 2:01PM-2:19PM A MOBILE PHONE-BASED BRIEF INTERVENTION REDUCES DRIVING AFTER SUBSTANCE USE IN A RANDOMIZED PILOT TRIAL
Jenni Teeters, Western Kentucky University, Bowling Green KY USA
- 2:19PM-2:37PM PRELIMINARY EFFICACY OF A RANDOMIZED PILOT TRIAL EVALUATING A COUNSELOR-GUIDED TEXT MESSAGE BRIEF INTERVENTION FOR HAZARDOUS ALCOHOL USE IN YOUNG ADULT
Kathryn Gex, Medical University of South Carolina, Charleston SC USA
- 2:37PM-2:50PM DISCUSSANT / QUESTION MODERATOR
Dana Litt, University of North Texas Health Science Center, Fort Worth TX USA

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SUNDAY, JUNE 26

1:20PM - 2:50PM

SYMPOSIUM

REGENCY R

**ALCOHOL, OPIOIDS, CANNABIS, AND PAIN: EXAMINATION OF ASSOCIATIONS ACROSS METHODS
ORGANIZERS / CHAIRS: KENNETH LEONARD and KATIE WITKIEWITZ**

- 1:20PM-1:25PM INTRODUCTION
Kenneth Leonard, University at Buffalo, SUNY Buffalo NY USA
- 1:25PM-1:43PM ASSOCIATIONS BETWEEN PAIN AND ALCOHOL CONSEQUENCES AMONG EMERGING ADULTS: EXAMINING THE RELATIVE CONTRIBUTION OF PAIN-RELATED ANXIETY
Emily Zale, Binghamton University, Binghamton NY USA
- 1:43PM-2:01PM USE AND CO-USE OF ALCOHOL AND CANNABIS FOLLOWING PHYSICAL PAIN IN THE DAILY LIFE OF COMMUNITY ADULTS
Ryan Carpenter, University of Missouri, St. Louis, St. Louis MO USA
- 2:01PM-2:19PM EFFECT OF EXPERIMENTALLY-INDUCED MUSCULOSKELETAL PAIN ON ALCOHOL AND CANNABIS DEMAND AMONG CO-USERS
Erin Ferguson, University of Florida, Gainesville FL USA
- 2:19PM-2:37PM PAIN AND OPIOID PRESCRIPTIONS AS PREDICTORS OF OPIOID USE DISORDER AMONG INDIVIDUALS IN ALCOHOL TREATMENT
Kenneth Leonard, University at Buffalo, SUNY, Buffalo NY USA
- 2:37PM-2:50PM DISCUSSANT / QUESTION MODERATOR
Katie Witkiewitz, University of New Mexico, Albuquerque NM USA

1:20PM - 2:50PM

SYMPOSIUM

REGENCY S

**SYSTEMS GENETICS AND MULTI-SPECIES INTEGRATIVE FUNCTIONAL GENOMICS AID
INTERPRETATION OF HUMAN GWAS DATA (INT)
ORGANIZER: JASON BUBIER
CHAIRS: ELISSA CHESLER and JASON BUBIER**

- 1:20PM-1:25PM INTRODUCTION
Jason Bubier, The Jackson Laboratory, Bar Harbor ME USA
- 1:25PM-1:43PM UNDERSTANDING AND CHARACTERIZING ALCOHOL RELATED VARIATION THROUGH CROSS-SPECIES GENETIC AND GENOMIC DATA INTEGRATION
Elissa Chesler, The Jackson Laboratory, Bar Harbor ME USA
- 1:43PM-2:01PM GENERAL ADDICTION PATHWAYS ROLE IN ALCOHOL USE DISORDER: EVIDENCE ACROSS SPECIES
Alexander Hatoum, Washington University, St. Louis medical school St. Louis MO USA
- 2:01PM-2:19PM LEVERAGING GENOME-WIDE ASSOCIATION MAPPING AND SYSTEMS GENETICS OF ETHANOL SENSITIVITY IN DO MICE TO IDENTIFY GENES ASSOCIATED WITH AUD IN HUMANS
Clarissa Parker, Middlebury College, Middlebury VT USA
- 2:19PM-2:37PM MOLECULAR BRAIN SIGNATURES OF CHRONIC ALCOHOL USE ACROSS SPECIES
Rohan Palmer, Emory University, Atlanta GA USA
- 2:37PM-2:50PM DISCUSSANT / QUESTION MODERATOR
Elissa Chesler, The Jackson Laboratory, Bar Harbor ME USA

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SUNDAY, JUNE 26

1:20PM - 2:50PM

ROUNDTABLE

REGENCY T

FRONT-LOADING YOUR WAY TO AN AUD: THE RELATIONSHIP BETWEEN DRINKING RATE, INTOXICATION, AND MOTIVATION TO EXPERIENCE THE SUBJECTIVE EFFECTS OF ALCOHOL (INT)

ORGANIZERS: CHERISH ARDINGER and NICHOLAS GRAHAME

CHAIRS: CHERISH ARDINGER and DAVID LINSENBARDT

1:20PM-1:25PM

INTRODUCTION

Cherish Ardinger, Indiana University-Purdue University Indianapolis, Indianapolis IN USA

1:25PM-2:25PM

PANELISTS:

FRONT-LOADING AS A CRITICAL DIAGNOSTIC TOOL AND POTENTIAL THERAPEUTIC WINDOW FOR EXCESSIVE, BINGE, AND HIGH INTENSITY ALCOHOL CONSUMPTION

David Linsenhardt, University of New Mexico, Albuquerque NM USA

FRONT-LOADING: EVIDENCE THAT MICE CONSUME ALCOHOL TO EXPERIENCE ITS SUBJECTIVE REWARDING EFFECTS

Cherish Ardinger, Indiana University-Purdue University Indianapolis, Indianapolis IN USA

SEX DIFFERENCES IN DRINKING DYNAMICS: FRONT-LOADING IS KEY

Annabelle Flores-Bonilla, University of Massachusetts Amherst, Amherst MA USA

ACQUISITION AND MAINTENANCE OF FRONT-LOADING PATTERNS OF ALCOHOL DRINKING IN MACAQUE MONKEYS

Kathy Grant, Oregon Health & Science University, Beaverton OR USA

FRONTLOADING IN THE REAL-WORLD: LEVERAGING SMARTPHONE TECHNOLOGY TO EXAMINE RATE OF ALCOHOL CONSUMPTION EFFECTS ON SUBJECTIVE RESPONSES IN HEAVY DRINKERS

Ashley Vena, University of Chicago, Chicago IL USA

BINGE AND HIGH INTENSITY ALCOHOL SELF-ADMINISTRATION - THE IMPORTANCE OF RATE

Martin Plawecki, Indiana University School of Medicine, Indianapolis IN USA

2:25PM-2:50PM

OPEN DISCUSSION MODERATOR

Nicholas Grahame, Indiana University Purdue University, Indianapolis IN USA

1:20PM - 2:50PM

SYMPOSIUM

REGENCY U

UNPACKING NEURAL CORRELATES OF AUD: INSIGHTS FROM NEUROIMAGING (INT)

ORGANIZER: ANSEL HILLMER

CHAIRS: JOHN KRYSTAL and MARISA SILVERI

1:20PM-1:25PM

INTRODUCTION

John Krystal, Yale University School of Medicine, New Haven CT USA

1:25PM-1:43PM

MULTIMODAL NEUROIMAGING OF RESTING-STATE ACTIVITY AND MGLU5 RECEPTOR AVAILABILITY IN ALCOHOL USE DISORDER

Ansel Hillmer, Yale University, New Haven CT USA

1:43PM - 2:01PM

SEX DIFFERENCES IN TRAUMA, INFLAMMATION AND BRAIN FUNCTION: IMPLICATIONS FOR TREATMENT EFFICACY IN ALCOHOL-USE DISORDER

Milky Kohn, Oregon Health and Science University and VA Portland Health Care System, Portland OR USA

2:01PM - 2:19PM

VIRTUAL REALITY RECOVERY SUPPORT INTERVENTION AND SENSATION SEEKING: A PILOT STUDY

Brandon Oberlin, Indiana University School of Medicine, Indianapolis IN USA

2:19PM-2:37PM

USING NEURAL CUE-REACTIVITY TO TEST PHARMACOTHERAPIES FOR ALCOHOL USE DISORDER

Elizabeth Burnette, UCLA, Los Angeles CA USA

2:37PM-2:50PM

DISCUSSANT / QUESTION MODERATOR

Marisa Silveri, McLean Hospital/Harvard Medical School, Belmont MA USA

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SUNDAY, JUNE 26

2:50PM - 3:10PM

COFFEE BREAK

REGENCY ROTUNDA

3:10PM - 4:40PM

ENOCH GORDIS RESEARCH RECOGNITION AWARDS - PAPER SESSION - STUDENTS

REGENCY O

Organized by the Education Committee

3:10PM-3:15PM

MODERATOR

Anushree Karkhanis, Binghamton University - SUNY, Binghamton NY USA

3:15PM-3:29PM

EFFECTS OF THE SELECTIVE GSK3B INHIBITOR, TIDEGLUSIB, ON ETHANOL CONSUMPTION, ANXIETY-LIKE BEHAVIOR, TASTE PREFERENCE, AND DOWNSTREAM PROTEINS

Sam Gottlieb, Virginia Commonwealth University, Richmond VA USA

3:29PM-3:43PM

PLACEBO ALCOHOL ADMINISTRATION IS ASSOCIATED WITH CHANGES IN VENTRAL PREFRONTAL NETWORK RESTING STATE FUNCTIONAL CONNECTIVITY

Dylan Kirsch, University of Texas - Austin, Austin TX USA

3:43PM-3:57PM

THE EFFECTS OF ALCOHOL INTOXICATION AND THREATS TO MASCULINITY ON SEXUAL AGGRESSION: RESULTS FROM A WEB-BASED SURVEY AND ALCOHOL ADMINISTRATION DESIGN

Tiffany Marcantonio, University of Arkansas, Fayetteville AR USA

3:57PM-4:11PM

TRANSCRIPTOME ANALYSIS OF MESENTERIC ADIPOSE TISSUE AND LIVER REVEALS NOVEL MECHANISTIC LINKAGES BETWEEN PRENATAL ALCOHOL EXPOSURE AND ADULT HEALTH OUTCOMES

Marisa Pinson, Texas A&M University HSC, Bryan TX USA

4:11PM-4:25PM

EXAMINING A BRIEF MEASURE AND OBSERVED CUTOFF SCORES TO IDENTIFY REWARD AND RELIEF DRINKING PROFILES: PSYCHOMETRIC PROPERTIES AND PHARMACOTHERAPY RESPONSE

Victoria Votaw, University of New Mexico, Albuquerque NM USA

4:25PM-4:39PM

THE RECIPROCAL RELATIONSHIP BETWEEN AROMATASE AND BINGE ALCOHOL CONSUMPTION

Lia Zallar, Weill Cornell Medicine Graduate School of Medical Sciences, New York NY USA

3:10PM - 4:40PM

SYMPOSIUM

REGENCY P

THE ROLE OF CANNABINOIDS IN ALCOHOL USE DISORDER ACROSS THE LIFESPAN

ORGANIZERS / CHAIRS: VALENTINA VOZELLA and MARISA ROBERTO (The Scripps Research Institute, La Jolla CA USA)

3:10PM-3:15PM

INTRODUCTION

Valentina Vozella, The Scripps Research Institute, La Jolla CA USA

3:15PM-3:33PM

ENVIRONMENTAL AND NUTRITIONAL FACTORS RESCUE COGNITION, BEHAVIOR AND ENDOCANNABINOID SYSTEM HOMEOSTASIS IN THE ADULT BRAIN AFTER ADOLESCENT ALCOHOLISM

Pedro Grandes, University of the Basque Country, Leioa Biscay Spain

3:33PM-3:51PM

OF BOOZE AND BUD: INTERACTIONS BETWEEN VAPOURIZED CANNABIS AND ALCOHOL DRINKING IN RODENT MODELS

Jibran Khokhar, University of Guelph, Guelph ON Canada

3:51PM-4:09PM

THE LASTING EFFECTS OF PHARMACOLOGICALLY ENHANCING ENDOCANNABINOID LEVELS DURING A CRITICAL PERIOD OF ALCOHOL WITHDRAWAL

Sam Centanni, Wake Forest Baptist Health, Winston-Salem NC USA

4:09PM-4:27PM

STRESS REACTIVITY AND ALCOHOL DRINKING: CORTICOLIMBIC ACTIVITY AND ROLE OF ENDOCANNABINOIDS IN MODULATING STRESS REACTIVE BEHAVIORS

Laura Ornelas, The University of North Carolina at Chapel Hill, Chapel Hill NC USA

4:27PM-4:40PM

DISCUSSANT / QUESTION MODERATOR

David Lovinger, NIAAA, Rockville MD USA

"DIT" indicates Diversity in Topic and "INT" indicates an integrative symposium. We strongly encouraged proposals that bridge different types of research (e.g., preclinical and clinical), to provide the opportunity for society members with different interests to interact.

SUNDAY, JUNE 26

3:10PM - 4:40PM

SYMPOSIUM

REGENCY Q

**CONSIDER THE CONTEXT: EMA AND EEG INVESTIGATIONS OF STATE-BASED INFLUENCES ON BEHAVIORAL ECONOMIC DEMAND FOR ALCOHOL
ORGANIZER / CHAIR: MICHAEL AMLUNG**

- 3:10PM-3:15PM INTRODUCTION
Michael Amlung, University of Kansas, Lawrence KS USA
- 3:15PM-3:33PM ALCOHOL DEMAND AS A PREDICTOR OF DRINKING BEHAVIOR IN THE NATURAL ENVIRONMENT
Courtney Motschman, University of Missouri - Columbia, Columbia MO USA
- 3:33PM-3:51PM CONTEXTUAL AND INDIVIDUAL DIFFERENCE CORRELATES OF DAILY ALCOHOL DEMAND: INDEPENDENT AND INTERACTIVE EFFECTS OF ADHD, SEX, AND DAY OF WEEK
Lauren Oddo, University of Maryland - College Park, College Park MD USA
- 3:51PM-4:09PM DOES RELATIVE ALCOHOL VALUE IN THE MORNING INFLUENCE SUBSEQUENT DRINKING? THE IMPORTANCE OF MORNING ALCOHOL DEMAND
Elizabeth Aston, Brown University, Cranston RI USA
- 4:09PM-4:27PM BIOMARKERS OF SOCIAL AND ALCOHOL REWARD IN EMERGING ADULTS
Samuel Acuff, The University of Memphis, Memphis TN USA
- 4:27PM-4:40PM DISCUSSANT / QUESTION MODERATOR
James Murphy, University of Memphis, Memphis TN USA

3:10PM - 4:40PM

SYMPOSIUM

REGENCY R

**INTERVENTION INTERFERENCE? A MULTI-METHOD CONSIDERATION OF ALCOHOL'S INFLUENCE ON EFFORTS TO PREVENT SEXUAL ASSAULT
ORGANIZERS / CHAIRS: MICHELLE J. ZASO and JENNIFER P. READ (State University of New York at Buffalo, Buffalo NY USA)**

- 3:10PM-3:15PM INTRODUCTION
Michelle Zaso, State University of New York at Buffalo, Buffalo NY USA
- 3:15PM-3:33PM THE IMPACT OF ALCOHOL AND BYSTANDER INTERVENTION ON MEN'S BYSTANDER RESPONSES TO LABORATORY SEXUAL AGGRESSION
Alexandra Brockdorf, University of Nebraska - Lincoln, Lincoln NE USA
- 3:33PM-3:51PM ARE SEXUAL ASSAULT PROTECTIVE BEHAVIORS PROTECTING? AN EVENT-LEVEL EXAMINATION OF THE ASSOCIATION BETWEEN STRATEGY USE AND SEXUAL ASSAULT IN WOMEN
Rachael Shaw, University at Buffalo, Buffalo NY USA
- 3:51PM-4:09PM INCAPACITATED SEXUAL ASSAULT AND PRE-PARTYING: THE ROLE OF SITUATIONAL CONTROL
Anna Jaffe, University of Nebraska-Lincoln, Lincoln NE USA
- 4:09PM-4:27PM IS ALCOHOL USE FREQUENCY ASSOCIATED WITH SEXUAL ASSAULT VICTIMIZATION AND BYSTANDER ATTITUDES? DIFFERENCES BY GENDER AND SEXUAL IDENTITY
Ruschelle Leone, Georgia State University, Atlanta GA USA
- 4:27PM-4:40PM DISCUSSANT / QUESTION MODERATOR
Teresa Treat, University of Iowa, Iowa City IA USA

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SUNDAY, JUNE 26

3:10PM - 4:40PM

SYMPOSIUM

REGENCY S

BRAIN/BODY SYSTEMS DYSFUNCTION IN ALCOHOL USE DISORDER (INT)
ORGANIZER / CHAIR: YUVAL SILBERMAN

- 3:10PM-3:15PM INTRODUCTION
Yuval Silberman, Penn State College of Medicine, Hershey PA USA
- 3:15PM-3:33PM ROLE OF GUT-BRAIN SIGNALS IN ALCOHOL USE DISORDER: LESSONS LEARNED FROM ANIMAL MODELS OF WEIGHT LOSS SURGERY
Andras Hajnal, The Pennsylvania State University College of Medicine, Hershey PA USA
- 3:33PM-3:51PM GUT-BRAIN NEUROPEPTIDES AS NOVEL TARGETS TO DEVELOP MEDICATIONS FOR ALCOHOL USE DISORDER
Mehdi Farokhnia, NIH, NIDA & NIAAA, Arnold MD USA
- 3:51PM-4:09PM THE VAGUS NERVE IS CRITICAL FOR REGULATION OF ALCOHOL INTAKE AND HYPOTHALAMIC-PITUITARY-ADRENAL AXIS RESPONSES TO ACUTE STRESS
Yuval Silberman, Penn State College of Medicine, Hershey PA USA
- 4:09PM-4:27PM MULTIMODAL NEUROIMAGING OF STRESS, AROUSAL, AND ALCOHOL USE DISORDER: NEUROBIOLOGICAL MECHANISMS OF MIND AND BODY INTERACTIONS
Dongju Seo, Yale School of Medicine, New Haven CT USA
- 4:27PM-4:40PM DISCUSSANT / QUESTION MODERATOR
M. Yanina Pepino, University of Illinois at Urbana Champaign, Urbana IL USA

3:10PM - 4:40PM

SYMPOSIUM

REGENCY T

INTEGRATION OF HUMAN GENOMICS AND MODEL ORGANISMS TO STUDY BIOLOGY OF GENETIC SYSTEMS INVOLVED IN ALCOHOL BEHAVIORS (INT)
ORGANIZER: MARISSA A. EHRINGER
CHAIRS: MARISSA A. EHRINGER and AMANDA BARKLEY-LEVENSON

- 3:10PM-3:15PM INTRODUCTION
Hemin Chin, NIAAA, Bethesda MD USA
- 3:15PM-3:33PM TRANS-ANCESTRY GWAS META-ANALYSIS OF ALCOHOL AND TOBACCO ADDICTION IN 3.4 MILLION INDIVIDUALS
Scott Vrieze, University of Minnesota, Minneapolis MN USA
- 3:33PM-3:51PM FOLLOW-UP OF NOVEL HUMAN GWAS HITS FOR PROBLEMATIC ALCOHOL USE AND ALCOHOL CONSUMPTION USING GENETIC MOUSE MODELS
Amanda Barkley-Levenson, University of New Mexico Health Sciences Center, Albuquerque NM USA
- 3:51PM-4:09PM A MOUSE MODEL OF HUMAN GCKR SNP RS1260326 (P446L) SHOWS DIFFERENCES IN ALCOHOL BEHAVIORS
Marissa Ehringer, University of Colorado, Boulder CO USA
- 4:09PM-4:27PM CROSS-SPECIES GENETIC IDENTIFICATION OF GENES MODULATING ETHANOL CONSUMPTION
Michael Miles, Virginia Commonwealth University, Richmond VA USA
- 4:27PM-4:40PM DISCUSSANT / QUESTION MODERATOR
Abraham Palmer, University of California San Diego, La Jolla CA USA

SUNDAY, JUNE 26

3:10PM - 4:40PM

ROUNDTABLE

REGENCY U

ALCOHOL USE DISORDER AND THE COVID- 19 PANDEMIC (INT)
ORGANIZERS: GARTH SWANSON and ALI KESHAVARZIAN
CHAIRS: ALI KESHAVARZIAN and H. JOE WANG

3:10PM-3:15PM

INTRODUCTION

Ali Keshavarzian, Rush University Medical Center, Chicago IL USA

3:15PM-4:15PM

PANELISTS:

IMPACT OF ALCOHOL ON COVID HOSPITAL OUTCOMES

Majid Afshar, Loyola University Chicago, Maywood IL USA

THE IMPACT OF ALCOHOL CONSUMPTION ON ANTI-VIRAL RESPONSES IN INNATE AND ADAPTIVE IMMUNITY

Laura Nagy, Cleveland Clinic Foundation, Cleveland OH USA

THE IMPACT OF ALCOHOL USE DISORDER ON COVID-19 INFECTION IN THE EMERGENCY ROOM

Neeraj Chhabra, Rush Medical College, Chicago IL USA

SHIFT WORK, ALCOHOL USE, AND COVID-19 INFECTION IN NURSES

Cara Joyce, Loyola University Chicago, Maywood IL USA

IMPACT OF ALCOHOL USE DISORDER ON SHORT AND LONG TERM RESPIRATORY AND COGNITIVE OUTCOMES IN COVID-19

Ellen Burnham, University of Colorado, Denver CO USA

ALCOHOL INDUCED GUT BARRIER DYSFUNCTION, DYSBIOSIS, AND COVID-19

Mohamed Abdel-Mohsen, Perelman School of Medicine, University of Pennsylvania, Philadelphia PA USA

4:15PM-4:40PM

OPEN DISCUSSION MODERATOR

H. Joe Wang, NIH/NIAAA, Rockville MD USA

4:50PM - 6:50PM

POSTER SESSION I

WINDERMERE Y-Z

POSTER NUMBERS: 1-233 / ABSTRACT NUMBERS: 1-233

Two 1-hour manning periods - Odd Numbers = first hour; Even Numbers = second hour (light refreshments)

7:30PM - 9:30PM

RSA SPONSORED POST-DOC DINNER - TICKET REQUIRED

OFF-SITE

Organized by the RSA Education Committee

MONDAY, JUNE 27

6:15AM

RSA MARK WOOD 5K FUN RUN/WALK - entry form/waiver required

MEET IN LOBBY

6:30AM - 8:00AM

CONTINENTAL BREAKFAST - Name Badge Required.

REGENCY ROTUNDA

7:30AM - 5:15PM

RSA REGISTRATION DESK - Open

COUNTERS 2-3

8:00AM - 8:45AM

PLENARY SESSION II - 2022 RSA DISTINGUISHED RESEARCHER

REGENCY R-S

SOCIOSTRUCTURAL SUPPORTS FOR ALCOHOL USE DISORDERS - DESCRIBING THE PERFECT STORM

Paul Gruenewald, Ph.D., Pacific Institute for Research and Evaluation, Prevention Research Center, Berkeley, CA

Over the past 70 years alcohol researchers have provided numerous insights into social structures that support the development and maintenance of heavy alcohol use and related disorders in the US population. This presentation provides a sketch of how opportunity structures for drinking enable the reinforcement of heavy drinking and related problems, including the maintenance of alcohol use disorders, despite prevention and treatment efforts. Opportunities to drink are shaped by political and economic institutions that enable production and sales of alcohol and reinforce social processes that lead to heavy drinking and related problems. Intrinsic and extrinsic rewards related to alcohol use, often quite specific to drinking settings, enable the development and maintenance of heavy drinking behaviors and neurobiological processes that lead to addiction. These processes provide a counterweight to prevention and treatment efforts such that no amount of treatment may ameliorate alcohol problems in the population.

Dr. Gruenewald's career in alcohol studies was supported and shaped by Dr. Harold Holder's work on systems dynamic models of community alcohol problems. Focused on the interacting dynamics of system actors and institutions with individual users and their problems, this encouraged the explication of social institutions and systems that lead to heavy drinking and alcohol use disorders. Dr. Gruenewald is currently Scientific Director at Prevention Research Center, Berkeley, CA and Principal Investigator of the "Environmental Approaches to Prevention" NIAAA Research Center grant.

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MONDAY, JUNE 27

8:45AM - 9:15AM

COFFEE BREAK

REGENCY ROTUNDA

9:15AM - 10:45AM

SYMPOSIUM

REGENCY O

**PRECLINICAL MODELS FOR POLYSUBSTANCE USE AND MULTIDRUG INTERACTIONS
ORGANIZER / CHAIR: JESSE SCHANK**

9:15AM-9:20AM

INTRODUCTION

Jesse Schank, University of Georgia, Athens GA USA

9:20AM-9:38AM

CONCURRENT ORAL SELF-ADMINISTRATION OF ALCOHOL AND OXYCODONE: DRUG INTAKE, NEUROPEPTIDE MECHANISMS, AND RELAPSE-LIKE BEHAVIOR

Jesse Schank, University of Georgia, Athens GA USA

9:38AM-9:56AM

THE EFFECTS OF VOLUNTARY ALCOHOL CONSUMPTION ON COCAINE-SEEKING AND ITS UNDERLYING NEUROBIOLOGY

Lori Knackstedt, University of Florida, Gainesville FL USA

9:56AM-10:14AM

NOVEL GENETIC CONTRIBUTIONS TO ALCOHOL AND NICOTINE INTAKE: BACK-TRANSLATION OF GWAS DATA TO PRE-CLINICAL MODELS

Anna Lee, University of Minnesota, Minneapolis MN USA

10:14AM-10:32AM

DIFFERENTIAL EFFECTS OF ALCOHOL AND NICOTINE ON NEUROIMMUNE FUNCTION: A POTENTIAL MECHANISM DRIVING CO-USE

Patrick Randall, Penn State College of Medicine, Hershey PA USA

10:32AM-10:45AM

DISCUSSANT / QUESTION MODERATOR

Falk Lohoff, NIH, NIAAA, Bethesda MD USA

9:15AM - 10:45AM

SYMPOSIUM

REGENCY P

**BEHAVIORAL, NEUROBIOLOGICAL AND EPIGENETIC MECHANISMS OF LONG-TERM IMPACT OF
ADOLESCENT ALCOHOL: NADIA CONSORTIUM FINDINGS
ORGANIZERS / CHAIRS: SUBHASH C. PANDEY and ANTONIO NORONHA**

9:15AM-9:20AM

INTRODUCTION

Antonio Noronha, NIH, NIAAA, Bethesda MD USA

9:20AM-9:38AM

EPIGENOMIC EDITING AMEROLATES DETRIMENTAL EFFECTS OF ADOLESCENT ALCOHOL EXPOSURE

Subhash Pandey, University of Illinois & JBVA Medical Center, Chicago IL USA

9:38AM-9:56AM

NADIA ADOLESCENT ALCOHOL EXPOSURE INDUCES ADULT HMGB1-TLR NEUROIMMUNE SIGNALING DISRUPTING COGNITIVE NEUROCIRCUITRY THAT IS REVERSIBLE

Fulton Crews, UNC Chapel Hill, Bowles Center for Alcohol Studies, Chapel Hill NC USA

9:56AM-10:14AM

LOSS OF CHOLINERGIC PHENOTYPE IN THE BASAL FOREBRAIN CONTRIBUTES TO FRONTOCORTICAL DYSFUNCTION SEEN FOLLOWING ADOLESCENT ETHANOL EXPOSURE

Lisa Savage, Binghamton University, Binghamton NY USA

10:14AM-10:32AM

ASTROCYTIC, NEUROIMMUNE, AND BEHAVIORAL CHANGES IN ADULTHOOD AFTER ADOLESCENT INTERMITTENT ETHANOL EXPOSURE: SEX-SPECIFIC AND PHARMACOLOGICAL REVERSAL

Kati Healey, Duke University Medical School, Durham NC USA

10:32AM-10:45AM

DISCUSSANT / QUESTION MODERATOR

Fulton Crews, UNC Chapel Hill, Bowles Center for Alcohol Studies, Chapel Hill NC USA

MONDAY, JUNE 27

9:15AM - 10:45AM

SYMPOSIUM

REGENCY Q

NOVEL PERSPECTIVES ON THE ROLE OF SOCIOECONOMIC INEQUALITIES AND ALCOHOL USE ON MORBIDITY AND MORTALITY IN THE UNITED STATES (DIT)
ORGANIZERS: CHARLOTTE PROBST and KLAJDI PUKA
CHAIR: CHARLOTTE PROBST

- 9:15AM-9:20AM INTRODUCTION
Charlotte Probst, Centre for Addiction and Mental Health, Toronto ON Canada
- 9:20AM-9:38AM IMPACT OF ALCOHOL ON THE RISK OF LIVER CIRRHOSIS
Laura Llamosas-Falcon, Centre for Addiction and Mental Health, Toronto Ontario Canada
- 9:38AM-9:56AM THE ROLE OF SOCIOECONOMIC STATUS FOR INCIDENT ALCOHOL USE DISORDERS AND DEPRESSIVE DISORDERS: A POPULATION-BASED STUDY
Aur lie Lasserre, Centre for Addiction and Mental Health, Toronto ON Canada
- 9:56AM-10:14AM DECOMPOSING DIFFERENTIAL EXPOSURE AND VULNERABILITY OF LIFESTYLE RISK FACTORS ON SOCIOECONOMIC INEQUALITIES IN MORTALITY
Klajdi Puka, Centre for Addiction and Mental Health, Toronto Ontario Canada
- 10:14AM-10:32AM INTRODUCING THE SIMULATION OF ALCOHOL CONTROL POLICIES FOR HEALTH EQUITY (SIMAH) MICROSIMULATION MODEL
Charlotte Buckley
- 10:32AM-10:45AM DISCUSSANT / QUESTION MODERATOR
Robin Purshouse, University of Sheffield, Sheffield South Yorkshire United Kingdom

9:15AM - 10:45AM

ROUNDTABLE

REGENCY R

NEURAL AND BEHAVIORAL REPRESENTATIONS OF ALCOHOL-RELATED RISK AND RESILIENCE PHENOMENA AMONG EMERGING ADULTS (EA) (DIT, INT)
ORGANIZERS / CHAIRS: SARAH W. FELDSTEIN EWING and JAMES MACKILLOP

- 9:15AM-9:20AM INTRODUCTION
Sarah Feldstein Ewing, University of Rhode Island, Kingston RI USA
- 9:20AM-10:20AM PANELISTS:
FACETS OF IMPULSIVITY AS PREDICTOR OF AGING OUT OF ALCOHOL MISUSE: FINDINGS FROM A LONGITUDINAL OBSERVATIONAL COHORT IN ONTARIO
James MacKillop, McMaster University, Dundas ON Canada
THE EFFECTS OF ALCOHOL AND CANNABIS USE ON THE CORTICAL THICKNESS OF INHIBITORY CONTROL NETWORKS IN EMERGING ADULTHOOD: A CO-TWIN CONTROL STUDY
Jeremy Harper, University of Minnesota, Saint Paul MN USA
RACE-RELATED RISK FACTORS FOR ALCOHOL MISUSE AND ITS ASSOCIATED PROBLEMS IN BLACK EMERGING ADULTS
Laura Marks, Florida State University, Tallahassee FL USA
BEHAVIORAL ECONOMIC PREDICTORS OF ALCOHOL USE AND PROBLEM TRAJECTORIES IN A DIVERSE EMERGING ADULT SAMPLE
James G. Murphy, University of Memphis, Memphis TN USA
INTEROCEPTIVE MECHANISMS OF ALCOHOL RELATED BEHAVIORS
Mateo Leganes-Fonteneau, Rutgers University, Piscataway NJ USA
TIME FOR A PARADIGM SHIFT: THE EMERGING ADULT BRAIN IN ADDICTION TREATMENT
Sarah Feldstein Ewing, University of Rhode Island, Kingston RI USA
- 10:20AM-10:45AM OPEN DISCUSSION MODERATOR
Nicholas Grahame, Indiana University Purdue University, Indianapolis IN USA

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MONDAY, JUNE 27

9:15AM - 10:45AM

SYMPOSIUM

REGENCY T

**NEUROFUNCTIONAL DOMAINS DERIVED FROM DEEP BEHAVIORAL PHENOTYPES IN ALCOHOL USE DISORDER:
APPLICATION TO ETIOLOGY, NATURAL HISTORY AND RECOVERY OUTCOMES
ORGANIZERS / CHAIRS: VIJAY A. RAMCHANDANI and KATIE WITKIEWITZ**

- 9:15AM-9:20AM INTRODUCTION
Vijay Ramchandani, NIAAA, Bethesda MD USA
- 9:20AM-9:38AM ADDICTIONS NEUROCLINICAL ASSESSMENT: LATENT STRUCTURE AND DIFFERENCES BETWEEN INDIVIDUALS WITH AND WITHOUT ALCOHOL USE DISORDER
Tommy Gunawan, National Institutes of Health, Bethesda MD USA
- 9:38AM-9:56AM SUBTYPES IN ADDICTION AND THEIR NEUROBEHAVIORAL IMPAIRMENTS IN APPROACH BEHAVIOR, NEGATIVE EMOTIONALITY AND EXECUTIVE FUNCTION
Anna Zilverstand, University of Minnesota, Minneapolis MN USA
- 9:56AM-10:14AM EVALUATION OF THE ADDICTIONS NEUROCLINICAL ASSESSMENT FRAMEWORK ACROSS SUBSTANCES
ReJoyce Green, UCLA, Los Angeles CA USA
- 10:14AM-10:32AM THE ALCOHOL AND ADDICTION RESEARCH DOMAIN CRITERIA (AARDOC) AND ALCOHOL USE DISORDER RECOVERY: AN ANALYSIS OF INDIVIDUALS IN TWO CLINICAL TRIALS
Katie Witkiewitz, University of New Mexico, Albuquerque NM USA
- 10:32AM-10:45AM DISCUSSANT / QUESTION MODERATOR
Kenneth Sher, University of Missouri, Columbia MO USA

9:15AM - 10:45AM

SYMPOSIUM

REGENCY U

**STRESS, LEARNING AND MEMORY IN PROBLEMATIC ALCOHOL USE (INT)
ORGANIZERS / CHAIRS: ELIZABETH GOLDFARB and JACQUELINE BARKER**

- 9:15AM-9:20AM INTRODUCTION
Elizabeth Goldfarb, Yale School of Medicine, New Haven CT USA
- 9:20AM-9:38AM ASTROCYTE REGULATION OF STRESS- AND ETHANOL-INDUCED REWARD SEEKING IN FEMALE MICE
Jacqueline Barker, Drexel University College of Medicine, Philadelphia PA USA
- 9:38AM-9:56AM GLUCOCORTICOID MODULATION OF ALCOHOL-RELATED MEMORIES IN HUMANS
Elizabeth Goldfarb, Yale School of Medicine, New Haven CT USA
- 9:56AM-10:14AM CIRCUITS FOR COMPULSIVE BEHAVIOR
Andrew Holmes, NIH, Rockville MD USA
- 10:14AM-10:32AM SEX DIFFERENCES IN THE POTENTIATION OF CUE-INDUCED ALCOHOL SEEKING BY STRESS
Megan Bertholomey, Allegheny College, Meadville PA USA
- 10:32AM-10:45AM DISCUSSANT / QUESTION MODERATOR
Charlotte Boettiger, University of North Carolina at Chapel Hill, Chapel Hill NC USA

10:55AM - 11:35AM

RSA BUSINESS (MEMBERSHIP) MEETING - Open to RSA members

REGENCY O

11:45AM - 1:10PM

RSA ANNUAL LEGISLATIVE ADVOCACY WORKSHOP - Open
Organized by the RSA Government Affairs and Advocacy Committee
Everyone Welcome - Light Lunch available for those who have an RSVP ticket

REGENCY R

11:45AM - 1:10PM

RSA DIVERSITY COMMITTEE MEETING - Open
Everyone Welcome - Light Lunch available for those who have an RSVP ticket

REGENCY P

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MONDAY, JUNE 27

11:45AM - 1:10PM

SPECIAL SESSION

REGENCY Q

VA ALCOHOL RESEARCH OPPORTUNITIES AND SUCCESSES: A VA DATABLITZ- Open

Organizers: Robert Swift and Jana Drgonova

INTRODUCTION TO WORKSHOP

Robert Swift, Providence VA Medical Center, Providence RI USA

VA RESEARCH GRANT MECHANISMS

Jana Drgonova, VA Office of Research and Development, Washington DC USA

ENDOPLASMIC RETICULUM STRESS IN ALCOHOL-INDUCED NEURODEGENERATION

Jia Luo, Iowa City VA Medical Center, Iowa City IA USA

ROLE OF DYSREGULATED SPHINGOLIPID METABOLISM IN ALCOHOL- AND CIGARETTE SMOKE-INDUCED WHITE MATTER DEGENERATION

Ermine Yalcin, Providence VA Medical Center, Providence RI USA

A NEW FERRET MODEL FOR ALCOHOL ABUSE DURING LATE ADOLESCENCE

Alexandre Medina, Baltimore VA Medical Center, Baltimore MD USA

EFFECTS OF ALCOHOL USE DISORDER AND CHRONIC VIRAL INFECTION ON NEUROCIRCUITRY AND BEHAVIOR IN VETERANS

Jennifer Loftis, Portland VA Medical Center, Portland OR USA

MILLION VETERAN PROGRAM GENOME-WIDE ASSOCIATION STUDIES OF SUBSTANCE USE TRAITS

Henry Kranzler, Philadelphia VA Medical Center, Philadelphia PA USA

1:20PM - 2:50PM

SYMPOSIUM

REGENCY O

THE DORSAL STRATUM AND ALCOHOL DRINKING: MOLECULAR, CIRCUIT, AND BEHAVIORAL MECHANISMS

ORGANIZERS: JUN WANG and DOO-SUP CHOI (Mayo Clinic, Rochester MN USA)

CHAIRS: JUN WANG and DORIT RON

1:20PM-1:25PM

INTRODUCTION

Jun Wang, Texas A&M Health Science Center, Bryan TX USA

1:25PM-1:43PM

BDNF IN A VENTROLATERAL ORBITOFRONTAL CORTEX TO DORSOLATERAL STRIATUM CIRCUIT KEEPS ALCOHOL INTAKE IN MODERATION

Dorit Ron, University of California San Francisco, San Francisco CA USA

1:43PM-2:01PM

IMPAIRED GOAL-DIRECTED BEHAVIOR AND DOPAMINE DEFICITS INDUCED BY DEVELOPMENTAL ETHANOL EXPOSURE

Sebastiano Bariselli, National Institutes of Health, Bethesda MD USA

2:01PM-2:19PM

EXTERNAL GLOBUS PALLIDUS INPUT TO THE DORSAL STRIATUM REGULATES HABITUAL REWARD-SEEKING BEHAVIOR

Matthew Baker, Mayo Clinic, Rochester MN USA

2:19PM-2:37PM

D1-MSN ENSEMBLES IN THE DORSOMEDIAL STRIATUM POSITIVELY REGULATE ALCOHOL-SEEKING AND RELAPSE BEHAVIOR

Jun Wang, Texas A&M Health Science Center, Bryan TX USA

2:37PM-2:50PM

DISCUSSANT / QUESTION MODERATOR

David Lovinger, NIAAA, Rockville MD USA

MONDAY, JUNE 27

1:20PM - 2:50PM

SYMPOSIUM

REGENCY P

**ALTERED POST-TRANSLATIONAL MODIFICATIONS (PTMS): ROLE IN ALCOHOL-INDUCED ORGAN INJURY
ORGANIZERS / CHAIRS: CAROL CASEY and ARMEN PETROSYAN**

- 1:20PM-1:25PM INTRODUCTION
Carol Casey, University of Nebraska Medical Center, Omaha NE USA
- 1:25PM-1:43PM ABNORMAL GLYCOSYLATION OF ASIALOGLYCOPROTEIN RECEPTOR IN ALCOHOL-INDUCED LIVER INJURY:
GOLGI DISORGANIZATION REROUTES INTRACELLULAR TRAFFICKING
Armen Petrosyan, University of Nebraska Medical Center, Omaha NE USA
- 1:43PM-2:01PM MICROTUBULE MODIFICATIONS THAT ALTER PROTEIN TRAFFICKING ARE AN EARLY MARKER FOR ALCOHOL-
INDUCED LIVER INJURY
Pamela Tuma, The Catholic University of America, Washington DC USA
- 2:01PM-2:19PM ROLE OF CYP2E1 IN POST-TRANSLATIONAL PROTEIN MODIFICATIONS, LEADING TO GUT LEAKINESS AND
ALCOHOLIC LIVER DISEASE
Byoung-Joon (BJ) Song, NIH, Rockville MD USA
- 2:19PM-2:37PM WHOLE GENOME APPROACHES REVEAL EPIGENETICALLY REGULATED TRANSCRIPTOMIC CHANGES ACROSS
BRAIN REGIONS DURING ALCOHOL DEPENDENCE
Harish Krishnan, University of Illinois at Chicago, Chicago IL USA
- 2:37PM-2:50PM DISCUSSANT / QUESTION MODERATOR
Amy Lasek, University of Illinois at Chicago, Chicago IL USA

1:20PM - 2:50PM

SYMPOSIUM

REGENCY Q

**SHINING A LIGHT ON DIVERSITY CONCERNS IN THE ALCOHOL-USING VETERAN POPULATION (DIT)
ORGANIZER / CHAIR: JULIE C. GASS**

- 1:20PM-1:25PM INTRODUCTION
Julie Gass, VA Western New York Healthcare System, Buffalo NY USA
- 1:25PM-1:43PM ALCOHOL-RELATED CORRELATES OF MILITARY SEXUAL TRAUMA HISTORY AMONG US ARMY RESERVE AND
NATIONAL GUARD SOLDIERS
Jennifer Fillo, University of South Carolina, Columbia SC USA
- 1:43PM-2:01PM MEDICATIONS FOR ALCOHOL USE DISORDER IN THE VETERANS HEALTH ADMINISTRATION: TRENDS ACROSS
GROUPS BASED ON SEX AND RACIALIZED AND GENDER IDENTITIES
Rachel Bachrach, VA Pittsburgh Healthcare System, Pittsburgh PA USA
- 2:01PM-2:19PM QUALITATIVE INTERVIEWS WITH WOMEN AND RACIAL/ETHNIC MINORITY VETERANS TO REFINE A REMOTE
INTERVENTION FOR AT-RISK ALCOHOL AND SMOKING
Jacob Scharer, Syracuse VA Medical Center, Syracuse NY USA
- 2:19PM-2:37PM UNHEALTHY ALCOHOL USE AND PRE-EXPOSURE PROPHYLAXIS (PREP) HISTORY AND WILLINGNESS AMONG
VETERANS ACROSS SEXUAL ORIENTATION AND GENDER IDENTITY
Emily Williams, VA Puget Sound Health Care System, HSR&D, Seattle WA USA
- 2:37PM-2:50PM DISCUSSANT / QUESTION MODERATOR
David Fiellin, Yale University, New Haven CT USA

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MONDAY, JUNE 27

1:20PM - 2:50PM

SYMPOSIUM

REGENCY R

MEASUREMENT AND INTERVENTION DEVELOPMENT FOR PEER-BASED BYSTANDER INTERVENTION
ORGANIZERS: NANCY BARNETT and MICHELLE HAIKALIS
CHAIR: NANCY BARNETT

- 1:20PM-1:25PM INTRODUCTION
Nancy Barnett, Brown University School of Public Health, Providence RI USA
- 1:25PM-1:43PM SYSTEMATIC REVIEW OF MEASURES OF BYSTANDER-RELATED CONSTRUCTS
Annelise Mennicke, University of North Carolina at Charlotte, Charlotte NC USA
- 1:43PM-2:01PM DEVELOPMENT AND INITIAL VALIDATION OF A BATTERY OF MEASURES FOR ALCOHOL-RELATED BYSTANDER INTERVENTION
Matthew Meisel, Brown University, Providence RI USA
- 2:01PM-2:19PM STAND BY ME: DEVELOPMENT AND TESTING OF A FRIEND-BASED BYSTANDER MOTIVATIONAL INTERVENTION TO REDUCE ALCOHOL-INVOLVED SEXUAL ASSAULT RISK
Jennifer Read, State University of New York at Buffalo, Buffalo NY USA
- 2:19PM-2:37PM DEVELOPING A SOCIAL HELPING TRAINING TO REDUCE HAZARDOUS DRINKING AMONG COLLEGE STUDENTS
Michelle Haikalas, Brown University School of Public Health, Providence RI USA
- 2:37PM-2:50PM DISCUSSANT / QUESTION MODERATOR
Lindsay Ham, University of Arkansas, Fayetteville AR USA

1:20PM - 2:50PM

SYMPOSIUM

REGENCY S

STATE AND LOCAL CANNABIS REGULATORY POLICIES, RETAIL AVAILABILITY, AND ALCOHOL USE AND CO-USE WITH CANNABIS
ORGANIZER / CHAIR: MALLIE J. PASCHALL

- 1:20PM-1:25PM INTRODUCTION
Mallie Paschall, Prevention Research Center, Berkeley CA USA
- 1:25PM-1:43PM EFFECTS OF STATE CANNABIS POLICIES ON ALCOHOL USE BEHAVIORS
Rosalie Pacula, University of Southern California, Los Angeles CA USA
- 1:43PM-2:01PM RECREATIONAL MARIJUANA LEGALIZATION AND ADOLESCENT'S MARIJUANA AND ALCOHOL CO-USE: DIFFERENTIAL EFFECTS AMONG RACIAL AND ETHNIC GROUPS
Grisel Garcia-Ramirez, Pacific Institute for Research and Evaluation, Berkeley CA USA
- 2:01PM-2:19PM RECREATIONAL MARIJUANA LEGISLATION (RML), COMMERCIAL AVAILABILITY AND CO-USE OF ALCOHOL AND MARIJUANA AMONG CALIFORNIA HIGH SCHOOL STUDENTS
Sharon O'Hara, Pacific Institute for Research and Evaluation (PIRE), El Cerrito CA USA
- 2:19PM-2:37PM ASSESSING AND TRAINING RECREATIONAL CANNABIS STORE PERSONNEL IN RESPONSIBLE VENDOR PRACTICES
David Buller, Klein Buendel, Inc., Golden CO USA
- 2:37PM-2:50PM DISCUSSANT / QUESTION MODERATOR
Mike Hilton, NIAAA, Bethesda MD USA

MONDAY, JUNE 27

1:20PM - 2:50PM

ROUNDTABLE

REGENCY T

**THE PAST, PRESENT, AND FUTURE OF STUDYING THE AFFECT-ALCOHOL USE ASSOCIATION IN INTENSIVE
LONGITUDINAL DATA: A FRIENDLY DEBATE AMONG COLLABORATORS**

ORGANIZER: JONAS DORA

CHAIR: KEVIN KING

1:20PM-1:25PM

INTRODUCTION

Jonas Dora, University of Washington, Seattle WA USA

1:25PM-2:25PM

PANELISTS:

THE DAILY ASSOCIATION BETWEEN AFFECT AND ALCOHOL USE: A META-ANALYSIS OF INDIVIDUAL PARTICIPANT DATA

Jonas Dora, University of Washington, Seattle WA USA

MOOD AND MOTIVES CAN'T BE MEASURED IN THE MOMENT: WHERE DO WE GO FROM HERE?

Andrea Howard, Carleton University, Ottawa Ontario Canada

CONTEXT MATTERS: NEGATIVE REINFORCEMENT MODELS AND COMPOUND COMMUNITY TRAUMA

Andrea Hussong, University of North Carolina at Chapel Hill, Chapel Hill NC USA

LET'S LOOK AT DRINKING MOTIVES AND MOOD OUTCOMES AMONG THOSE FOR WHOM IT MATTERS THE MOST

Tracy Simpson, University of Washington, Seattle WA USA

IMPROVING AFFECT REGULATION MODELS OF ALCOHOL BY STUDYING THE INDIVIDUAL: AN IDIOGRAPHIC PERSPECTIVE

Marilyn Piccirillo, University of Washington, Seattle WA USA

PROBLEMATIZING THE "DEFINITIVE" META-ANALYSIS: STRENGTHS AND LIMITATIONS OF THE METHOD

Catharine Fairbairn, University of Illinois Urbana-Champaign, Champaign IL USA

2:25PM-2:50PM

OPEN DISCUSSION MODERATOR

Kevin King, University of Washington, Seattle WA USA

1:20PM - 2:50PM

SYMPOSIUM

REGENCY U

NOVEL APPROACHES TARGETING ALCOHOL METABOLISM TO TREAT ALCOHOL USE DISORDER (INT)

ORGANIZERS: STEPHANIE S. O'MALLEY and LORENZO LEGGIO

CHAIR: STEPHANIE O'MALLEY

1:20PM-1:25PM

INTRODUCTION

Stephanie O'Malley, Yale School of Medicine, New Haven CT USA

1:25PM-1:43PM

TARGETING LIVER ETHANOL METABOLIZING ENZYMES FOR THE TREATMENT OF ALCOHOL USE DISORDERS

Bin Gao, NIAAA/NIH, Bethesda MD USA

1:43PM-2:01PM

FIRST-IN-HUMAN CLINICAL TRIAL OF DCR-AUD: EVALUATION OF siRNA KNOCKDOWN OF HEPATIC ACETALDEHYDE DEHYDROGENASE 2 (ALDH2) USING A NOVEL BIOANALYTIC ASSAY

John Hanrahan, Dicerna Pharmaceuticals, Lexington MA USA

2:01PM-2:19PM

A PHASE 2 HUMAN LABORATORY AND OUTPATIENT CLINICAL TRIAL OF ANS-6637, A SPECIFIC INHIBITOR OF ALDH2, IN TREATMENT-SEEKING INDIVIDUALS WITH AUD

Stephanie O'Malley, Yale School of Medicine, New Haven CT USA

2:19PM-2:37PM

PHARMACOLOGICAL APPROACHES TO REDUCE ALCOHOL CYTOTOXIC EFFECTS: PRELIMINARY DATA FROM A RANDOMIZED CONTROLLED TRIAL WITH METADOXINE

Roberta Perciballi, Brown University, Providence RI USA

2:37PM-2:50PM

DISCUSSANT / QUESTION MODERATOR

Lorenzo Leggio, NIH/NIDA/NIAAA, Baltimore MD USA

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MONDAY, JUNE 27

2:50PM - 3:10PM

COFFEE BREAK

REGENCY ROTUNDA

3:10PM - 4:40PM

ENOCH GORDIS RESEARCH RECOGNITION AWARDS PAPER SESSION - POST-DOCS

REGENCY O

Organized by the Education Committee

3:10PM-3:15PM

MODERATOR

Jennifer Merrill, Brown University, Providence RI USA

3:15PM-3:29PM

SEX SPECIFIC REGULATION OF BINGE ALCOHOL CONSUMPTION AND NEGATIVE EMOTIONAL STATES BY SUBCORTICAL SEROTONIN 5HT_{2C} RECEPTORS

Meghan Flanigan, University of North Carolina School of Medicine, Chapel Hill NC USA

3:29PM-3:43PM

MULTIDISCIPLINARY ASSESSMENT OF TARP γ -8 AS A NOVEL MECHANISM OF ALCOHOL SELF-ADMINISTRATION

Jessica Hoffman, University of North Carolina School of Medicine, Chapel Hill NC USA

3:43PM-3:57PM

CENTRAL EXECUTIVE NETWORK RESTING-STATE FUNCTIONAL CONNECTIVITY PREDICTS CHANGES IN ALCOHOL USE DURING EMERGING ADULTHOOD: A PROSPECTIVE STUDY

Laura Lesnewich, VA New Jersey Health Care System, East Orange NJ USA

3:57PM-4:11PM

SINGLE-CELL MULTIOMICS REVEAL HEPATOCYTE TRANSCRIPTOME AND REGULATORY NETWORK ZONATION UNDERLYING ALCOHOL-INDUCED LIVER STEATOSIS

Tejasav Sehwat, Mayo Clinic, Rochester MN USA

4:11PM-4:25PM

DRINKING PATTERNS INFLUENCE CHANGES IN DRINK-REFUSAL SELF EFFICACY FOR DWI OFFENDERS: EVIDENCE FROM A CONTINGENCY MANAGEMENT STUDY

Erin Wood, University of Texas HSC, San Antonio TX USA

4:25PM-4:39PM

CONTEXTUAL INFLUENCES ON SEXUAL ASSAULT PROTECTIVE BEHAVIORAL STRATEGY USE: EVENT-LEVEL ASSOCIATIONS OF PERSONAL ALCOHOL USE AND RISKY INTERPERSONAL ENVIRONMENTS

Michelle Zaso, State University of New York at Buffalo, Buffalo NY USA

3:10PM - 4:40PM

SYMPOSIUM

REGENCY P

CRITICAL CONTRIBUTION OF BRAIN ELECTROPHYSIOLOGY TO UNDERSTAND ALCOHOL USE DISORDER, RISK AND RECOVERY (INT)

ORGANIZERS: CHELLA KAMARAJAN and ASHWINI K. PANDEY (SUNY Downstate Health Sciences University, Brooklyn NY USA)

CHAIR: BERNICE PORJESZ

3:10PM-3:15PM

INTRODUCTION

Bernice Porjesz, SUNY Downstate Health Sciences University, Brooklyn NY USA

3:15PM-3:33PM

EVENT-RELATED POTENTIALS AND CORTICAL MORPHOLOGY, EPIGENETIC AND EARLY LIFE EXPERIENCE ASSOCIATED WITH RISK FOR DEVELOPING ALCOHOL USE DISORDER

Shirley Hill, University of Pittsburgh School of Medicine, Pittsburgh PA USA

3:33PM-3:51PM

ALCOHOL-INDUCED CHANGES IN OSCILLATORY DYNAMICS OF COGNITIVE CONTROL AND RESPONSE INHIBITION AS A FUNCTION OF A FAMILY HISTORY OF ALCOHOLISM

Ksenija Marinkovic, San Diego State University, San Diego CA USA

3:51PM-4:09PM

PREDICTION OF ALCOHOL-RELATED MEMORY PROBLEMS IN OLDER ADULTS USING EEG FUNCTIONAL CONNECTIVITY, POLYGENIC SCORES, PERSONALITY, AND CLINICAL MEASURES

Chella Kamarajan, SUNY Downstate Health Sciences University, Brooklyn NY USA

4:09PM-4:27PM

EEG NEUROFEEDBACK TO CHANGE ADDICTION-RELATED BRAIN NETWORKS

George Fein, Neurobehavioral Research Inc, Kihei HI USA

4:27PM-4:40PM

DISCUSSANT / QUESTION MODERATOR

Chella Kamarajan, SUNY Downstate Health Sciences University, Brooklyn NY USA

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MONDAY, JUNE 27

3:10PM - 4:40PM

SYMPOSIUM

REGENCY Q

**EXTRACELLULAR VESICLES IN ALCOHOL USE DISORDER: EFFECTS ON THE NEUROIMMUNE SYSTEM
ORGANIZER / CHAIR: DIPAK K. SARKAR**

- 3:10PM-3:15PM INTRODUCTION
Dipak Sarkar, Rutgers, State University of New Jersey, New Brunswick NJ USA
- 3:15PM-3:33PM ROLE OF EXOSOME IN NEUROIMMUNE INTERACTION WITHIN THE HYPOTHALAMUS FOLLOWING ETHANOL EXPOSURES DURING THE DEVELOPMENTAL PERIOD
Dipak Sarkar, Rutgers, State University of New Jersey, New Brunswick NJ USA
- 3:33PM-3:51PM ETHANOL-INDUCED EXTRACELLULAR VESICLES INHIBIT HIPPOCAMPAL NEUROGENESIS THROUGH INDUCTION OF G9A-MEDIATED EPIGENETIC SILENCING
Leon Coleman, UNC Chapel Hill, Bowles Center for Alcohol Studies, Chapel Hill NC USA
- 3:51PM-4:09PM ETHANOL EFFECTS ON THE PROTEOMIC DIVERSITY OF FETAL NEURAL STEM CELL AND THEIR EXTRACELLULAR VESICLES
Dae Chung, Texas A&M University Health Science Center, Bryan TX USA
- 4:09PM-4:27PM EXTRACELLULAR VESICLES IN ALCOHOL-HIV INTERACTIONS AND POTENTIAL ROLE OF EVS IN DRUG DELIVERY FOR THE TREATMENT OF ALCOHOL-INDUCED HIV PATHOGENESIS
Santosh Kumar, University of Tennessee Health Science Center, Memphis TN USA
- 4:27PM-4:40PM DISCUSSANT / QUESTION MODERATOR
Fulton Crews, UNC Chapel Hill, Bowles Center for Alcohol Studies, Chapel Hill NC USA

3:10PM - 4:40PM

SYMPOSIUM

REGENCY R

**GENETIC AND NEUROCOGNITIVE CONTRIBUTIONS TO THE RELATIONSHIP BETWEEN ALCOHOL USE
OR PROBLEMS AND SUICIDAL OUTCOMES
ORGANIZERS: ALEXIS C. EDWARDS and EMMA C. JOHNSON
CHAIR: ALEXIS C. EDWARDS**

- 3:10PM-3:15PM INTRODUCTION
Alexis Edwards, Virginia Commonwealth University, Richmond VA USA
- 3:15PM-3:33PM GENOME-WIDE STUDY OF MAXIMUM HABITUAL ALCOHOL INTAKE (MAXALC) AND SHARED GENETIC INFLUENCES ON ALCOHOL TRAITS, PSYCHOPATHOLOGY, AND SUICIDE BEHAVIOR
Joseph Deak, Yale School of Medicine, New Haven CT USA
- 3:33PM-3:51PM CROSS-DISORDER GENOME-WIDE ANALYSES OF PROBLEMATIC ALCOHOL USE AND SUICIDE ATTEMPT REVEAL SHARED RISK LOCI AND GENES
Sarah Colbert, Washington University School of Medicine in St. Louis, St. Louis MO USA
- 3:51PM-4:09PM GENOMIC AND NEUROCOGNITIVE INFLUENCES ON SUICIDE ATTEMPTS AMONG INDIVIDUALS WITH ALCOHOL DEPENDENCE
Jacquelyn Meyers, State University of New York, Downstate Medical Center, Brooklyn NY USA
- 4:09PM-4:27PM EVALUATING THE ROLE OF AGGREGATE GENETIC LIABILITY TO ALCOHOL USE DISORDER IN RISK FOR DEATH OF UNDETERMINED INTENT VERSUS UNAMBIGUOUS SUICIDE DEATH
Alexis Edwards, Virginia Commonwealth University, Richmond VA USA
- 4:27PM-4:40PM DISCUSSANT / QUESTION MODERATOR
Emma Johnson, Washington University School of Medicine, St. Louis MO USA

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MONDAY, JUNE 27

3:10PM - 4:40PM

SYMPOSIUM

REGENCY S

RIDEHAILING, ALCOHOL USE, AND ALCOHOL-RELATED HARM
ORGANIZER: CHRISTOPHER MORRISON
CHAIR: ARIANA GOBAUD (Columbia University, New York NY USA)

- 3:10PM-3:15PM INTRODUCTION
Christopher Morrison, Columbia University, New York NY USA
- 3:15PM-3:33PM IMPACTS OF RIDEHAILING ON ALCOHOL-IMPAIRED DRIVING: A DECADE OF DISRUPTION
Christopher Morrison, Columbia University, New York NY USA
- 3:33PM-3:51PM SUBSIDIZED RIDEHAILING AS A STRATEGY TO REDUCE ALCOHOL-IMPAIRED DRIVING
David Humphreys, University of Oxford, Oxford Oxfordshire United Kingdom
- 3:51PM-4:09PM RIDEHAILING AND SPATIAL ACCESS TO ALCOHOL-SERVING ESTABLISHMENTS
Noli Brazil, University of California, Davis, Davis CA USA
- 4:09PM-4:27PM RIDESHARING AND ALCOHOL-RELATED ASSAULTS IN NYC: A SPATIAL ECOLOGICAL CASE-CROSSOVER STUDY
Christina Mehranbod, Columbia University Mailman School of Public Health, New York NY USA
- 4:27PM-4:40PM DISCUSSANT / QUESTION MODERATOR
Mallie Paschall, Prevention Research Center, Berkeley CA USA

3:10PM - 4:40PM

SYMPOSIUM

REGENCY T

**MEDICATION DEVELOPMENT FOR ADOLESCENT AND YOUNG ADULT ALCOHOL
AND OTHER SUBSTANCE USE DISORDERS (INT)**
ORGANIZERS / CHAIRS: LINDSAY M. SQUEGLIA and ANNA E. KIRKLAND

- 3:10PM-3:15PM INTRODUCTION
Lindsay Squeglia, Medical University of South Carolina, Charleston SC USA
- 3:15PM-3:33PM N-ACETYLCYSTEINE FOR TREATING ADOLESCENT ALCOHOL USE
Anna Kirkland, Medical University of South Carolina, Charleston SC USA
- 3:33PM-3:51PM NALTREXONE FOR TREATING ADOLESCENT ALCOHOL USE
Samuel Meisel, Brown University, Providence RI USA
- 3:51PM-4:09PM TOPIRAMATE FOR TREATING ADOLESCENT/YOUNG ADULT ALCOHOL USE
Tiffany Jenzer, Center for Alcohol and Addiction studies, North Providence RI USA
- 4:09PM-4:27PM VARENICLINE FOR TREATING ADOLESCENT CO-OCCURRING TOBACCO AND ALCOHOL USE
Kevin Gray, Medical University of South Carolina, Charleston SC USA
- 4:27PM-4:40PM DISCUSSANT / QUESTION MODERATOR
Robert Miranda, Brown University, Providence RI USA

MONDAY, JUNE 27

3:10PM - 4:40PM

WORKSHOP

REGENCY U

RECENT ADVANCES IN ETHANOL PHARMACOKINETICS: FROM THE GUT TO THE BRAIN (INT)
ORGANIZERS / CHAIRS: M. YANINA PEPINO and MARTIN PLawecki

3:10PM-3:15PM

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

3:15PM-3:35PM

LEARNING FROM SLEEVE GASTRECTOMY ABOUT THE SITE OF ALCOHOL FIRST-PASS METABOLISM IN WOMEN
M. Yanina Pepino, University of Illinois at Urbana Champaign, Urbana IL USA

3:35PM-3:55PM

CEREBRAL OXIDATION OF ETHANOL IS SIMILAR IN RATS AND HUMANS AND RISES WITH HEAVY ALCOHOL CONSUMPTION
Graeme Mason, Yale University School of Medicine, New Haven CT USA

3:55PM-4:15PM

COGNITIVE FUNCTION AND BRAIN ALTERATION IN RESPONSE TO ALCOHOL AND ACETALDEHYDE: FINDINGS FROM AN ALCOHOL CLAMP STUDY IN HEALTHY YOUNG ADULTS
Fumihiko Ueno, Centre for Addiction and Mental Health, Toronto Ontario Canada

4:15PM-4:40PM

OPEN DISCUSSION MODERATOR
Martin Plawecki, Indiana University School of Medicine, Indianapolis IN USA

4:50PM - 6:50PM

POSTER SESSION II

WINDERMERE Y-Z

POSTER NUMBERS: 1-234 / ABSTRACT NUMBERS: 234-467

Two 1-hour manning periods - Odd Numbers = first hour; Even Numbers = second hour
(light refreshments)

6:30PM-7:30PM

1ST ANNUAL RSA COMMUNITY FORUM FOR DIVERSITY, EQUITY, & INCLUSION
Organized by the RSA Diversity Committee; RSVP ticket required

REGENCY U

TUESDAY, JUNE 28

6:30AM - 8:00AM

CONTINENTAL BREAKFAST - Name Badge Required.

REGENCY ROTUNDA

7:30AM - 5:15PM

RSA REGISTRATION DESK - Open

REGENCY R-S

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TUESDAY, JUNE 28

8:00AM - 8:25AM

PLENARY SESSION III - 2020 RSA EARLY CAREER INVESTIGATOR AWARD RECIPIENT

REGENCY R-5

DRINKING TO BELONG: PLACING THE STUDY OF ALCOHOL REWARD AND ADDICTION RISK IN SOCIAL CONTEXT

Catharine Fairbairn, Ph.D., Helen Corley Petit Associate Professor, Department of Psychology,
University of Illinois at Urbana-Champaign, Champaign IL

Humans are fundamentally social beings. Regardless of their nationality, age, and problem drinking status, people mainly consume alcohol in the company of other people. Yet, in seeking to understand alcohol's basic reinforcing properties, scientists have overwhelmingly studied the solitary rather than the social drinker. Thus, research exploring the acute rewarding effects of consuming alcohol—rewards that can so often drive the decision to take the next drink—provides little insight on social elements of alcohol reinforcement. To address this gap, I describe a program of research aimed at deepening our basic understanding of alcohol's social rewards. Leveraging novel methodological tools spanning from computer-vision to statistical techniques capable of capturing emotionally “contagious” processes, this program of work touches on questions of enduring interest to alcohol researchers including why alcohol leads to reward (underlying mechanisms), who is particularly vulnerable to alcohol-related reward (individual differences), and finally where alcohol's rewards are most potent (social-contextual moderators).

Catharine Fairbairn is the Helen Corley Petit Associate Professor in the department of psychology at the University of Illinois at Urbana-Champaign. Her doctoral training in clinical-health psychology spanned multiple disciplines ranging from social psychology to biostatistics, a transdisciplinary perspective that has expanded through her years as an independent investigator to encompass fields ranging from machine learning to social neuroscience. In recognition of her alcohol research, she was named a Rising Star by the Association for Psychological Science, a Lincoln Excellence Assistant Professor at the University of Illinois, and was the 2020 recipient of the Early Career Investigator award from the Research Society on Alcoholism. She has also built her program of work while managing a major visual disability, an element she shares in hopes that we might develop a sense of possibility and belongingness among trainees from a range of backgrounds.

8:30AM - 8:55AM

PLENARY SESSION III - 2021 RSA EARLY CAREER INVESTIGATOR AWARD RECIPIENT

REGENCY R-5

THEORY TO LIFE: TRANSLATING ALCOHOL SCIENCE FROM THE LAB, TO THE REAL WORLD, AND OVER TIME

Hayley Treloar Padovano, Ph.D., Assistant Professor of Psychiatry and Human Behavior, Assistant Professor of Behavioral and Social Sciences, Center for Alcohol and Addiction Studies, Brown University, Providence, RI

Leading theories in alcohol science suggest that repeated alcohol use alters how we respond to and think about alcohol. My work aims to capture core mechanisms of alcohol (and other drug) use disorder, such as sensitization to subjective effects and cues, as well as expectations of effects, in the settings (e.g., environment, age) where and when these processes occur. I will present a combination of laboratory, ecological, and longitudinal data to support key theoretical markers of disorder development, progression, and recovery. Data sources span young adolescents who have not yet used alcohol to adults who have used alcohol for many years. Decades of evidence from preclinical, human laboratory, and cross-sectional research is newly supported by studies that move from the lab, to the real world, and over time. Understanding mechanistic effects of early, repeated, and reduced alcohol use across age and setting holds substantial relevance for our nation's health.

Dr. Treloar Padovano is an Assistant Professor of Psychiatry and Human Behavior and Assistant Professor of Behavioral and Social Sciences at Brown University. She is a member of the training faculty for the Center for Alcohol and Addiction Studies and project leader for the Center for Addiction and Disease Risk Exacerbation, a COBRE Center of Excellence. She completed her graduate work in clinical psychology at the University of Missouri in 2014. Dr. Treloar Padovano is a licensed clinical psychologist who studies the development and treatment of alcohol (and other drug) use disorders. Her work pairs laboratory and ecological assessments at critical points of disorder progression and recovery.

8:45AM - 9:15AM

COFFEE BREAK

REGENCY ROTUNDA

TUESDAY, JUNE 28

9:15AM - 10:45AM

SYMPOSIUM

REGENCY O

**BRAIN OXYTOCIN SYSTEM AS A TARGET FOR TREATMENT OF ALCOHOL USE DISORDER
ORGANIZER / CHAIR: ANDREY RYABININ**

- 9:15AM-9:20AM INTRODUCTION
Andrey Ryabinin, Oregon Health and Science University, Portland OR USA
- 9:20AM-9:38AM VASOPRESSIN AND OXYTOCIN EXPRESSION IN THE AMYGDALA CORRELATES WITH STRESS-INDUCED COMORBID ESCALATED ALCOHOL INTAKE AND ANXIETY-LIKE BEHAVIOR
Estelle Barbier, Center for Social and Affective Neuroscience, Linköping NA Sweden
- 9:38AM-9:56AM A ROLE FOR AMYGDALA OXYTOCIN IN ALCOHOL-DEPENDENCE INDUCED ESCALATED ALCOHOL DRINKING IN RATS
Brendan Tunstall, University of Tennessee Health Science Center, Memphis TN USA
- 9:56AM-10:14AM OXYTOCIN SIGNALING IN THE CENTRAL AMYGDALA REGULATES ALCOHOL DRINKING AND STRESS-INDUCED RELAPSE-LIKE BEHAVIOR IN MICE
Howard Becker, Medical University of South Carolina, Charleston SC USA
- 10:14AM-10:32AM ENHANCING THE EFFICACY OF TARGETING OXYTOCIN RECEPTOR IN SOCIALLY-HOUSED RODENTS TO INHIBIT ALCOHOL CONSUMPTION
Andrey Ryabinin, Oregon Health and Science University, Portland OR USA
- 10:32AM-10:45AM DISCUSSANT / QUESTION MODERATOR
Lorenzo Leggio, NIH/NIDA/NIAAA, Baltimore MD USA

9:15AM - 10:45AM

SYMPOSIUM

REGENCY P

**ALCOHOL EFFECTS ON CYCLIC AMP SIGNALING IN CENTRAL AND PERIPHERAL ORGANS: NOVEL MECHANISMS AND THERAPEUTIC IMPLICATIONS
ORGANIZERS / CHAIRS: LEILA GOBEJISHVILI and LIANA ASATRYAN**

- 9:15AM-9:20AM INTRODUCTION
Leila Gobejishvili, University of Louisville, Louisville KY USA
- 9:20AM-9:38AM THE CYCLIC AMP SIGNALING CASCADE AND ALCOHOLISM
Boris Tabakoff, University of Colorado, Aurora CO USA
- 9:38AM-9:56AM PHARMACOLOGICAL AND GENETIC EVIDENCE OF A ROLE FOR PDE10A IN ALCOHOL USE
Eric Zorrilla, The Scripps Research Institute, San Diego CA USA
- 9:56AM-10:14AM CYCLIC AMP/PROTEIN KINASE C BIDIRECTIONAL REGULATION OF CILIARY BEAT IN THE ALCOHOL EXPOSOME
Todd Wyatt, University of Nebraska Medical Center, Omaha NE USA
- 10:14AM-10:32AM ETHANOL-INDUCED ALTERATIONS IN THE REGULATION OF HEPATOCELLULAR LIPID STORES
Mark McNiven, Mayo Clinic, Rochester MN USA
- 10:32AM-10:45AM DISCUSSANT / QUESTION MODERATOR
Craig McClain, University of Louisville, Louisville KY USA

TUESDAY, JUNE 28

9:15AM - 10:45AM

SYMPOSIUM

REGENCY Q

**RISK AND RESILIENCE FACTORS CONTRIBUTING TO FASD
ORGANIZERS / CHAIRS: AMANDA H. MAHNKE and SIARA ROUZER**

- 9:15AM-9:20AM INTRODUCTION
Amanda Mahnke, Texas A&M University Health Science Center, Bryan TX USA
- 9:20AM-9:38AM DEVELOPMENTAL TOXICITY OF DUAL PARENTAL ALCOHOL CONSUMPTION AND THE LONG-TERM EFFECTS ON OFFSPRING GROWTH, CRANIOFACIAL, AND NEUROLOGICAL DEVELOPMENT
Kara Thomas, Texas A&M University, College Station TX USA
- 9:38AM-9:56AM ALCOHOL CAUSES A METABOLIC MALADAPTATION OF MOTHER AND FETUS IN A MOUSE MODEL OF PRENATAL ALCOHOL EXPOSURE (PAE)
Nipun Saini, University of North Carolina at Chapel Hill, Kannapolis NC USA
- 9:56AM-10:14AM SIMULTANEOUS PRENATAL ALCOHOL AND CANNABINOID EXPOSURE DURING THE SECOND TRIMESTER INHIBITS NEURAL STEM CELL GROWTH AND FETAL-DIRECTED BLOOD FLOW.
Siara Rouzer, Texas A&M College of Medicine, Bryan TX USA
- 10:14AM-10:32AM EMBRYONIC ETHANOL EXPOSURE INDUCES ROS-MEDIATED DEFECTS IN nnt MUTANTS
Rayna Mazumdar, UT-Austin, Austin TX USA
- 10:32AM-10:45AM DISCUSSANT / QUESTION MODERATOR
Christie Petrenko, Mt Hope Family Center, University of Rochester, Rochester NY USA

9:15AM - 10:45AM

SYMPOSIUM

REGENCY R

**CHARACTERIZING HETEROGENEITY UNDERLYING ALCOHOL USE DISORDER USING
GENETICALLY-INFORMATIVE METHODS
ORGANIZER / CHAIR: FRANCES L. WANG**

- 9:15AM-9:20AM INTRODUCTION
Frances Wang, University of Pittsburgh, Pittsburgh PA USA
- 9:20AM-9:38AM PARSING GENETICALLY INFLUENCED RISK PATHWAYS: GENETIC LOCI IMPACT PROBLEMATIC ALCOHOL USE VIA EXTERNALIZING AND SPECIFIC RISK
Peter Barr, SUNY Downstate Health Sciences University, Brooklyn NY USA
- 9:38AM-9:56AM UNCOVERING GENETICALLY-DISTINCT ADOLESCENT PRECURSORS TO ALCOHOL USE DISORDER USING PRINCIPAL COMPONENTS OF HERITABILITY ANALYSIS
Frances Wang, University of Pittsburgh, Pittsburgh PA USA
- 9:56AM-10:14AM USING POLYGENIC RISK SCORES FOR EXTERNALIZING AND INTERNALIZING DISORDERS TO PARSE HETEROGENEITY WITHIN ALCOHOL USE DISORDER
Sarah Brislin, Virginia Commonwealth University, Richmond VA USA
- 10:14AM-10:32AM CHARACTERIZING THE PHENOTYPIC SPECTRUM ASSOCIATED WITH GENETIC LIABILITY FOR ALCOHOL-RELATED TRAITS
Rachel Kember, University of Pennsylvania Perelman School of Medicine, Philadelphia PA USA
- 10:32AM-10:45AM DISCUSSANT / QUESTION MODERATOR
Ian Gizer, University of Missouri, Columbia MO USA

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TUESDAY, JUNE 28

9:15AM - 10:45AM

SYMPOSIUM

REGENCY S

INTEGRATING LEGAL POLICY RESEARCH AND SOCIAL-BEHAVIORAL APPROACHES TO UNDERSTAND THE EFFECTS OF COVID-19 POLICIES ON ALCOHOL USE OUTCOMES
ORGANIZER / CHAIR: SHARON LIPPERMAN-KREDA
ORGANIZER: SUE THOMAS (PIRE, Berkeley CA USA)

- 9:15AM-9:20AM INTRODUCTION
Sharon Lipperman-Kreda, Prevention Research Center, PIRE, Berkeley CA USA
- 9:20AM-9:38AM THE CHALLENGES OF GATHERING LEGAL POLICY DATA IN THE AGE OF COVID-19
Ryan Treffers, PIRE, Morgan Hill CA USA
- 9:38AM-9:56AM FEASIBILITY OF USING CROWDSOURCED WEBSITE DATA TO MEASURE THE AVAILABILITY OF HOME DELIVERY OF LEGAL INTOXICANTS: A PILOT STUDY
Ellicott Matthay, NYU Grossman School of Medicine, New York NY USA
- 9:56AM-10:14AM THE PUBLIC HEALTH IMPLICATIONS OF EXPANDING U.S. ALCOHOL HOME DELIVERY LAWS
Elyse Grossman, Advancement Strategy Consulting, Columbia MD USA
- 10:14AM-10:32AM LONGITUDINAL ANALYSIS OF COVID-19 SHELTER-IN-PLACE AND REOPENING ORDERS ON ADOLESCENT ALCOHOL USE AND DRINKING CONTEXTS IN CALIFORNIA
Mary Kristina Wharton, PIRE / Univ. of California, Berkeley CA USA
- 10:32AM-10:45AM DISCUSSANT / QUESTION MODERATOR
William Wiczorek, Center for Health & Social Research, Buffalo NY USA

9:15AM - 10:45AM

SYMPOSIUM

REGENCY T

RECENT ADVANCES IN ALCOHOL-INDUCED BLACKOUT RESEARCH: PREVALENCE, CORRELATES, AND ASSESSMENT
ORGANIZER / CHAIR: CASSANDRA BONESS

- 9:15AM-9:20AM INTRODUCTION
Samuel Acuff, The University of Memphis, Memphis TN USA
- 9:20AM-9:38AM PREVALENCE AND CORRELATES OF BLACKOUT AMONG VETERANS
Mary Beth Miller, University of Missouri, Columbia MO USA
- 9:38AM-9:56AM EXAMINING ALCOHOL CONSUMPTION AND RELATED BLACKOUTS AMONGST COLLEGE STUDENTS OF STIGMATIZED IDENTITIES
Rose Marie Ward, Miami University, Oxford OH USA
- 9:56AM-10:14AM TRAJECTORIES OF ALCOHOL-INDUCED BLACKOUTS AMONG HEAVY DRINKING COLLEGE STUDENTS: BEHAVIORAL ECONOMIC RISK FACTORS IN EMERGING ADULTHOOD
Kevin Campbell, The University of Memphis, Memphis TN USA
- 10:14AM-10:32AM A MIXED METHODS APPROACH TO IMPROVE THE MEASUREMENT OF ALCOHOL-INDUCED BLACKOUT: ABOM-2
Cassandra Boness, University of New Mexico, Albuquerque NM USA
- 10:32AM-10:45AM DISCUSSANT / QUESTION MODERATOR
Jennifer Merrill, Brown University, West Warwick RI USA

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TUESDAY, JUNE 28

9:15AM - 10:45AM

SYMPOSIUM

REGENCY U

PERSONALIZING DIGITAL ALCOHOL INTERVENTIONS TO OPTIMIZE EFFECTIVENESS
ORGANIZERS / CHAIRS: BRIAN SUFFOLETTO (Stanford University, Palo Alto CA USA) and TAMMY CHUNG

- 9:15AM-9:20AM INTRODUCTION
Tammy Chung, Rutgers University, New Brunswick NJ
- 9:20AM-9:38AM ADAPTIVE INTERVENTIONS FOR ALCOHOL USE AND VIOLENCE AMONG YOUTH IN THE EMERGENCY DEPARTMENT: A SMART STUDY
Maureen Walton, University of Michigan, Ann Arbor MI USA
- 9:38AM-9:56AM ALL THE PARENTS ARE DOING IT: NORMATIVE FEEDBACK INCREASES THE IMPACT OF A PARENT APP TO REDUCE COLLEGE STUDENT DRINKING
Joseph LaBrie, Loyola Marymount University, Los Angeles CA USA
- 9:56AM-10:14AM IDENTIFYING LINKS BETWEEN DRINKING BEHAVIOR AND TRAVEL PATTERN TO INFORM PERSONALIZED DIGITAL ALCOHOL INTERVENTION
Sang Won Bae, Stevens Institute of Technology, Hoboken NJ USA
- 10:14AM-10:32AM EFFICACY OF A TEXT MESSAGING INTERVENTION TO REDUCE HAZARDOUS DRINKING FOR ADULTS 50 AND OLDER COMPARED TO YOUNGER COUNTERPARTS
Alexis Kuerbis, Hunter College, New York NY USA
- 10:32AM-10:45AM DISCUSSANT / QUESTION MODERATOR
Kate Carey, Brown University School of Public Health, Providence RI USA

11:00AM - 1:00PM **NIAAA-SUPPORTED RESEARCH: A GRANTSMANSHIP WORKSHOP - Open** REGENCY R
Organized by the RSA Education Committee
Everyone Welcome - Light Lunch available for those who have an RSVP ticket

11:00AM - 1:00PM **ANIMAL RESEARCH AND ETHICS COMMITTEE WORKSHOP - Open** REGENCY O
Everyone Welcome - Light Lunch available for those who have an RSVP ticket

11:00AM - 1:00PM **ACER: ALCOHOLISM: CLINICAL AND EXPERIMENTAL RESEARCH - Closed** CELEBRATION 14-15
Board of Field Editors Meeting / Luncheon

1:20PM - 2:50PM

SYMPOSIUM

REGENCY O

PATHOGENIC ROLE OF NON-PARENCHYMAL LIVER CELLS IN ALCOHOL-ASSOCIATED LIVER DISEASE (ALD) OF INFECTIOUS AND NON-INFECTIOUS ORIGIN
ORGANIZERS / CHAIRS: NATALIA OSNA and KUSUM KHARBANDA (Research Service VA Nebraska, Omaha NE USA)

- 1:20PM-1:25PM INTRODUCTION
Natalia Osna, University of Nebraska Medical Center, Omaha NE USA
- 1:25PM-1:43PM MACROPHAGE REPLACEMENT AS A DRIVER OF ALCOHOL-ASSOCIATED LIVER INJURY
Steven Weinman, University of Kansas Medical Center, Kansas City KS USA
- 1:43PM-2:01PM ALCOHOL-ASSOCIATED FIBROSIS IN FEMALES IS MEDIATED BY GENDER SPECIFIC ACTIVATION OF LYSINE DEMETHYLASES KDM5B AND KDM5C
Irina Tikhanovich, University of Kansas Medical Center, Kansas City KS USA
- 2:01PM-2:19PM THE ROLE OF ETHANOL IN THE CROSSTALK BETWEEN HEPATOCYTE AND HEPATIC STELLATE CELLS (HSC) TO FACILITATE LIVER FIBROSIS PROGRESSION
Moses New-Aaron, University of Nebraska Medical Center, Omaha NE USA
- 2:19PM-2:37PM THE ROLE OF T-CELLS IN THE IMMUNOPATHOGENESIS OF ArLD
Shilpa Chokshi, Foundation for Liver Research and Institute of Hepatology, London London United Kingdom
- 2:37PM-2:50PM DISCUSSANT / QUESTION MODERATOR
Pranoti Mandrekar, University of Massachusetts Medical Center, Worcester MA USA

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TUESDAY, JUNE 28

1:20PM - 2:50PM

SYMPOSIUM

REGENCY P

IMPACT OF PRENATAL ETHANOL EXPOSURE ON MICROVASCULAR DEVELOPMENT AND BRAIN FUNCTION
ORGANIZER: DANIEL SAVAGE
CHAIRS: DANIEL SAVAGE and BRUNO GONZALEZ

- 1:20PM-1:25PM INTRODUCTION
Daniel Savage, University of New Mexico, Albuquerque NM USA
- 1:25PM-1:43PM MOLECULAR MECHANISMS OF ALCOHOL-DRIVEN MODIFICATIONS IN FETAL BRAIN PERFUSION
Anna Bukiya, University of Tennessee HSC, Memphis TN USA
- 1:43PM-2:01PM VASCULAR STRUCTURE AND INTEGRITY ARE ADVERSELY ALTERED IN THE CORTEX DURING PRENATAL ALCOHOL EXPOSURE
Amy Gardiner, University of New Mexico, Albuquerque NM USA
- 2:01PM-2:19PM PRENATAL ALCOHOL EXPOSURE IMPAIRS ENDOTHELIAL CELL ACTIVITY AND THE VESSEL-ASSOCIATED MIGRATION OF CORTICAL INTERNEURONS, A TRANSLATIONAL APPROACH
Bruno Gonzalez, Inserm - Rouen University, Rouen Normandy France
- 2:19PM-2:37PM RESPONSES OF CEREBRAL RESISTANCE ARTERIOLES FOLLOWING EXPOSURE TO PRENATAL ALCOHOL
Partha Saha, University of South Dakota, Vermillion SD USA
- 2:37PM-2:50PM DISCUSSANT / QUESTION MODERATOR
Daniel Savage, University of New Mexico, Albuquerque NM USA

1:20PM - 2:50PM

SYMPOSIUM

REGENCY Q

NOT SO NONSPECIFIC: MIDLINE THALAMIC NUCLEI AND THEIR CONNECTIONS WITH ADDICTIVE BEHAVIOR
ORGANIZERS / CHAIRS: JENNIFER RINKER and MICHAEL SALLING

- 1:20PM-1:25PM INTRODUCTION
Jennifer Rinker, Medical University of South Carolina, Charleston SC USA
- 1:25PM-1:43PM ROLE OF PITUITARY ADENYLATE CYCLASE-ACTIVATING POLYPEPTIDE (PACAP) IN THE THALAMIC PARAVENTRICULAR NUCLEUS IN ETHANOL DRINKING AND AFFECTIVE BEHAVIOR
Jessica Barson, Drexel University College of Medicine, Philadelphia PA USA
- 1:43PM-2:01PM SEX-DEPENDENT ENCODING OF VALENCE AND SALIENCE BY CONVERGING MIDLINE THALAMUS CIRCUITS
Kristen Pleil, Weill Cornell Medicine, Cornell University, New York NY USA
- 2:01PM-2:19PM ACTIVATION OF THALAMIC INPUTS TO THE DORSOMEDIAL STRIATUM SUPPORTS REINFORCEMENT LEARNING AND PLACE PREFERENCE
Kari Johnson, Uniformed Services University, Bethesda MD USA
- 2:19PM-2:37PM MEDIODORSAL THALAMIC NUCLEI CONNECTIVITY WITH THE FRONTAL CORTEX IS SUSCEPTIBLE TO BINGE-LIKE ALCOHOL DRINKING IN A SEX- AND AGE-DEPENDENT MANNER
Michael Salling, LSU Health Sciences Center, New Orleans LA USA
- 2:37PM-2:50PM DISCUSSANT / QUESTION MODERATOR
Candice Contet, The Scripps Research Institute, La Jolla CA USA

TUESDAY, JUNE 28

1:20PM - 2:50PM

SYMPOSIUM

REGENCY R

**ASSOCIATIONS AMONG ALCOHOL USE AND SELF- AND OTHER-DIRECTED VIOLENCE AMONG
SEXUAL AND GENDER MINORITIES (DIT)**

**ORGANIZERS: CAITLIN WOLFORD-CLEVINGER and MEAGAN BREM
CHAIR: CAITLIN WOLFORD-CLEVINGER**

- 1:20PM-1:25PM INTRODUCTION
Caitlin Wolford-Clevenger, University of Alabama at Birmingham, Birmingham AL USA
- 1:25PM-1:43PM PROXIMAL ASSOCIATIONS BETWEEN ALCOHOL USE & PSYCHOLOGICAL PARTNER ABUSE AMONG COLLEGE STUDENTS OF DIVERSE SEXUAL ORIENTATIONS & GENDER IDENTITIES
Meagan Brem, Virginia Polytechnic Institute and State University, Blacksburg VA USA
- 1:43PM-2:01PM MISPERCEPTIONS OF ALCOHOL NORMS AS PREDICTORS OF ALCOHOL USE AND DATING VIOLENCE PERPETRATION AMONG SEXUAL AND GENDER MINORITY YOUTH
Katie Edwards, University of Nebraska Lincoln, Lincoln NE USA
- 2:01PM-2:19PM THE CONDITIONAL ASSOCIATION BETWEEN STRESS AND ALCOHOL USE ON NONSUICIDAL SELF-INJURY AMONG TRANSGENDER AND GENDER DIVERSE ADULTS
Caitlin Wolford-Clevenger, University of Alabama at Birmingham, Birmingham AL USA
- 2:19PM-2:37PM COVID-SPECIFIC IPV AND HAZARDOUS DRINKING AMONG LGBTQ+ STUDENTS
Heather Littleton, University of Colorado - Colorado Springs, Colorado Springs CO USA
- 2:37PM-2:50PM DISCUSSANT / QUESTION MODERATOR
Caitlin Wolford-Clevenger, University of Alabama at Birmingham, Birmingham AL USA

1:20PM - 2:50PM

SYMPOSIUM

REGENCY S

**SLEEP AND ALCOHOL USE ASSOCIATIONS AMONG CHILDREN, YOUTH, AND YOUNG ADULTS:
INSIGHTS FROM MULTI-METHOD RESEARCH
ORGANIZERS / CHAIRS: LISA FUCITO and AESOON PARK**

- 1:20PM-1:25PM INTRODUCTION
Aesoon Park, Syracuse University, Syracuse NY USA
- 1:25PM-1:43PM A COMPARISON OF SUBJECTIVE AND OBJECTIVE SLEEP MEASURES AMONG CHILDREN WITH A PARENTAL HISTORY OF ALCOHOLISM
Maria Wong, Idaho State University, Pocatello ID USA
- 1:43PM-2:01PM PRE-PANDEMIC CIRCADIAN PHASE PREDICTS PANDEMIC SLEEP, DEPRESSION, AND ALCOHOL USE AMONG ADOLESCENTS
Brant Hasler, University of Pittsburgh School of Medicine, Pittsburgh PA USA
- 2:01PM-2:19PM ALCOHOL AND CANNABIS SLEEP AID USE IN DAILY COLLEGE LIFE: AN INTENSIVE LONGITUDINAL ASSESSMENT APPROACH
Patricia Goodhines, Syracuse University, Providence RI USA
- 2:19PM-2:37PM A MULTIMODAL MOBILE SLEEP INTERVENTION TO REDUCE DRINKING AND ALCOHOL-RELATED HARM AMONG HEAVY-DRINKING YOUNG ADULTS
Lisa Fucito, Yale University School of Medicine, New Haven CT USA
- 2:37PM-2:50PM DISCUSSANT / QUESTION MODERATOR
Stephanie O'Malley, Yale School of Medicine, New Haven CT USA

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TUESDAY, JUNE 28

1:20PM - 2:50PM

SYMPOSIUM

REGENCY T

**TECHNOLOGICAL INNOVATIONS IN ALCOHOL USE ASSESSMENT AND INTERVENTION
ORGANIZERS / CHAIRS: JEFF BOISSONEAULT and JOY GABRIELLI**

- 1:20PM-1:25PM INTRODUCTION
Jacob Borodovsky, Dartmouth College, Lebanon NH USA
- 1:25PM-1:43PM USING VIRTUAL REALITY TO MEASURE BIOPSYCHOSOCIAL INFLUENCES ON DRINKING TOPOGRAPHY
Jeff Boissoneault, University of Florida, Gainesville FL USA
- 1:43PM-2:01PM WOULD ADDICTIONS COUNSELORS USE VIRTUAL REALITY WITH THEIR PATIENTS? FEASIBILITY APPROPRIATENESS, AND BARRIERS
Tyler Wray, Brown University, Providence RI USA
- 2:01PM-2:19PM EXAMINING YOUTH TECHNOLOGY USE TO INFORM TECHNOLOGY-BASED INTERVENTIONS: FINDINGS FROM ONLINE FOCUS GROUPS WITH HIGH SCHOOL STUDENTS
Kristina Jackson, Brown University School of Public Health, Providence RI USA
- 2:19PM-2:37PM MOBILECOACH-TEEN: A PERSONALIZED SMARTPHONE PREVENTION INTERVENTION TO REDUCE ADOLESCENT ENGAGEMENT IN RISKY DRINKING BEHAVIOR
Joy Gabrielli, University of Florida, Gainesville FL USA
- 2:37PM-2:50PM DISCUSSANT / QUESTION MODERATOR
Jacob Borodovsky, Dartmouth College, Lebanon NH USA

1:20PM - 2:50PM

SYMPOSIUM

REGENCY U

**AT THE CROSSROADS OF AFFECTIVE DISORDERS AND ALCOHOL USE DISORDERS: NEURAL TRANSMISSION, SUBJECTIVE AND NEURAL RESPONSE TO ALCOHOL, AND ROLE(S) OF STRESS (INT)
ORGANIZER / CHAIR: ELIZABETH LIPPARD**

- 1:20PM-1:25PM INTRODUCTION
Dylan Kirsch, University of Texas at Austin, Austin TX USA
- 1:25PM-1:43PM QUALITATIVE INTERACTIONS BETWEEN ANXIETY AND ALCOHOL USE DISORDERS ON BIOMARKERS OF EXCITATORY-INHIBITORY BALANCE AND IMPULSIVITY IN BIPOLAR DISORDER
James Prisciandaro, Medical University of South Carolina, Charleston SC USA
- 1:43PM-2:01PM SUBJECTIVE ALCOHOL RESPONSES IN DRINKERS WITH DEPRESSIVE AFFECTIVE DISORDER USING HIGH-RESOLUTION ECOLOGICAL MOMENTARY ASSESSMENT
Andrea King, University of Chicago, Chicago IL USA
- 2:01PM-2:19PM NEURAL AND SUBJECTIVE RESPONSE TO ALCOHOL IN YOUNG ADULTS WITH BIPOLAR DISORDER
Elizabeth Lippard, University of Texas at Austin, Austin TX USA
- 2:19PM-2:37PM USING AN ANIMAL MODEL TO ASSESS SENSITIVITY TO THE INTEROCEPTIVE EFFECTS OF ALCOHOL FOLLOWING STRESS: RELEVANCE TO PTSD
Joyce Besheer, Bowles Center for Alcohol Studies, Chapel Hill NC USA
- 2:37PM-2:50PM DISCUSSANT / QUESTION MODERATOR
Rajita Sinha, Yale University School of Medicine, New Haven CT USA

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TUESDAY, JUNE 28

2:50PM - 3:10PM

COFFEE BREAK

REGENCY ROTUNDA

3:10PM - 4:40PM

DOCTORAL STUDENT SMALL GRANTS RECIPIENTS (2021) - PAPER SESSION
Organized by the Fund-Raising and Initiatives Committee, Chaired by Brendan Walker

REGENCY O

3:10PM-3:15PM

MODERATOR
Brendan Walker, University of South Florida, Tampa FL USA

3:15PM-3:30PM

FINDING THE POSITIVE IN ALCOHOL TREATMENT AND RECOVERY: PSYCHOMETRIC PROPERTIES OF A HUMAN FLOURISHING MEASURE AMONG INDIVIDUALS IN AUD RECOVERY
Hannah Carlon, Psychology, University of New Mexico, Albuquerque NM USA

3:30PM-3:45PM

IMPACT OF ALCOHOL-INDUCED INTESTINAL MICROBIOTA DYSBIOSIS IN A RODENT MODEL OF ALZHEIMER'S DISEASE
Dulce Frausto, Rush University Medical Center, Chicago IL USA

3:45PM-4:00PM

EVIDENCE FOR INSULAR DOPAMINERGIC CONTROL OF THE ESCALATION OF ETHANOL INTAKE
Ashmita Mukherjee, Behavioral Neuroscience, University at Buffalo, Buffalo NY USA

4:00PM-4:15PM

RACIAL DISCRIMINATION, CULTURAL IDENTITY AFFILIATION, AND ALCOHOL USE AMONG AMERICAN INDIAN YOUTH: A REPLICATION STUDY
Melissa Schick, Psychology, University of Rhode Island, Kingston RI USA

4:15PM-4:30PM

SHARED GENETIC LIABILITY FOR ALCOHOL CONSUMPTION, ALCOHOL PROBLEMS, AND SUICIDAL BEHAVIOR: EVALUATING THE ROLE OF IMPULSIVITY
Mallory Stephenson, Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, Richmond VA USA

3:10PM - 4:40PM

SYMPOSIUM

REGENCY P

TOWARDS A DEEPER UNDERSTANDING OF THE INTERSECTION BETWEEN SOCIAL MEDIA AND ALCOHOL USE ACROSS THE LIFESPAN
ORGANIZER / CHAIR: MEGAN STROWGER

3:10PM-3:15PM

INTRODUCTION
Julie Cristello, Florida International University, Coral Gables FL USA

3:15PM-3:33PM

FOLLOWING MORE SOCIAL MEDIA INFLUENCERS WHO SHARE ALCOHOL-RELATED CONTENT IS LINKED TO COLLEGE DRINKING
Megan Strowger, Old Dominion University, Norfolk VA USA

3:33PM-3:51PM

DO YOU 'LIKE' PROBLEMS? THE LINKAGE BETWEEN COLLEGE STUDENTS' INTERACTIONS WITH ALCOHOL-RELATED CONTENT ON SOCIAL MEDIA AND THEIR ALCOHOL PROBLEMS
Mai-Ly Steers, Duquesne University, Sewickley PA USA

3:51PM-4:09PM

ASSOCIATIONS BETWEEN HEAVY DRINKER'S ALCOHOL-RELATED SOCIAL MEDIA EXPOSURES AND PERSONAL BELIEFS AND ATTITUDES REGARDING ALCOHOL TREATMENT
Alex Russell, University of Arkansas, Fayetteville AR USA

4:09PM-4:27PM

DEVELOPING AND REFINING A PARENT-BASED INTERVENTION FOR IMPROVING PARENT-ADOLESCENT COMMUNICATION AND REDUCING ADOLESCENT HIGH-RISK SOCIAL MEDIA COGNITIONS, ALCOHOL USE, AND CONSEQUENCES
Dana Litt, University of North Texas Health Science Center, Fort Worth TX USA

4:27PM-4:40PM

DISCUSSANT / QUESTION MODERATOR
Sarah Boyle, Loyola Marymount University, Los Angeles CA USA

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TUESDAY, JUNE 28

3:10PM - 4:40PM

SYMPOSIUM

REGENCY Q

INNOVATIVE BRIEF INTERVENTIONS ADDRESSING HEAVY ALCOHOL USE AMONG DIVERSE GROUPS OF YOUNG ADULTS (DIT)
ORGANIZER / CHAIR: ERIC R. PEDERSEN

- 3:10PM-3:15PM INTRODUCTION
Eric Pedersen, University of Southern California, Los Angeles CA USA
- 3:15PM-3:33PM ADDRESSING ALCOHOL, CANNABIS AND OPIOID USE AMONG URBAN NATIVE AMERICAN YOUNG ADULTS
Elizabeth D'Amico
- 3:33PM-3:51PM A RANDOMIZED CONTROLLED TRIAL OF A MOBILE-BASED PREGAMING DRINKING PREVENTION INTERVENTION FOR COLLEGE STUDENTS
Eric Pedersen, University of Southern California, Los Angeles CA USA
- 3:51PM-4:09PM REDUCING ALCOHOL USE AND SEXUAL RISK BEHAVIOR AMONG EMERGING ADULTS EXPERIENCING HOMELESSNESS: RESULTS FROM A CLUSTER CROSS-OVER RANDOMIZED CONTROLLED
Joan Tucker, RAND Corporation, Santa Monica CA USA
- 4:09PM-4:27PM THRIVE: FEASIBILITY, ACCEPTABILITY, AND EFFICACY OF AN APP-BASED EARLY INTERVENTION FOR PTSD AND HIGH-RISK DRINKING AFTER SEXUAL ASSAULT
Emily Dworkin, University of Washington, Seattle WA USA
- 4:27PM-4:40PM DISCUSSANT / QUESTION MODERATOR
Joseph LaBrie, Loyola Marymount University, Los Angeles CA USA

3:10PM - 4:40PM

SYMPOSIUM

REGENCY R

LEVERAGING INSIGHTS FROM PRECLINICAL STUDIES TO DEVELOP NEW CORTEX-DIRECTED AUD TREATMENTS (INT)
ORGANIZER: MAX JOFFE
CHAIRS: COLLEEN HANLON and MAX JOFFE

- 3:10PM-3:15PM INTRODUCTION
Colleen Hanlon, Wake Forest School of Medicine, Winston-Salem NC USA
- 3:15PM-3:33PM ADAPTATIONS TO PREFRONTAL CORTEX INTERNEURONS IN MOUSE MODELS OF BINGE DRINKING
Max Joffe, University of Pittsburgh, Pittsburgh PA USA
- 3:33PM-3:51PM IN VIVO CALCIUM SIGNAL DYNAMICS IN PREFRONTAL CORTICAL NEURON SUBTYPES IN A MOUSE MODEL OF BINGE DRINKING
Reginald Cannady, North Carolina A&T State University, Greensboro NC USA
- 3:51PM-4:09PM COMBINING tDCS AND COGNITIVE TRAINING TO MODULATE PREFRONTAL NETWORKS THAT SUPPORT ABSTINENCE
Y. Jazmin Camchong, University of Minnesota, Minneapolis MN USA
- 4:09PM-4:27PM TMS TO THE VMPFC AS A TOOL TO DECREASE ALCOHOL CUE-REACTIVITY
Colleen Hanlon, Wake Forest School of Medicine, Winston-Salem NC USA
- 4:27PM-4:40PM DISCUSSANT / QUESTION MODERATOR
Judson Chandler, Medical University of South Carolina, Charleston SC USA

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TUESDAY, JUNE 28

3:10PM - 4:40PM

SYMPOSIUM

REGENCY S

**ORGANELLE TRAFFICKING, DYNAMICS, AND CELLULAR STRESS - A KEY MECHANISM
UNDERLYING ALCOHOL-INDUCED TISSUE INJURY
ORGANIZERS / CHAIRS: LAURA E NAGY and SUTHAT LIANGPUNSAKUL**

3:10PM-3:15PM

INTRODUCTION

Laura Nagy, Cleveland Clinic Foundation, Cleveland OH USA

3:15PM-3:33PM

MACROPHAGE-DERIVED MLKL IN ALCOHOL-ASSOCIATED LIVER DISEASE: REGULATION OF PHAGOCYTOSIS

Xiaoqin Wu, Cleveland Clinic, Cleveland OH USA

3:33PM-3:51PM

**MICROAUTOPHAGY OF LIPID DROPLET REQUIRES THE SMALL GTPASE RAB5 AND IS LINKED TO IMPAIRMENTS
BY ETOH EXPOSURE IN HEPATOCYTES**

Micah Schott, University of Nebraska Medical Center, Omaha NE USA

3:51PM-4:09PM

**ALCOHOL CAUSES INJURIOUS CROSSTALK BETWEEN ALVEOLAR EPITHELIAL CELLS AND MACROPHAGES VIA
EXPORT OF EXOSOMES CONTAINING DAMAGED MITOCHONDRIAL DNA**

Samantha Yeligar, Emory University / Atlanta VAHCS Decatur GA USA

4:09PM-4:27PM

AUTOPHAGY AND ENDOPLASMIC RETICULUM HOMEOSTASIS IN ALCOHOLIC PANCREATITIS

Wen-Xing Ding, University of Kansas Medical Center, Kansas City KS USA

4:27PM-4:40PM

DISCUSSANT / QUESTION MODERATOR

Suthat Liangpunsakul, Indiana University, Indianapolis IN USA

3:10PM - 4:40PM

SYMPOSIUM

REGENCY T

**PARSING THE PLEIOTROPY OF ALCOHOL-RELATED TRAITS
ORGANIZER: HENRY KRANZLER
CHAIRS: HENRY KRANZLER and RACHEL KEMBER**

3:10PM-3:15PM

INTRODUCTION

Rachel Kember, University of Pennsylvania Perelman School of Medicine, Philadelphia PA

3:15PM-3:33PM

A MULTI-TRAIT GENOME-WIDE ASSOCIATION STUDY OF PROBLEMATIC ALCOHOL USE

Henry Kranzler, Perelman School of Medicine, Philadelphia PA USA

3:33PM-3:51PM

**ADVANCED GENETIC STUDY OF PROBLEMATIC ALCOHOL USE IN > 1 MILLION SUBJECTS FROM MULTIPLE
POPULATIONS**

Hang Zhou, Yale School of Medicine, Orange

3:51PM-4:09PM

GENETIC LIABILITY TO ALCOHOL USE AND MISUSE CORRELATES WITH BIOMEDICAL CONDITIONS

Sandra Sanchez Roige, University of California San Diego, La Jolla CA USA

4:09PM-4:27PM

**INVESTIGATING CAUSAL INFLUENCES ON ALCOHOL CONSUMPTION AND MAJOR DEPRESSION ACROSS MIDDLE
AND LATE ADULTHOOD – A GENETICALLY INFORMATIVE PSEUDO-LONGIT**

Roseann

4:27PM-4:40PM

DISCUSSANT / QUESTION MODERATOR

Howard Edenberg, Indiana University School of Medicine, Indianapolis IN USA

TUESDAY, JUNE 28

3:10PM - 4:40PM

SYMPOSIUM

REGENCY U

**PRENATAL INSULTS AND FUTURE SUSCEPTIBILITY TO ALCOHOL MISUSE:
A SPECTRUM OF OUTCOMES IN PRECLINICAL MODELS
ORGANIZERS / CHAIRS: MARVIN DIAZ and KRISTEN BREIT**

3:10PM-3:15PM

INTRODUCTION

Carlos Valenzuela, University of New Mexico HSC, Albuquerque NM USA

3:15PM-3:33PM

EFFECTS OF PRENATAL SUBSTANCE EXPOSURE ON CONSUMMATORY BEHAVIOR IN THE OFFSPRING: ROLE OF NEUROPEPTIDE NEURONS AND NEUROIMMUNE SYSTEMS

Adam Collier, The Rockefeller University, New York City NY USA

3:33PM-3:51PM

PRENATAL METHADONE EXPOSURE REPROGRAMS FUTURE BEHAVIORAL RESPONSES TO ALCOHOL

Brady Atwood, Indiana University School of Medicine, Indianapolis IN USA

3:51PM-4:09PM

PRENATAL METHADONE EXPOSURE PRODUCES AGE- AND SEX-DEPENDENT CHANGES IN ALCOHOL INTAKE AND UNDERLYING NEURAL SUBSTRATES

Marvin Diaz, Binghamton University, Binghamton NY USA

4:09PM-4:27PM

PRENATAL ALCOHOL AND THC EFFECTS ON COGNITIVE AND EMOTIONAL DEVELOPMENT: CONSEQUENCES AND TREATMENTS

Jennifer Thomas, San Diego State University, San Diego CA USA

4:27PM-4:40PM

DISCUSSANT / QUESTION MODERATOR

Kristen Breit, West Chester University, Wallingford PA USA

4:50PM - 6:50PM

POSTER SESSION III

WINDERMERE Y-Z

POSTER NUMBERS: 1-234 / ABSTRACT NUMBERS: 468-701

Two 1-hour manning periods - Odd Numbers = first hour; Even Numbers = second hour
(light refreshments)

7:00PM - 8:00PM

MEET UP AND MOVE UP - Open

REGENCY V

An opportunity for trainees and early-stage investigators to chat with NIAAA staff and established investigators in the alcohol field

WEDNESDAY, JUNE 29

6:30AM - 8:00AM

CONTINENTAL BREAKFAST - Name Badge Required

REGENCY ROTUNDA

7:30AM - 3:00PM

RSA REGISTRATION DESK - Open

COUNTERS 2-3

“DIT” indicates Diversity in Topic and “INT” indicates an integrative symposium. We strongly encouraged proposals that bridge different types of research (e.g., preclinical and clinical), to provide the opportunity for society members with different interests to interact.

WEDNESDAY, JUNE 29

8:00AM - 9:30AM

SYMPOSIUM

REGENCY O

**ASSESSING THE IMPACT OF ALCOHOL USE ON THE BRAIN INTO EARLY ADULTHOOD:
WHERE THE NCANDA DATA ARE TAKING US**

ORGANIZERS / CHAIRS: SUSAN TAPERT and SANDRA BROWN (University of California San Diego, La Jolla CA USA)

- 8:00AM-8:05AM INTRODUCTION
Susan Tapert, University of California San Diego, La Jolla CA USA
- 8:05AM-8:23AM IMPACT OF BINGE DRINKING ON SUBSEQUENT GRAY AND WHITE MATTER VOLUMES IN EARLY ADULTHOOD
Wes Thompson, University of California San Diego, La Jolla CA USA
- 8:23AM-8:41AM CHANGES IN ALCOHOL CONSUMPTION AND MENTAL HEALTH ACROSS THE CORONAVIRUS PANDEMIC IN EARLY ADULTHOOD
Fiona Baker, SRI International, Menlo Park CA USA
- 8:41AM-8:59AM A PENNY-SIZED WEARABLE PATCH FOR CONTINUOUS REAL-TIME MONITORING OF BLOOD ALCOHOL CONCENTRATIONS
Farshad Tehrani, University of California San Diego, La Jolla CA USA
- 8:59AM-9:17AM DEEP LEARNING IDENTIFIES EFFECTS OF ALCOHOL DRINKING ON THE EARLY ADULT BRAIN
Qingyu Zhao, Stanford / SRI International, Stanford CA USA
- 9:17AM-9:30AM DISCUSSANT / QUESTION MODERATOR
Sara Jo Nixon, University of Florida, Gainesville FL USA

8:00AM - 9:30AM

SYMPOSIUM

REGENCY P

**INFLAMING THE DOGMA ON ALCOHOL NEUROIMMUNE EFFECTS
ORGANIZERS: KIMBERLY NIXON and JENNIFER MELBOURNE
CHAIRS: KIMBERLY NIXON and ANNA MAJEWSKA**

- 8:00AM-8:05AM INTRODUCTION
Jennifer Melbourne, University of Texas at Austin, Austin TX USA
- 8:05AM-8:23AM MULTIOMICS-BASED ANALYSES REVEAL NOVEL PATHWAYS UNDERLYING ALCOHOL-INDUCED MICROGLIAL ACTIVATION
Stanley Stevens, University of South Florida, Tampa FL USA
- 8:23AM-8:41AM PRIMED FOR ADDICTION: MICROGLIA PHENOTYPES IN ADOLESCENT BINGE-LIKE ALCOHOL EXPOSURE
Kim Nixon, The University of Texas at Austin, Austin TX USA
- 8:41AM-8:59AM FEVER REGULATION AFTER ADOLESCENT INTERMITTENT ETHANOL (AIE): HEATING UP THE CONVERSATION
Terrence Deak, Binghamton University, Binghamton NY USA
- 8:59AM-9:17AM PERIPHERAL-CENTRAL SIGNALING INVOLVING MACROPHAGE DOPAMINE 2 RECEPTORS AFFECTS DOPAMINE DYNAMICS AND ETHANOL EFFECTS ON DOPAMINE RELEASE IN THE MESOLIMBIC DOPAMINE SYSTEM
Scott Steffensen, Brigham Young University, Provo UT USA
- 9:17AM-9:30AM DISCUSSANT / QUESTION MODERATOR
Anna Majewska, University of Rochester, Rochester NY USA

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WEDNESDAY, JUNE 29

8:00AM - 9:30AM

SYMPOSIUM

REGENCY Q

**EVALUATION OF THE IMPACT OF ALCOHOL CONTROL POLICIES ON MORBIDITY AND MORTALITY
IN LITHUANIA AND OTHER BALTIC STATES (DIT)
ORGANIZERS: JÜRGEN REHM and SHANNON LANGE
CHAIR: MINDAUGAS ŠTELEMĖKAS**

- 8:00AM-8:05AM INTRODUCTION
Mindaugas Štelemėkas, Lithuanian University of Health Sciences, Kaunas Lithuania Lithuania
- 8:05AM-8:23AM ALCOHOL CONTROL POLICY AND THE EXPECTED EFFECTS
Jürgen Rehm, Centre for Addiction and Mental Health, Toronto ON Canada
- 8:23AM-8:41AM TAXATION AND ECONOMIC CHANGES PREDICT RECORDED ALCOHOL CONSUMPTION: A CASE STUDY IN LITHUANIA
Alexander Tran, Centre for Addiction and Mental Health, Toronto ON Canada
- 8:41AM-8:59AM ALCOHOL CONTROL POLICY MEASURES AND ALL-CAUSE MORTALITY IN LITHUANIA
Mindaugas Štelemėkas, Lithuanian University of Health Sciences, Kaunas Lithuania Lithuania
- 8:59AM-9:17AM SOCIOECONOMIC STATUS-SPECIFIC ALCOHOL POLICY EFFECTS
Jakob Manthey, University Medical Center Hamburg-Eppendorf, Hamburg Hamburg Germany
- 9:17AM-9:30AM DISCUSSANT / QUESTION MODERATOR
Shannon Lange, Centre for Addiction and Mental Health, Toronto Ontario Canada

8:00AM - 9:30AM

SYMPOSIUM

REGENCY R

**HAZARDOUS ALCOHOL USE AMONG VETERANS WITH CO-OCCURRING MENTAL HEALTH CONCERNS:
MECHANISMS, CONSEQUENCES, AND NOVEL TREATMENT EFFECTS (DIT)
ORGANIZER / CHAIR: NADINE MASTROLEO**

- 8:00AM-8:05AM INTRODUCTION
Nadine Mastroleo, Binghamton University, Binghamton NY USA
- 8:05AM-8:23AM EXAMINING THE DIRECT AND INDIRECT EFFECTS OF POSTTRAUMATIC STRESS DISORDER SYMPTOM SEVERITY AND ALCOHOL USE ON AGGRESSION AMONG DUALY DIAGNOSED VETE
Julianne Flanagan, Medical University of South Carolina, Charleston SC USA
- 8:23AM-8:41AM CLINICAL APPLICATION OF INCENTIVE-SENSITIZATION THEORY: DISSOCIATION OF LIKING VERSUS WANTING AMONG VETERANS WITH HAZARDOUS ALCOHOL USE
Katherine Buckheit, Syracuse VA Medical Center, Syracuse NY USA
- 8:41AM-8:59AM CLINICAL EFFECTIVENESS OF A TWO-WEEK INTENSIVE OUTPATIENT PROGRAM FOR INTEGRATIVE TREATMENT OF COMORBID ALCOHOL USE AND MENTAL HEALTH DISORDERS
Laura Watkins, Emory University School of Medicine, Atlanta GA USA
- 8:59AM-9:17AM INITIAL TESTING OF A BRIEF, INTEGRATED INTERVENTION AIMED AT REDUCING HEAVY ALCOHOL USE AND PTSD AMONG MILITARY VETERANS IN PRIMARY CARE
Nadine Mastroleo, Binghamton University, Binghamton NY USA
- 9:17AM-9:30AM DISCUSSANT / QUESTION MODERATOR
Eric Pedersen, University of Southern California, Los Angeles CA USA

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WEDNESDAY, JUNE 29

8:00AM - 9:30AM

SYMPOSIUM

REGENCY S

EMERGING ONLINE INTERVENTIONS TARGETING ALCOHOL USE AND SEXUAL ASSAULT (DIT)
ORGANIZERS / CHAIRS: ANNA E. JAFFE and JESSICA A. BLAYNEY

- 8:00AM-8:05AM INTRODUCTION
Anna Jaffe, University of Nebraska-Lincoln, Lincoln NE USA
- 8:05AM-8:23AM MAKING INTERVENTIONS MORE USER CENTERED: DEVELOPING AN ALCOHOL AND SEXUAL RISK INTERVENTION FOR WOMEN WITH SEXUAL VICTIMIZATION HISTORIES
Jessica Blayney, University of Washington, Seattle WA USA
- 8:23AM-8:41AM WHY DO WE NEED TO TALK ABOUT ALCOHOL? A STAKEHOLDER-DRIVEN APPROACH FOR INTEGRATING ALCOHOL CONTENT INTO TAILORED SEXUAL ASSAULT PREVENTION PROGRAMS
Nichole Scaglione, University of Florida, Gainesville FL USA
- 8:41AM-8:59AM DEVELOPMENT & PRELIMINARY FINDINGS FROM A NEW PREVENTIVE INTERVENTION TO REDUCE SEXUAL REVICTIMIZATION OF COLLEGE WOMEN
Kathleen Parks, Department of Psychology, University at Buffalo, Buffalo NY USA
- 8:59AM-9:17AM A PILOT RANDOMIZED CONTROLLED TRIAL OF POSITIVE CHANGE: INTEGRATED ALCOHOL AND SEXUAL ASSAULT PREVENTION TAILORED BY GENDER AND SEXUAL ORIENTATION
Amanda Gilmore, Georgia State University, Atlanta GA USA
- 9:17AM-9:30AM DISCUSSANT / QUESTION MODERATOR
Cynthia Stappenbeck, Georgia State University, Atlanta GA USA

8:00AM - 9:30AM

SYMPOSIUM

REGENCY T

THE APPLICATION OF SELF-DETERMINATION THEORY TO UNDERSTAND ALCOHOL-RELATED BEHAVIORS
ORGANIZER/CHAIR: DYLAN K. RICHARDS

- 8:00AM-8:05AM INTRODUCTION
Dylan Richards, University of New Mexico, Albuquerque NM USA
- 8:05AM-8:23AM UNDERSTANDING ENGAGEMENT IN ALCOHOL PROTECTIVE BEHAVIORAL STRATEGIES AMONG COLLEGE STUDENTS: A SELF-DETERMINATION THEORY PERSPECTIVE
Dylan Richards, University of New Mexico, Albuquerque NM USA
- 8:23AM-8:41AM PEOPLE MIGHT USE ALCOHOL TO COMPENSATE FOR BASIC PSYCHOLOGICAL NEED FRUSTRATION
James Conigrave, The University of Sydney, Hazelbrook NSW Australia
- 8:41AM-8:59AM INTERACTION BETWEEN BASIC PSYCHOLOGICAL NEEDS SATISFACTION AND FRUSTRATION ON QUALITY OF LIFE AND ALCOHOL OUTCOMES: EVALUATING THE DUAL PROCESS MODEL
Rebeca Fierro Pérez-Martinez, The University of Texas at El Paso, El Paso TX USA
- 8:59AM-9:17AM WITH OR WITHOUT YOU: ARE LONELY PEOPLE MORE LIKELY TO DRINK FOR EXTRINSIC REASONS?
Jaye Derrick, University of Houston, Houston TX USA
- 9:17AM-9:30AM DISCUSSANT / QUESTION MODERATOR
Matthew Pearson, University of New Mexico, Albuquerque NM USA

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WEDNESDAY, JUNE 29

8:00AM - 9:30AM

SYMPOSIUM

REGENCY U

**BEYOND THE GAS AND THE BRAKES: PRECLINICAL AND HUMAN LABORATORY STUDIES OF
CORTICOSTRIATAL FUNCTION IN ALCOHOL USE DISORDER (INT)
ORGANIZER / CHAIR: JOSEPH SCHACHT**

- 8:00AM-8:05AM INTRODUCTION
Joseph Schacht, University of Colorado School of Medicine, Aurora CO USA
- 8:05AM-8:23AM ADOLESCENT ALCOHOL EXPOSURE IS ASSOCIATED WITH IMPAIRED RESPONSE INHIBITION AND
CORRESPONDING ALTERATIONS IN CORTICO-STRIATAL NETWORK DYNAMICS IN MALE
Aqilah McCane, Oregon Health & Science University, Portland OR USA
- 8:23AM-8:41AM A COMPUTATIONAL MODEL OF ALTERED CORTICOSTRIATAL PROCESSING IN COMPULSIVE DRINKING
Christopher Lapish, Indiana University Purdue University Indianapolis, Indianapolis IN USA
- 8:41AM-8:59AM ENHANCEMENT OF CORTICAL DOPAMINE TONE INCREASES TOP-DOWN CONTROL AND REDUCES ALCOHOL
CONSUMPTION IN SEX-DEPENDENT FASHION
Andrew Kayser, University of California San Francisco, San Francisco CA USA
- 8:59AM-9:17AM EFFECTS OF PHARMACOLOGICAL AND GENETIC REGULATION OF COMT SIGNALING IN ALCOHOL USE
DISORDER: A RANDOMIZED, PLACEBO-CONTROLLED TRIAL OF TOLCAPONE
Joseph Schacht, University of Colorado School of Medicine, Aurora CO USA
- 9:17AM-9:30AM DISCUSSANT / QUESTION MODERATOR
Cristine Czachowski, Indiana University Purdue University Indianapolis, Indianapolis IN USA

9:40AM - 11:40AM

POSTER SESSION III

WINDERMERE Y-Z

POSTER NUMBERS: 1-234 / ABSTRACT NUMBERS: 702-935

Two 1-hour manning periods - Odd Numbers = first hour; Even Numbers = second hour
(light refreshments)

12noon-12:45PM

PLENARY SESSION V - VIRTUAL

REGENCY Q

NEURAL CIRCUITS UNDERLYING SOCIAL ISOLATION INDUCED INCREASES IN ALCOHOL DRINKING
Kay M. Tye, Ph.D., Wylie Vale Professor, Systems Neuroscience Laboratory,
Salk Institute for Biological Studies, La Jolla, CA

Although there are correlations between both stress with increased alcohol consumption, as further supported by the surge in alcohol sales during the COVID-19 pandemic, little is known about the neurobiological mechanisms underlying these phenomena. What brain changes are induced by stressors that trigger alcohol drinking? We found that social rank predicts alcohol drinking (subordinates drink more than dominants) and that social isolation further increases alcohol drinking in all mice. We then showed that social isolation increases neural excitability in the basolateral amygdala (BLA), and stimulating BLA inputs to the medial prefrontal cortex (mPFC) is sufficient to increase consumption of alcohol. Finally, we used longitudinal cellular-resolution imaging to reveal how social isolation can modify BLA representations of alcohol, and how amygdalar input can modify mPFC neural representations of alcohol. Together, we identified a cellular substrate of social isolation and resolved a role for the amygdala-cortical circuit in stress-induced escalated alcohol drinking.

My laboratory at the Salk Institute for Biological Studies is focused on functionally dissecting the neural circuits encoding emotional and motivational valence, with an emphasis on the identification of common circuits that are perturbed in disease models related to addiction/ obesity, anxiety, depression and autism spectrum disorders. My research program uses a reverse translational approach by taking clues from human studies and applying cutting-edge techniques across multiple disciplines to establish causal relationships between the brain and behavior in both health and disease. We achieve this by advancing optogenetic, imaging, pharmacological and electrophysiological techniques to dissect the pathways and synapses that mediate animal behaviors which recapitulate psychiatric disease symptoms.

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WEDNESDAY, JUNE 29

1:00PM - 2:30PM

SPECIAL SESSION

REGENCY Q

TRSA - O'NEILL ADDICTION SCIENCE EDUCATION AWARD PRESENTATION

ADVOCATING FOR BETTER ADDICTION RESEARCH AND POLICY ON A LOCAL, NATIONAL AND INTERNATIONAL LEVEL

Stephen Girona, Wake Forest School of Medicine, Department of Neuroscience, Winston-Salem, NC

1:00PM - 2:30PM

RSA EDUCATION COMMITTEE MEETING - closed

CELEBRATION 11

6:00PM - 11:00PM

2022 RSA CLOSING CEREMONY AND AWARDS PRESENTATIONS

REGENCY R-S

Dinner/Presentations: 6:00PM followed by Dancing - TICKET REQUIRED

RSA Early Career Investigator Award - **DR. JEFF BOISSONEAULT**
RSA Early Career Investigator Award - **DR. SANDRA SANCHEZ ROIGE**
RSA Distinguished Researcher Award - **DR. PAUL GRUENEWALD**
RSA Lifetime Achievement Award - **DR. ADOLF PFEFFERBAUM**
RSA Henri Begleiter Excellence in Research Award - **DR. ARPANA AGRAWAL**
RSA Marlatt Mentorship Award - **DR. DAVID GOLDMAN**
RSA Dora Goldstein Diversity in the Sciences Award - **DR. SHARON WILSNACK**
RSA Seixas Award - to be announced
RSA Media Award - **MILLIE GOOCH**
Enoch Gordis Research Recognition Awardees - to be announced
RSA Undergraduate Diversity Meeting Travel Award recipients
Nadia Chaudhri Rising Scholar Award (NCRSA) recipients
RSA Graduate Student Small Grants Program recipients
ACER Journal Award for Early Career Investigator Outstanding Paper recipients
2022 Jellinek Award - Dr. Boris Tabakoff to present to Dr. Kenneth Sher

Announcement of new RSA Officers - President-Elect and Treasurer

RSA MEETING ADJOURNED

RSA: "Funding for this conference was made possible (in part) by 2R13AA18227-11 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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