



2013
National Institute on Alcohol Abuse and Alcoholism
T32 Training Directors' Meeting &
Trainee Workshop
October 18 - 20, 2013
Program

San Diego, California
The Westgate Hotel
1055 2nd Ave., San Diego, CA 92101
<http://niaaa-t32.sdsu.edu/>



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2013 NIAAA T32 Training Directors' Meeting & Trainee Workshop
October 18-20, 2013 San Diego, California
Realistic Expectations in a Changing Research World

Twenty-six NIAAA Institutional Research Training Programs are located across the United States providing specialized instruction to over 100 predoctoral and postdoctoral trainees annually in multiple areas of alcohol research. These programs are supported by the NIH Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Training Grant (T32) mechanism.

Biennially, a NIAAA T32 Training Directors' Meeting and Trainee Workshop event gathers experienced senior scientists directing these programs, promising trainees in various stages of their career development, and knowledgeable staff from NIAAA for a unique weekend training opportunity. The objectives of the workshop are to promote trainee development and education, foster research collaborations and mentorships, expand the trainees' alcohol research knowledge base, build a strong biomedical workforce, inform trainees of current NIAAA initiatives and funding opportunities, and facilitate discussions to strengthen and support the training programs.

Past workshops have been hosted at: Indiana University (1999, 2001, 2003, 2005 and 2007); Louisiana State University Health Sciences Center (2009); and Brown University (2011). We are honored to host the 8th NIAAA T32 Training Directors Meeting and Trainee Workshop in San Diego, California. We welcome the training directors, faculty, and trainees from each of the 26 nationwide NIAAA T32 training programs and NIAAA to this year's event.

Workshop Support & Coordination Committees

Organizing Committee

Edward Riley, Chair
Sandra Brown, Co-Chair
Jill Vander Velde, Janka Bond

Program Committee

Sarah Mattson, Chair
Cindy Ehlers, Mark Myers
Susan Tapert, Alejandra Infante

Fundraising/Social Committee

Susan Tate, Chair
Susan Luczak, Jennifer Thomas
Tamara Wall, Jessica Skidmore

Hotel Liaison Committee

Sonya Norman, Chair
Jennifer Thomas, Tamara Wall
Eileen Moore

The Organizing Committee would like to thank SDSU/UCSD NIAAA T32 faculty and current and former trainees for their assistance in the planning of this event. We would also like to thank NIAAA for their input and support.

**2013 NIAAA T32 Trainee Workshop Program
October 18-20, 2013 San Diego, California
Realistic Expectations in a Changing Research World**

Friday, October 18, 2013

8:30 am	Breakfast (NIAAA & Training Directors – Thur.Travelers)	Ambassador
10:00 am	Workshop Registration & Information	Peacock Alley/Foyer
10:00 am	Poster Set-Up	Embassy
11:00 am	Training Directors & NIAAA Meeting/Luncheon - Closed	Riviera
2:00 pm	Trainee Workshop Welcome Addresses	Versailles Ballroom
2:30 pm	Trainee Oral Presentations – Session 1	Versailles Ballroom
4:00 pm	Break	Foyer
4:15 pm	Trainee Oral Presentations – Session 2	Versailles Ballroom
5:45 pm	Reception	Riviera & Terrace
6:45 pm	Dinner & Professional Development Keynote	Versailles Ballroom

Saturday, October 19, 2013

7:00 am	Workshop Registration & Information	Peacock Alley/Foyer
7:00 am	Breakfast	Riviera
8:00 am	Professional Development Keynote	Versailles Ballroom
9:00 am	Trainee Oral Presentations – Session 3	Versailles Ballroom
10:45 am	Break	Foyer
11:00 am	Trainee Oral Presentations – Session 4	Versailles Ballroom
12:30 pm	Luncheon & Professional Development Seminar	Riviera
2:00 pm	Professional Development Seminar	Versailles Ballroom
3:15 pm	Poster Session	Riviera & Terrace
4:45 pm	Bus Loading & Transportation to Birch Aquarium	Outside Westgate Lobby
5:30 pm	Dinner & Professional Development Keynote	Birch Aquarium
9:30 pm	Bus Loading & Transportation to The Westgate Hotel	Outside Aquarium

Sunday, October 20, 2013

7:00 am	Workshop Registration & Information	Foyer/Versailles Ballroom
7:00 am	Breakfast	Riviera
7:00 am	Poster Removal	Embassy
8:00 am	Professional Development Panel	Versailles Ballroom
9:15 am	Break	Foyer
9:30 am	Trainee Oral Presentations – Session 5	Versailles Ballroom
11:00 am	Closing Comments, Evaluations, & Adjournment	Versailles Ballroom

**2013 NIAAA T32 Trainee Workshop Program
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Friday, October 18, 2013

- 8:30 am – 10:00 am** **Breakfast (NIAAA & Training Directors - Thursday Travelers)**
Location: Ambassador
- 10:00 am – 7:00 pm** **Workshop Registration & Information**
Location: Peacock Alley/Foyer
- 10:00 am – 6:45 pm** **Poster Set-Up**
Location: Embassy
- 11:00 am – 2:00 pm** **Training Directors and NIAAA Meeting & Luncheon – Closed Event**
Location: Riviera
- 2:00 pm – 2:30 pm** **Trainee Workshop Welcome Address & Opening Comments**
Location: Versailles Ballroom
Edward Riley (SDSU), Sandra Brown (UCSD), Stephen Welter (SDSU)
Lindsey Grandison and Kenneth Warren, NIAAA
- 2:30 pm – 4:00 pm** **Trainee Oral Presentations – Session 1**
Location: Versailles Ballroom
Chair: Rick Morrisett, University of Texas at Austin
Introductions: Ruth Miller, Washington University School of Medicine

Malaak Moussa, Wake Forest University Health Sciences
Moderate Alcohol Consumption in Older Age: Effects on Working Memory and Rich Functional Brain Network Connectivity

Melanie Pina, Oregon Health & Science University
Involvement of Dopamine Receptor Subfamilies in Ethanol Reward

Ami Cohen, The Scripps Research Institute
Nicotine Promotes Alcohol Drinking and Facilitates The Transition to Alcohol Dependence in Rats

Rachel Gunn, Indiana University - Purdue University at Indianapolis
The Effects of Working Memory Load and Attention Refocusing on Delay Discounting Rates in Alcohol Dependence with Comorbid Antisocial Problems

Ryan Vetreno, University of North Carolina at Chapel Hill
Persistently Increased Danger Signaling in the Adult Prefrontal Cortex Following Adolescent Intermittent Ethanol is Associated with Reversal Learning Deficits
- 4:00 pm – 4:15 pm** **Break**
Location: Foyer
- 4:15 pm – 5:45 pm** **Trainee Oral Presentations – Session 2**
Location: Versailles Ballroom
Chair: Tamara Phillips, Oregon Health & Science University
Introductions: Lindsey Zimmerman, University of Washington

Brianna Klein, University of Colorado Denver
Regulation of CBP/p300 by Bromodomain

Sarah Prins, Loyola University Chicago
Peripubertal Binge Alcohol Exposure Alters Normal Developmental microRNA Expression Patterns

Benjamin Hughes, Medical University of South Carolina
Decoupling Agonist Efficacy from Ethanol Inhibition of NMDA Receptors: Effects of Pre-TM4 Mutations on NMDA Receptor Function and Ethanol Sensitivity

Rafael Renteria, University of Texas at Austin
Ethanol Attenuation of Endocannabinoid Signaling in the Nucleus Accumbens Shell Can Be Overcome by URB597 and AM404

Egle Juskeviciute, Thomas Jefferson University
Inhibition of miR-21 Reveals a Key microRNA Regulatory Network Controlling Liver Regeneration in Chronic Alcohol Adapted State

5:45 pm – 6:45 pm

Reception

Location: Riviera & Terrace

6:45 pm – 10:00 pm

Dinner & Professional Development Keynote

Location: Versailles Ballroom

Speaker: Marc Schuckit, UCSD

Topic: *How to Tell Your Story: Suggestions for Optimal Lectures, Papers, and Grant Applications*

Saturday, October 19, 2013

7:00 am – 5:00 pm

Workshop Registration & Information

Location: Peacock Alley/Foyer

7:00 am – 8:00 am

Breakfast

Location: Riviera

8:00 am – 9:00 am

Professional Development Keynote

Location: Versailles Ballroom

Speaker: Steven Woods, UCSD

Topic: *A Primer on Grantsmanship for Trainees: Practical Advice Born of Hard Lessons Learned*

Discussants: Abraham Bautista, NIAAA and Andrew Heath, WUSTIL

9:00 am – 10:45 am

Trainee Oral Presentations – Session 3

Location: Versailles Ballroom

Chair: Mary Larimer, University of Washington

Introductions: Daniel Cook, Thomas Jefferson University

Jennifer E. Merrill, Center for Alcohol and Addiction Studies, Brown Univ.
Aversiveness of Recent Consequences Predicts Future Drinking Behavior Among College Underclassmen

Magdalena Kulesza, University of Washington

Stigma as a Predictor of Alcohol Use Among At-Risk College Student Sample

Ross O'Hara, University of Connecticut Health Center
Drinking to Cope Among African-American College Students

Melissa Munn-Chernoff, Washington University School of Medicine
Bulimic Behaviors and Early Substance Use: Findings from a CoTwin-Control Study

Camillia Lui, Alcohol Research Group & UC Berkeley School of Public Health
Life-Course Social Status, Race/Ethnicity and Alcohol Behaviors During the Transition to Adulthood

Mandy Owens, University of New Mexico
Changes in Social Networks Predict Substance Use of Adult Male Probationers Recently Released from Jail

10:45 am – 11:00 am

Break

Location: Foyer

11:00 am – 12:30 pm

Trainee Oral Presentations – Session 4

Location: Versailles Ballroom

Chair: Patricia Molina, Louisiana State University Health Sciences Center

Introductions: Matthew Pearson, University of New Mexico

Niloofer Bavarian, University of California, Berkeley
Reducing Adolescent Alcohol Use by Improving Peer Affiliation: Results from a Randomized Trial of a Social-Emotional Character Development Program

Patrick Carter, University of Michigan
Alcohol Ignition Interlock Installation in New Vehicles as a Primary Prevention Measure to Decrease Alcohol Involved Crash Fatalities and Non-Fatal Injuries

Rachel Sayko Adams, Brandeis University
Examining Unhealthy Alcohol Use and its Consequences After Combat-Acquired Traumatic Brain Injury

Sophie Teng, Louisiana State University Health Sciences Center
Acute Alcohol Intoxication Prolongs Neuroinflammation Without Exacerbating Neurobehavioral Dysfunction Following Traumatic Brain Injury

Jennifer Cadigan, University of Missouri
Personalized Feedback: A Meta-Analysis of In-Person and Computer-Based Interventions

12:30 pm – 2:00 pm

Luncheon & Professional Development Seminar

Location: Riviera

Speaker: Kathy Jung, NIAAA

Topic: *Public Access Compliance: How to Prevent Delays in Funding Due to NIH Public Access Issues*

2:00 pm – 3:15 pm

Professional Development Seminar

Location: Versailles Ballroom

Speaker: Lindsey Grandison, NIAAA

Topic: *Funding Opportunities & Alternative Careers*
Open Q&A with NIAAA Staff and Training Directors

3:15 pm – 4:45 pm

Poster Session

Location: Riviera & Terrace

4:45 pm – 5:10 pm Bus Loading & Transportation to Birch Aquarium

Location: Outside Main Lobby

5:30 pm – 10:00 pm Dinner & Professional Development Keynote

Location: Birch Aquarium

Speaker: Todd Coleman, UCSD

Topic: Epidermal Electronics: Just a Tattoo?

9:30 pm – 10:00 pm Bus Loading & Transportation to The Westgate Hotel

Sunday, October 20, 2013

7:00 am – 8:00 am Breakfast

Location: Riviera

7:00 am – 12:00 pm Poster Removal

Location: Embassy

8:00 am – 9:15 am Professional Development Panel on Early Career Activities

Location: Versailles Ballroom

Sandra Brown, UCSD: *Negotiating Your First Job*

Mary Larimer, UW: *Seeking Alternative Sources of Funding*

Christine Czachowski, IUPUI: *Early Career Activities*

Kenneth Sher, MU: *The Role of the Mentor*

Jan Hoek, TJU: *Publishing in the Early Career Period*

9:15 am – 9:30 am Break

Location: Foyer

9:30 am – 11:00 am Trainee Oral Presentations – Session 5

Location: Versailles Ballroom

Chair: Fernando Valenzuela, Univ. of New Mexico Health Sciences Center

Introductions: Emily Lowery Gionta, Univ. of North Carolina at Chapel Hill

Minhnoi Wroble Biglan, University of Pittsburgh

Racial Differences in Women's Alcohol Consumption from Pregnancy Through 22 Years Postpartum

Brian Coffman, University of New Mexico Health Sciences Center

Congenital Disinhibition: Response Inhibition, Impulsive Behavior, and Risky Decision-Making in Adolescents with Fetal Alcohol Spectrum Disorders

Leila Glass, Center for Behavioral Teratology - San Diego State University

Reading Dysfunction in Children With Prenatal Alcohol Exposure: Comparison of Three Definitions

Stephanie Godleski, Research Institute on Addictions, SUNY Buffalo

The Influence of Parent Alcohol Problems and Anger on Early Childhood Aggression

Haley Yarosh, Yale University

Relationships Between Compulsivity, Reward Sensitivity, Risk-Taking and Family History of Alcoholism During an Interactive Competitive fMRI Task

11:00 am Closing Comments, Evaluations & Adjournment

NIAAA T32 Trainee Workshop Poster Session
Realistic Expectations in a Changing Research World

Saturday, October 19, 2013

3:15 pm – 4:45 pm Riviera & Terrace

- P01** Abigail Polter, Center for Alcohol and Addiction Studies, Brown University: *A Role For Glucocorticoid and Kappa Opioid Receptors in Long-Lasting Effects of Stress on VTA Inhibitory Synaptic Plasticity*
- P02** Angela Walter, Brandeis University: *Alcohol Use and HIV Testing in a National Sample of Women*
- P03** Brooke Schmeichel, The Scripps Research Institute: *Hypocretin-1 and -2 Receptor Antagonism Reduces Ethanol Intake in Dependent Rats*
- P04** Caroline Hostetler, Oregon Health & Science University: *Impact of Social Context on Pharmacological Intervention of Alcohol Consumption in Two Social Rodent Species*
- P05** Cory A. Crane, Research Institute on Addictions, SUNY Buffalo: *Daily Associations Among Heavy Episodic Drinking, Self-Control, and Relationship Functioning: An Examination of Actor and Partner Effects*
- P06** Daniel Cook, Thomas Jefferson University: *Cellular Network Model Implicates the Balance of Inflammatory Cytokines as a Key Contributor to Liver Regeneration Deficit in Chronic Alcohol Adaption*
- P07** Elisa Trucco, University of Michigan: *Differential Susceptibility to Adolescent Alcohol Use Pathways: Examining the Interplay Between GABRA2 and Parental Monitoring*
- P08** Elizabeth Burnett, Medical University of South Carolina: *The Role of the Rostromedial Tegmental Nucleus in Alcohol Consumption*
- P09** Emilie Rausch, University of Missouri: *Examining the Latent Space of Alcohol Use Disorders: A Comparison Using NESARC and NLAES*
- P10** Emily Lowery-Gionta, University of North Carolina at Chapel Hill: *Acute and Chronic Ethanol Have Bidirectional Effects on Synaptic Transmission in the Dorsal Raphe*
- P11** James Doherty, University of Texas at Austin: *Operant Ethanol Self-Administration in Adolescent and Adult Male Long-Evans Rats*
- P12** Jessica Skidmore, San Diego State University/UCSD/VA San Diego Healthcare System: *Predictors of Treatment Attendance Among Veterans Receiving Treatment for Co-Occurring Substance Dependence, Depression, and Trauma*

NIAAA T32 Trainee Workshop Poster Session
Realistic Expectations in a Changing Research World

Saturday, October 19, 2013

3:15 pm – 4:45 pm Riviera & Terrace

- P13** Jill Ippolito, Loyola University Chicago: *Binge Ethanol Exposure Alters Inflammatory Responses and the Ratio of Lung Mesenchymal Stem Cells and M2 Macrophages in the Lungs of Burn Injured Mice*
- P14** Lauren Topper, University of New Mexico Health Sciences Center: *Repeated Alcohol Exposure During the 3rd Trimester-Equivalent Alters Inflammatory Signaling Pathways in the Rat Dentate Gyrus*
- P15** Liana Matson, Indiana University - Purdue University at Indianapolis: *Crossed High Alcohol Preferring (CHAP) Mice Exhibit Stimulation and Ataxia During Early Ethanol Access, and Develop Functional Tolerance During Free-Choice Ethanol Access*
- P16** Lindsey Zimmerman, University of Washington: *Parents and Partners Both Increase and Decrease Drinking Among Sexual Minority Women in Emerging Adulthood*
- P17** Matthew Pearson, University of New Mexico: *Use of Alcohol Protective Behavioral Strategies Among College Students: A Critical Review*
- P18** Megan Armstrong, Louisiana State University Health Sciences Center: *Knowledge Regarding Effects of Alcohol Use in HIV Positive Outpatients and Care Providers*
- P19** Meghan Morean, Yale University: *Do Alcohol Expectancies Accurately Reflect Subjective Response? A Novel Assessment Package Shows that Inaccurate Beliefs Predict Drinking and Problems*
- P20** Meme Wang, University of California, Berkeley: *Exploring Acculturation-Based Conflict as a Risk Factor for Adolescent Alcohol Use Among Immigrant Families*
- P21** Priscilla Martinez, Alcohol Research Group & UC Berkeley School of Public Health: *An Increase in the Total Consumption of Alcohol Over a Five-Year Period in Ghana*
- P22** Rebecca Helfand, Institute for Behavioral Genetics, University of Colorado Boulder: *The nAChR A5 Subunit Polymorphism CHRNA5 D398N Changes Both Conditioned Place Preference Development and Receptor Function But Not Ethanol Consumption*
- P23** Ruth Miller, Washington University School of Medicine: *More Walkable Regions Have Adverse Alcohol Related Motor Vehicle Fatality Outcome*
- P24** Sarahmona Przybyla, Research Institute on Addictions-SUNY Buffalo: *Prevalence and Predictors of Hooking Up Among Freshmen College Women*
- P25** Stacey Robinson, Wake Forest University Health Sciences: *Ethanol Inhibition of Glutamate Synaptic Transmission in Rat Basolateral Amygdala Involves Endocannabinoids*

We are very thankful to the following donors and sponsors for their support:



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