



CPDD 76th Annual Scientific Meeting Program

June 14-19, 2014

**Caribe Hilton
San Juan, Puerto Rico**



Focus on Women & Sex/Gender Differences

2014 Mini-Program



National Institute
on Drug Abuse

National Institutes of Health – U.S. Department of Health & Human Services

PREFACE

Accumulating evidence indicates that the antecedents, consequences, and mechanisms of drug abuse and addiction often differ in males and females and that sex/gender is an important variable in treatment and prevention. To foster research on women and sex/gender differences in all areas of drug abuse research, both human and animal, since 1999 the National Institute on Drug Abuse (NIDA) has encouraged submission of abstracts on this topic for the annual meeting of the College on Problems of Drug Dependence (CPDD). The response has been very gratifying as evidenced by the numerous presentations on this topic in this year's CPDD program, as well as in previous years' programs.

NIDA is pleased to provide you with this special version of the CPDD program that contains the program schedule for presentations related to women and sex/gender differences, including NIDA's International Forum Poster Session on Monday evening. We hope that this mini-program will be useful for those conducting research in this area. For those of you who do not conduct sex/gender-based research, we hope that this mini-program will suggest ways in which incorporating this perspective and methodology can inform and advance your research program.

On May 14, *Nature* published an article, "Policy: NIH to balance sex in cell and animal studies," by Dr. Janine Clayton, Director of the NIH Office of Research on Women's Health, and Dr. Francis Collins, NIH Director, stating, "The NIH is now developing policies that require applicants to report their plans for the balance of male and female cells and animals in preclinical studies in all future applications, unless sex-specific inclusion is unwarranted, based on rigorously defined exceptions. These policies will be rolled out in phases beginning in October 2014, with parallel changes in review activities and requirements." Given these new NIH policies, this mini-program may be of particular usefulness to researchers who conduct preclinical research or research will cells.

To support junior investigators pursuing research careers on women and sex/gender differences, special NIDA travel awards for CPDD have been granted annually since 1999. Each year these competitive awards have been given to up to 30 junior investigators (students and investigators who are less than five years past the doctoral degree or residency) whose CPDD abstract on this topic is accepted for either a poster or oral session. NIDA congratulates this year's travel awardees. Their names along with the title of their presentation are listed on pages 5 and 6, and on the following pages is a listing of all prior years' awardees.

To those of you who are junior investigators and engage in research on women and sex/gender differences, or are interested in pursuing research in this important area, NIDA will again sponsor the Women & Sex/Gender Junior Investigator Travel Awards for the 2015 CPDD meeting in Phoenix, Arizona, June 13-18, and we encourage you to apply (see the announcement on page 40).

For those of you who are interested in exploring funding opportunities for research on women and sex/gender differences, please see the listing on page 39.

Finally, this year we are pleased to include a listing of the posters presented at International Women's and Children's Health and Gender Group Conference at the June 13 meeting (Pages 41 and 42). As designated, some of the presenters received travel awards in coordination with NIDA's Women & Sex/Gender Differences Research Junior Investigator Travel Awards for CPDD Program.

For additional information on NIDA's Women and Sex/Gender Differences Research Program, contact:

- Dr. Samia Dawud Noursi, NIDA Women and Sex/Gender Differences Research Program, Deputy Coordinator, telephone 301-594-5622; snoursi@nih.gov, or
- Dr. Cora Lee Wetherington, NIDA Women and Sex/Gender Differences Research Program, Coordinator, telephone 301-435-1319; wetherington@nih.gov

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NIDA'S WOMEN & SEX/GENDER DIFFERENCES RESEARCH JUNIOR INVESTIGATOR TRAVEL AWARDEES FOR CPDD 2014

Bertz, Jeremiah University of Michigan	Effects of sex and remifentanyl dose on the acquisition of responding for a remifentanyl-associated stimulus (Page 22)
Cercone, Sarah The State University of New York at Buffalo	Past year non-medical opioid use and PTSD diagnosis: interactions with gender and associations with symptom clusters (Page 25)
Cornett, Elyse Louisiana State University	96-hour methamphetamine self-administration in male and female rats: Effects on brain reward pathways (Page 23)
Dahne, Jennifer University of Maryland	Race as a moderator of the relationship between distress tolerance and cigarette smoking among Black and White women (Page 36)
Daly, Courtney Elizabeth The City University of New York	Sex differences in FosB expression in reward circuit after administration of cocaine, methamphetamine, and cannabinoids (Page 22)
Dermody, Sarah University of Pittsburgh	Risk of polysubstance use and co-occurring internalizing and externalizing symptoms among adolescent sexual minority girls (Page 31)
Duan, Yinghui University of Connecticut	Effects of alcohol intake on balance and stability in older adults: a pilot study (Page 34)
Few, Lauren Washington University	Non-heterosexual identity and substance use disorders: The mediating role of borderline personality disorder features (Page 24)
Fogel, Jessica University of Kentucky	Predictors of the response to oral Δ^9 -THC in regular cannabis users: Focus on sex differences (Page 22)
Fukaya, Erin University of Hawaii Manoa	Motor development in children prenatally exposed to methamphetamine and tobacco (Page 26)
Horner, Michelle University of Pittsburgh	Differential influence of prenatal maternal aggression on childhood externalizing symptoms and adolescent substance use by gender (Page 28)
Lasopa, Sonam University of Florida	Gender differences in risk factors for nonmedical use of prescription stimulants among youth 10 to 18 years in the US (Page 38)
Lee, Kristin University of Hawaii Manoa	Sex differences in cognition and behaviors in children with family history of substance use disorders (Page 22)
Levine, Amanda University of Windsor	Predictors of retention in methadone maintenance treatment differ by gender (Page 13)

Lewis, Ben University of Florida	Characterizing sex differences among pain medication abusers (Page 33)
Lopez, Alexa University of Vermont	Effects of smoking cessation on postpartum depression (Page 31)
Martelle, Susan E Wake Forest University	Dopamine D3 receptor availability: Sex differences and effects of chronic drug exposure (Page 22)
McHugh, Kathryn R. Mclean Hospital Harvard Medical School	Anxiety sensitivity and the discrepancy between motivation to change and perceived ability to change (Page 35)
Meyer, Jaimie Yale University	Longitudinal gender differences in HIV and criminal justice outcomes (Page 32)
Meyer, Andrew University of Vermont	Gender differences in smoking and treatment outcome among opioid maintained smokers (Page 33)
Neelakantan, Harshini Temple University	Progressive ratio responding for morphine is differentially altered in the presence of chronic peripheral neuropathy in male versus female C57Bl/6 mice (Page 22)
Nygaard, Stephanie Hunter Collage The City University of New York	Region specific sexually dimorphic intracellular responses after cocaine-induced conditioned place preferences expression (Page 22)
Peltier, Mackenzie Louisiana State University	Exploring gender in response to provocative stimuli in limbic regions of interest among cocaine users (Page 14)
Pomm, David Virginia Commonwealth University	Caffeine withdrawal in college students: Differences by gender and beverage type (Page 11)
Thamotharan, Sneha Texas A&M University	Emerging adult gender differences in sexual discounting and HIV risk behavior (Page 21)
Wang, An-Li University of Pennsylvania	Increased ventral striatum activation in response to heroin cues in heroin-dependent women after extended-release naltrexone injection (Page 23)
Wilson, Michael University of Illinois at Chicago	Sex differences in cognitive and motor impulsivity among users of different classes of drugs in protracted abstinence (Page 14)

NIDA'S WOMEN & SEX/GENDER DIFFERENCES JUNIOR INVESTIGATOR 1999 – 2013 TRAVEL AWARDEES

1999

Linda Chang
Tom Eisenberg
Robert Freeman
Wendy Lynch
Michelle Pilati
Tanya Telfair Sharp

2000

Sharon M. Benedict
Scott F. Coffey
Igor Elman
Sonja Frison
Carolyn Furr-Holden
Sascha Griffing
Louis Holdstock
Marianna E. Jung
Mikhail Kalinichev
Julia Y.S. Kim
Jody L. Kulstad
Jane Liebschutz
Gloria M. Miele
Maureen Miller
Sonia Minnes
Erik R. Rasmussen
Liesbeth Reneman
Megan E. Roth
Alyson Schuster
Cathy A. Simpson
Yong S. Song
Janet C. Titus
Giao Q. Tran
Courtney V. Valdez
Wenxia Zhou
Zoran Zimolo

2001

Sudie E. Back
Andrew C. Barrett
Kimberly A. Blanchard
Carrie A. Bowen
Marcy J. Bubar
Kelly P. Cosgrove
Catherine M. Dormitzer
Teresa R. Franklin
Tony P. George
Maria A. Gomez-Serrano
Staci A. Gruber
Maureen Hillhouse
Marianna E. Jung

Katherine Karlsgodt
Sheri Kendall-Eagleson
Carolynn S. Kohn
Marguerite P. Laban
Christina N. Lessov
Katherine H. McVeigh
Nena P. Messina
Donna R. Miles
Laura A. Schleifer
Sohaila Shakib
Carla Storr
Jolan M. Terner
Alan H. Tseng
Ellen Wolfe
Li-Tzy Wu
Rebecca M. Young
Wenxia Zhou

2002

Andrew C. Barrett
Klark Bennett
Veronica Bisagno
Jessica Dean
Jay C. Elliott
Eugene D. Festa
Colin N. Haile
Sara M. Handy
Carlos Hernandez-Avila
Sharon D. Johnson
Lynne M. Kemen
Wendy J. Lynch
Sherry A. McKee
Aimee L. McRae
Katherine J. McVeigh
Fumi Mitsuishi
Christina J. Nelson
Jessica M. Peirce
Marc N. Potenza
Lynda Payne
Jovita F. Randal
Kara S. Riehman
Megan E. Roth
Scott Russo
Pilar M. Sanjuan
Valerie J. Slaymaker
Anna Söderpalm
Erin C. Stoffel
Carolyn H. Stone
Jolan M. Terner

2003

Arpana Agrawal
Jeffery C. Batis
Kelly A. Carrigan
Christine C. Cloak
Amy M. Duhig
Kathryn L. Hamilton
Sarah H. Heil
Mary M. Heitzeg
Tzipora Kuba
Elizabeth Lapoczka
Joshua A. Lile
Charles W. Mathias
Alessandra Milesi-Halle
Maria Mouratidis
Jo Cara Pendergrass
Michele L. Pergadia
Jennifer M. Phillips
Stephanie L. Rock
Juliette K. Roddy
Lori E. Ross
Deborah Scharf
Gregory R. Simpson
Erin C. Stoffel
Adriana M. Tucci
Karen A. Tucker
Carmella Walker
Alexander Y. Walley
Amy M. Windham
Helen Z. Wu
Xiang-Y. Zhang
Molly E. Zimmerman

2004

Declan T. Barry
Courtney Breen
Wilma J. Calvert
Joy E. Chudzynski
Stephanie L. Collins
Charles D. Cook
Katherine O. Courtney
Karin M. Eyrich
Anita F. Fernander
Leah J. Floyd
Kate E. Fothergill
Nancy A. Haug
Scott M. Hyman
Martha A. Jessup
Matthew W. Johnson
Lynne M. Kemen

Daniel D. Langleben
Chiang-Shan R. Li
Nikeea Linder
Lisa M. Lomas
M. Maldonado-Molina
Jesse Mason
Sean E. McCabe
Nena P. Messina
Susan Mikulich-Gilbertson
Michael H. Mohammadi
Arbi Nazarian
Vicki A. Nejtck
Bronson F. Oosterhuis
Jennifer L. Perry
Rajeev Ramchand
Punita K. Sunder
Annelyn Torres-Reverc3n
Lei-nei Wan
Yan Wang
Catherine Woodstock- Striley
Mansoon Yu

2005

Stephanie Afful
Alicia Allen
Sudie Back
Soojeong Bae
Ain Chung
Kelly Cosgrove
Catherine Davis
Frank Dillon
Catherine Domier
Mark Ferris
Andrea Gordon
Kerry Grohman
William J. Kowalczyk
Steven LaRowe
Erin Larson
Adam Leventhal
Sarah Meshberg-Cohen
Marc Mooney
Ashley Myracle
Noosa Niv
Joshua Ode
Prashni Paliwal
Gail Pereira Do Carmo
Sarah Podolin
Andrea Stone
Jesse Suh
Jean Sumner
Dawn Thatcher
Karen Weierstall
Maria Zarza

2006

Lynn M. Anderson
Justin J. Anker
Shanna Babalonis
Vinita Batra
Jeffrey C. Batis
Kipling Bohnert
Wendy Beth Bostwick
Gregory Breeden
Ya-Fen Chan
Emma Childs
Marc L. Copersino
Christine Coyne
Matthew W. Feltenstein
Lesley L. Green
Jennifer R. Havens
Deirtra A. Hunter
Brian C. Kelly
Katherine Keyes
Bethea Kleykamp
Benjamin P. Kowal
Joshua A. Lile
Jennifer L. Newman
Elizabeth Reynolds
Deborah Rinehart
Allison V. Schlosser
Wei-Lun Sun
Yan Wang
Andrea H. Weinberger
Rinah Yamamoto

2007

Nicole J. Amador
Justin J. Anker
Emma Childs
Chris S. Culbertson
Melissa A. Davey-Rothwell
Catherine L. Dempsey
Matt W. Feltenstein
Tracie J. Gardner
Eugenia C. Garvin
Tonya M. Gerald
Lilian A. Ghandour
Valerie S. Harder
Emily L.R. Harrison
Mathilde M. Husky
Jennifer E. Johnson
Monique B. Kelly
Kerry A. Kerstetter
Kristin M. Lester
Orna Levran
Silvia S. Martins
Clifford C. Michaels

Peter T. Morgan
Megan E. Piper
Peter G. Roma
Katharine M. Seip
Michele Staton-Tindall
Golfo K. Tzilos
Tomoko Udo
Karla D. Wagner
Mary Waldron
Matthew T. Weaver

2008

Alexis W. Ary
Jeffery C. Batis
Amy S. Buchanan
Ya-Fen Chan
Hui Cheng
Carla K. Danielson
Amy C. Janes
Du Jiang
Kerry A. Kerstetter
Stephen J. Kohut
Tanja C. Link
Catalina Lopez-Quintero
Jamie E. Mangold
R. Kathryn McHugh
Carrie B. Oser
Jennifer G. Plebani
Mirjana Radovanovic
Deborah J. Rinehart
Sarah C. Roberts
Ty S. Schepis
Lisa M. Shannon
Anne E. Smith
Courtney E. Smith
Oriana Vesga-Lopez
Mary Waldron
Monique E. Wilson
Peggilee Wupperman
Ellena S. Zakharova

2009

Oluwayimika Adelaja
Alicia Allen
Shanna Babalonis
Deanne M. Buffalari
Michelle Burns
Manuel M. Catacora
Courtenay Cavanaugh
Victoria H. Coleman
Brett Froeliger
Lauren Harte
Ana Hilde
Nathan A. Holtz

Stuart King
Janet S. Kuramoto
Magalie Lenoir
Neely Mahapatra
Prashanthi Mainampally
Kimber L. Price
Sarah C. Roberts
Veena Satyanarayana
Courtney E. Smith
Zu-in (Shelley) Su
Evelyne M. Tschibelu
Elizabeth E. Van Voorhees
Alexa A. Wakley
Yukiko Washio
Liliane Cambraia Windsor
Luyi Zhou

2010

Leah Comment
Carrol D'Sa
Ashely Dibble
Tera Fazzino
Hélène Géniaux
Rollin Hawkins
Amber Holbrook
Alicia Hulbert
Leila Islam
Kerry Kerstetter
Yulia Khodneva
Grace Kong
Katie Lawson
Grace Lee
Jennifer Lorvick
Typhanye Penniman
Khampaseuth Rasakham
Stella Resko
Deborah Rinehart
Zila Meer Sanchez
Allison Sepulveda
Lisa Shannon
Nora Siegel
Suzanne Spear
Kelly Stewart
Sara Varner
Jan Weiner

2011

Rebecca Ashare
Brendan Clark
Marcel de Dios
Amanda Elton
Irina Esterlis
Diann Gaalema
Rachael Gonzales
Nathan Holtz
Amy Janes
Kerry Kerstetter
Hedy Kober
Alexa Lopez
Yasmin Mashhoon
Tina Mathew
Meghan Morris
Harshini Neelakantan
Katelin Nickel
Stephanie Nygard
Catina O'Leary
Carmela Reichel
Lindsey Robertson
Daniel Roche
Crystal Schiller
Sneha Thamocharan
Frances Valencia
Molly Wilson-Murphy
Luyi Zhou

2012

Natalie Bruner
Junran Cao
Yen-Jung Chang
Lian-Yu Chen
Brittney Cox
Natania Crane
Elise DeVito
Yun Han
Kathi Harp
Krista Lange
Libo Li
Amy Loree
Karsten Lunze
Lisa McFadden
Jason Paris
JoAnna Perry
Alexis Peterson
Erin Pullen
Carolina Ramôa
Carmela Reichel
Jennifer Slane
Megan Smith
Philip Smith
Azure Thompson

Tomoko Udo
Yukiko Washio
Kim Young

2013

Melanie Canterbury
Natania Crane
Mihai Dumitrescu
Eugene Dunne
Annesea Flentje
Brett Froeliger
Nathalie Goletiani
Dennis Hand
Lauren Hearn
Maria Levi Minzi
Alexa Lopez
Caitlin Martin
Elizabeth Meier
Verena Metz
Verica Milivojevic
Melanie Mueller
Lindsay Oberleitner
Rikki Patton
Preeta Saxena
Catherine Spellicy
Denise Vidot
Kate Walsh
Reagan Wetherill
Nikki Wooten
Yang Yang
Justin Yates
Natalie Zlebnik

Oral Communications 2

**BALLROOM A
3:45 - 4:45 PM**

BREAKING THE ICE: METHAMPHETAMINE TREATMENT TARGETS

Chairs: William W. Stoops and Walter Ling

4:00 *Preclinical efficacy of an anti-methamphetamine vaccine with an E6020 adjuvant*

R. Arora^{1,2}, T. A. Kosten³, R. S. Bennett^{1,2}, B. M. Kinsey², F. M. Orson^{1,2}, T. R. Kosten^{1,2},
¹Baylor College of Medicine, Houston, TX, ²MEDVAMC, Houston, TX, ³University of
Houston, Houston, TX



Poster Session I (Breakfast)

**GRAN SALON
LOS ROSALES
8:00 - 10:00 AM**

**Odd-numbered posters manned first hour;
Even-numbered, second hour**

**Set-up time begins Sunday 1:00 PM
Must be removed by Monday 12:00 Noon**

STIMULANTS - HUMANS I

- 1 *Caffeine withdrawal in college students: Differences by gender and beverage type*
D. Pomm, D. Svikis, P. Dillon, D. Dick, K. Kendler, Virginia Commonwealth University, Richmond, VA
- 3 *Understanding the buzz about energy drink use in college students*
P. Dillon, D. Svikis, D. Pomm, L. Thacker, K. Kendler, D. Dick, Virginia Commonwealth University, Richmond, VA
- 4 *Risk factors for consumption of energy drinks, alcohol and both among a sample of youth from 10 U.S. metropolitan areas*
S. R. Khan, S. O. Lasopa, L. Cottler, C. W. Striley, Epidemiology, University of Florida, Gainesville, FL
- 5 *Energy drink consumption and other drug use in male and female eighth, tenth, and twelfth graders*
K. M. Polak, P. Dillon, S. Girma, R. Koch, D. Svikis, Virginia Commonwealth University, Richmond, VA
- 18 *Dependence on amphetamines increases Parkinson's disease: Effect of gender*
G. R. Hanson, A. E. Fleckenstein, K. Curtin, University of Utah, Salt Lake City, UT

ADOLESCENT DRUG ABUSE I

- 22 *Teens' vulnerability to substance use disorder: Excess reward or deficient inhibition?*
T. J. Crowley¹, M. S. Dalwani¹, S. K. Mikulich-Gilbertson¹, S. Young¹, S. K. McWilliams¹, K. M. Raymond¹, M. Roark¹, M. T. Banich², ¹University of Colorado, Denver, CO, ²University of Colorado, Boulder, CO
- 24 *Longitudinal trajectories of disinhibitory personality and behavioral constructs across early to middle adolescence*
V. Brown, A. Collado, J. Felton, J. M. Shadur, L. MacPherson, C. W. Lejuez, Psychology, University of Maryland, College Park, College Park, MD
- 29 *Beyond an adolescent's first occasion of using prescription pain relievers extra-medically: Associations with sex and with alcohol involvement*
M. A. Parker, J. C. Anthony, Michigan State University, East Lansing, MI
- 35 *Drug-using ED assault-injured youth: 2-year prospective study of violent injury and mortality*
R. Cunningham³, P. Carter³, M. Zimmerman³, F. C. Blow², B. M. Booth¹, M. A. Walton², ¹Univ of Arkansas, Little Rock, AR, ²Department of Psychiatry, Univ of Michigan, Ann Arbor, MI, ³Injury Center, Univ of Michigan, Ann Arbor, MI

- 37 *Exploring the effects of alcohol and marijuana use on experience of teen dating violence among high school students in Maryland*
E. Parker¹, C. Bradshaw^{1,2}, K. Debnam¹, A. J. Milam^{1,3}, C. D. Furr-Holden¹, ¹Department of Mental Health, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, ²Curry School of Education, University of Virginia, Charlottesville, VA, ³School of Medicine, Wayne State University, Detroit, MI
- 40 *Maternal impulsivity as a predictor of adolescent smoking status*
A. Herrick¹, S. Fields¹, B. Reynolds², P. Pirie³, ¹Psychology, Texas A&M University, College Station, TX, ²Behavioral Science, University of Kentucky College of Medicine, Lexington, KY, ³Ohio State University, Columbus, OH

NICOTINE I

- 42 *Prenatal intravenous nicotine exposure enhances methamphetamine sensitization and alters BDNF levels in adult rat offspring*
R. T. Lacy¹, A. J. Morgan², R. W. Brown³, M. K. Perna³, S. B. Harrod², ¹Psychology, Davidson College, Davidson, NC, ²Psychology, University of S. Carolina, Columbia, SC, ³Psychology, E. Tennessee State University, Johnson City, TN

THC AND CANNABINOIDS

- 59 *Does marijuana increase risk for dating violence victimization or perpetration?: Results of a meta-analysis*
E. F. Rothman¹, R. M. Johnson³, K. Pettoruto¹, M. Lavalley², ¹Community Health Sciences, Boston University School of Public Health, Boston, MA, ²Biostatistics, Boston University School of Public Health, Boston, MA, ³Johns Hopkins University, Baltimore, MD
- 61 *Does health status influence attitudes about and use of medical marijuana? Findings from a general population survey in California*
C. E. Grella¹, S. Cochran², V. Mays³, ¹Integrated Substance Abuse Programs, University of California, Los Angeles, CA, ²Public Health, University of California, Los Angeles, CA, ³Psychology, University of California, Los Angeles, CA
- 63 *Recent cannabis use among adolescent and young adult immigrants in the Netherlands: The roles of acculturation strategy and linguistic acculturation*
M. Delforterie^{1,2}, H. Creemers^{1,2}, A. Huizink¹, ¹Faculty of Psychology & EMGO, VU University, Amsterdam, Netherlands, ²Child Development and Education, University of Amsterdam, Amsterdam, Netherlands

CLUB DRUGS

- 88 *Synthetic cannabinoid use among treatment seeking substance users*
M. A. Kelly, J. J. Mariani, A. Glass, M. Pavlicova, A. Radin, F. R. Levin, Psychiatry, Substance Abuse, Columbia/New York State Psychiatric Institute, New York, NY

BEHAVIOR

- 97 *Aerobic exercise decreases speedball self-administration in female rats*
J. C. Strickland, R. T. Lacy, M. K. Brophy, M. A. Witte, M. A. Smith, Davidson College, Davidson, KY
- 101 *Choice self-administration in the HIV-1 transgenic rats: A perspective on compulsive behavior*
C. F. Mactutus, S. B. Harrod, S. J. Bertrand, A. J. Morgan, M. N. Cranston, R. M. Booze, Psychology, University of South Carolina, Columbia, SC

- 102 *HIV-1 transgenic rats exhibit attenuated cocaine-mediated increase in synaptosomal [3H] dopamine uptake in striatum following cocaine self-administration*
J. Zhu¹, B. J. Bertrand², S. B. Harrod², C. F. Mactutus², R. M. Booze², ¹Drug Discovery and Biomedical Sciences, South Carolina College of Pharmacy, University of South Carolina, Columbia, SC, ²Psychology, University of South Carolina, Columbia, SC
- 108 *Oxycodone-induced conditioned place preference and locomotor activity in adult female C57BL/6J mice*
D. T. Collins, M. Kreek, Y. Zhang, The Laboratory of the Biology of Addictive Disease, The Rockefeller University, New York, NY

OPIOIDS I

- 125 *Opioid deaths or polydrug/multi-cause deaths?*
J. G. Erensen, J. D. Haddox, Health Policy, Purdue Pharma L.P., Stamford, CT
- 127 *Risk factors associated with overdose among patients seeking treatment for opioid dependence*
E. L. Winstanley¹, A. Clark², ¹Psychiatry & Behavioral Neuroscience, University of Cincinnati, Cincinnati, OH, ²Nursing, University of Cincinnati, Cincinnati, OH
- 130 *Is opioid dose a strong predictor of the risk of opioid overdose?: Important confounding factors that change the dose-overdose relationship*
A. DeVeugh-Geiss, P. Coplan, A. Kadakia, H. Chilcoat, Purdue Pharma LP, Stamford, CT
- 134 *Comparison between former opiate addicts on methadone maintenance treatment and medication free for ≥ 10 years*
E. Peles, A. Sason, O. Tene, Y. Domany, S. Schreiber, M. Adelson, Adelson Clinic for Drug Abuse Treatment & Research, Psychiatry, Tel-Aviv Medical Center, Tel-Aviv University, Tel-Aviv, Israel
- 135 *Characterizing interpregnancy intervals of opioid-maintained women*
C. L. Bergeria¹, D. Hand², M. Meyer³, S. T. Higgins^{1,2}, S. C. Sigmon^{1,2}, S. H. Heil^{1,2}, ¹Psychology, University of Vermont, Burlington, VT, ²Psychiatry, University of Vermont, Burlington, VT, ³Obstetrics & Gynecology, University of Vermont College of Medicine, Burlington, VT
- 136 *Characteristics and quality of life of opioid-dependent pregnant women in Austria*
V. Metz^{1,2}, S. D. Comer¹, J. Wuerzl², A. Pribasnik², G. Fischer², ¹Psychiatry, NYSPI & Columbia University, New York, NY, ²Medical University of Vienna, Vienna, Austria
- 137 *Stigma management for women in recovery*
A. Gunn, ¹University of Chicago, Chicago, IL, ²National Development Research Institutes, Inc, New York, NY
- 138 *Examining the association between methadone maintenance treatment and body mass index*
S. C. Sigmon¹, J. Fenn², ¹Psychiatry, University of Vermont, Burlington, VT, ²Nursing, University of Vermont, Burlington, VT
- 139 *Risk-taking behavior over 36-month follow-up treatment in outpatient opioid maintenance treatment program*
J. Daulouède^{1,2}, C. M. Denis¹, M. Fatseas¹, V. Beltran^{1,2}, M. Auriacombe^{1,2}, ¹Addiction Psychiatry, Univ. Bordeaux / CNRS USR 3413, Bordeaux, France, ²Addiction Treatment Center, Bizia, Bayonne, France
- 143 *Predictors of retention in methadone maintenance treatment differ by gender*
A. R. Levine, L. H. Lundahl, D. M. Ledgerwood, M. K. Greenwald, Wayne State University, Detroit, MI

HIV/HCV I

- 159 *Drug use and response to alcohol intervention among HIV+ men and women*
J. C. Elliott¹, E. Aharonovich^{1,2}, D. S. Hasin^{1,2}, ¹Columbia University Medical Center, New York, NY, ²New York State Psychiatric Institute, New York, NY
- 162 *Support, traumatization, and employment differences in drug court outcomes*
D. Morse¹, C. Cerulli¹, S. Bandyopadhyay², J. J. Guido², H. Yang², J. L. Wilson¹, F. Taxman³, ¹Psychiatry, University of Rochester School of Medicine, Rochester, NY, ²Biostatistics, University of Rochester School of Medicine, Rochester, NY, ³Criminology, Law & Society, George Mason University, Fairfax, VA

Oral Communications 6

BALLROOM A
10:00 - 12:00 PM

SEX, DRUGS AND RANDOMIZED TRIALS

Chairs: Teresa Franklin and MacKenzie R. Peltier

- 10:00 *Influence of sex on gray matter volume differences between smokers and nonsmokers*
T. R. Franklin, R. Wetherill, K. Jagannathan, B. Johnson, J. Mumma, N. Hager, H. Rao, A. Childress, University of Pennsylvania, Philadelphia, PA
- 10:15 *Sex differences in impulsivity and brain volumes in methamphetamine users*
S. Kogachi, L. Chang, C. Jiang, D. Alicata, T. Ernst, University of Hawaii, Honolulu, HI
- 10:30 *Exploring gender in response to provocative stimuli in limbic regions of interest among cocaine users*
M. R. Peltier^{1,2}, M. Canterberry², C. A. Hanlon², ¹Louisiana State University, Baton Rouge, LA, ²Medical University of South Carolina, Charleston, SC
- 10:45 *Delay discounting in current, ex, and non-smokers: Interactions with gender*
A. Quisenberry, C. Franck, M. N. Koffarnus, W. K. Bickel, Virginia Tech Carilion Research Institute, Roanoke, VA
- 11:00 *Sex differences in cognitive and motor impulsivity among users of different classes of drugs in protracted abstinence*
M. J. Wilson¹, G. Vasilev², F. Moeller³, J. Vassileva¹, ¹Psychiatry, University of Illinois at Chicago, Chicago, IL, ²Bulgarian Addictions Institute, Sofia, Bulgaria, ³Psychiatry, Virginia Commonwealth University, Richmond, VA
- 11:15 *Gender differences in use of alternative tobacco products among daily and nondaily smokers*
A. M. Allen¹, C. Mathur², T. S. Scheuermann³, N. Nollen³, D. Hatsukami⁴, J. Ahluwalia³, ¹Family Medicine & Community Health, University of Minnesota, Minneapolis, MN, ²Internal Medicine, University of Minnesota, Minneapolis, MN, ³Preventive Medicine & Public Health, University of Kansas, Kansas City, KS, ⁴Psychiatry, University of Minnesota, Minneapolis, MN
- 11:30 *Evidence of gender-specific telescoping effects in chronic, regular heroin users*
J. J. Stoltman, E. A. Woodcock, L. Lundahl, M. K. Greenwald, Psychiatry, Wayne State University, Detroit, MI
- 11:45 *Sex differences in depressive-like effects of kappa opioid receptor activation in rats*
J. Mays, D. Puttick, S. Russell, E. Chartoff, Psychiatry, Harvard Medical School, Belmont, MA

Symposium VIII

BALLROOM A
2:00 - 4:00 PM

THE EFFECTS, USE PATTERNS AND YOUTH PERCEPTION OF ELECTRONIC CIGARETTES

Chairs: Robert Balster and Thomas Eissenberg

- 2:00 *Acute effects of electronic cigarettes in adults: Nicotine delivery and abuse liability*
Thomas Eissenberg, Virginia Commonwealth University Institute for Drug and Alcohol,
Richmond, VA
- 2:25 *Results from a large survey of electronic cigarette users*
Jonathan Foulds, Penn State University, Hershey, PA
- 2:50 *Perceptions about electronic cigarettes among adolescents and young adults*
Suchitra Krishnan-Sarin, Yale University, New Haven, CT
- 3:15 *Trajectories of electronic cigarette use among young adults*
Erin L. Sutfin, Wake Forest University, Winston-Salem, NC
- 3:40 *DISCUSSANT:*
Warren K. Bickel, Virginia Tech University, Roanoke, VA

Oral Communications 7

BALLROOM C
2:00 - 4:00 PM

WHAT'S THE BUZZ ON ALCOHOL?

Chairs: Kelly E. Dunn and Elise Weerts

- 2:30 *Do medications impact treatment outcomes? XR-NTX in county-funded treatment*
D. A. Crevecoeur-MacPhail¹, S. J. Cousins¹, J. Barger², D. Bennett¹, E. Vasquez¹, W. Sugita²,
R. Rawson¹, ¹Psychiatry, UCLA Integrated Substance Abuse Programs, Los Angeles, CA,
²Department of Public Health, Substance Abuse Prevention and Control, Alhambra, CA
- 3:15 *Alcohol drinking and related behaviors in hypothalamic-specific POMC-deficient mice*
Y. Zhou¹, M. Rubinstein², M. J. Low³, M. Kreek¹, ¹Rockefeller Univ, NY, NY, ²Univ Buenos
Aires, Buenos Aires, Argentina, ³Univ Michigan, Ann Arbor, MI
- 3:45 *Alcohol dependence, gender, and cortisol response predict amygdala response pattern to fMRI
stress task*
N. E. Wright¹, C. B. Padula⁴, K. E. Maple¹, R. Anthenelli², E. Nelson³, K. M. Lisdahl¹,
¹Psychology, University of Wisconsin-Milwaukee, Milwaukee, WI, ²University of California
San Diego, San Diego, CA, ³University of Cincinnati, Cincinnati, OH, ⁴VA Palo Alto Health
Care System, Palo Alto, CA

Oral Communications 8

SAN CRISTOBAL

2:00 - 4:00 PM

SAY NO TO BLOW: COCAINE TREATMENT TARGETS

Chairs: Jun-Xu Li and Wilfrid N. Raby

3:15 *A multi-site, double-blind, placebo-controlled pilot clinical trial to evaluate the efficacy of buspirone as a relapse-prevention treatment for cocaine dependence*

T. Winhusen¹, D. Lewis¹, G. Sharma², S. Sparenborg³, ¹University of Cincinnati, Cincinnati, OH, ²EMMES Corp., Rockville, MD, ³NIDA, Bethesda, MD



Chair: Steven W. Gust

EPIDEMIOLOGY

200. *Access to services for women with addiction in Eastern Europe*
A.O. Abagiu¹, P. Dolezalova², Z. Alexandercikova³, J.K. Csorba⁴, V. Bogdanova⁵, B. Habrat⁶, A. Ivancic⁷, A. Kastelici⁸. ¹National Institute for Infectious Diseases Prof. Dr. Matei Bals, ARENA OST Center, Romania; ²Clinic of Addictology, Medical Faculty, Charles University, Czech Republic; ³Center for Treatment of Drug Dependencies, Slovakia; ⁴Drug Outpatient and Prevention Center, Nyiro Gyula Hospital, Hungary; ⁵National Center for Addictions, Drug Demand Reduction Department, Bulgaria; ⁶Institute of Psychiatry and Neurology, Poland; ⁷Center for Addiction Treatment, Croatia; ⁸Center for Treatment of Drug Addiction, University Psychiatric Hospital, Slovenia
205. *Tobacco use and exposure to secondhand smoke in Mexican pregnant women*
O. Campollo¹, F. Hernandez², E. Angulo³, A. Guzman², A. Munguia¹, M. Garcia¹, J.K. Cunningham⁴. ¹Center of Studies on Alcohol and Addictions, CUCS, Universidad de Guadalajara, Hospital Civil de Guadalajara, Mexico; ²Obstetrics Department, Antiguo Hospital Civil de Guadalajara, Mexico; ³Neonatology Department, Antiguo Hospital Civil de Guadalajara, Mexico; ⁴Department of Family and Community Medicine, The University of Arizona, United States
209. *Secondhand smoke exposure among working women in a developing country: The Jordanian case*
O. El-Shahawy^{1,2}, L. Haddad³. ¹School of Medicine, Virginia Commonwealth University, United States; ²General Medical Management, Ain Shams University, Egypt; ³School of Nursing, Virginia Commonwealth University, United States
211. *Male and female differences in the prevalence of ever use of illegal drugs in Peru*
F. Fiestas¹, J. Beltran¹, A. Burela¹, M. Piazza^{1,2}. ¹Instituto Nacional de Salud, Peru; ²Universidad Peruana Cayetano Heredia, Peru
225. *Brazilian crack cocaine users: Preliminary results from a nationwide survey*
M. Malta¹, N. Bertoni², F.I. Bastos². ¹Social Science Department, Sergio Arouca School of Public Health, Oswaldo Cruz Foundation, Brazil; ²Institute of Scientific and Technological Communication and Information in Health, Oswaldo Cruz Foundation, Brazil
231. *Female cocaine users are at excess risk of becoming cocaine dependent soon after onset of cocaine use: Estimates for the United States, 2002–2011*
A.M. Mohammed, J.C. Anthony. Research Training in Drug Dependence Epidemiology Program, Michigan State University, United States

237. *Association between highly active antiretroviral therapy nonadherence and tobacco use in women living with human immunodeficiency virus in public hospital in Lima, Peru*
R.F. Pena-Olano¹, H. Maldonado-Ruiz¹, J.C. Bazo¹, J. Echevarría^{1,2,3}, E. Gotuzzo^{1,2,3}.
¹Cayetano Heredia University, Peru; ²Cayetano Heredia National Hospital, Peru;
³Institute of Tropical Medicine “Alexander Von Humboldt”, Peru
244. *Association of intimate partner violence with cigarette smoking before and during pregnancy, 2004–2008 births*
S. Salimi¹, M. Terplan², M. Chisolm³, D. Cheng⁴. ¹Department of Medicine, School of Medicine, University of Maryland, United States; ²Department of Obstetrics, Gynecology and Reproductive Sciences and Department of Epidemiology and Public Health, School of Medicine, University of Maryland, United States; ³Department of Psychiatry and Behavioral Sciences, School of Medicine, Johns Hopkins University, United States; ⁴Maternal and Child Health Bureau, Maryland Department of Health and Mental Hygiene, United States
247. *Do females and males behave differently on the road under the influence of alcohol and other drugs?*
T. Sousa¹, G. Pasa¹, J. Lunnen², F. Pechansky². ¹Center for Drug and Alcohol Research, Federal University of Rio Grande do Sul, Brazil; ²Johns Hopkins International Injury Research Unit, Bloomberg School of Public Health, Johns Hopkins University, United States
250. *Socio-demographic and clinical characteristics of crack cocaine consumer pregnant and puerperal women*
C.M. Szobot¹, V. Mardini¹, G. Bocchese da Cunha², S.H.D.A. Martins-Costa¹, F. Guarienti¹, L. Manna³, T.G. Pianca¹, F. Pechansky¹, L.A.P. Rohde¹, F. Kapczinski¹, K. Cereser¹, M. L. Zavaschi¹. ¹Federal University of Rio Grande do Sul, Hospital de Clínicas de Porto Alegre, Brazil; ²Hospital Materno Infantil Presidente Vargas, Brazil; ³Lutheran University, Brazil
253. *Female opioid users may be at excess risk of becoming dependent soon after extra medical prescription pain reliever use in adolescence but not in young adulthood: Estimates for the United States, 2002–2011*
H-H. Yeh, J.C. Anthony. Department of Epidemiology and Biostatistics, Michigan State University, United States

PREVENTION

410. *Study attrition among HIV-infected Russian risky drinkers*
T. Kiriazova^{1,2,3}, D.M. Cheng¹, S.M. Coleman¹, E. Blokhina⁴, E. Krupitsky^{4,5}, M.C. Lira², C. Bridden², A. Raj⁶, J.H. Samet^{1,2}. ¹Boston University, United States; ²Boston Medical Center, United States; ³Future Without AIDS Foundation, Ukraine; ⁴First St. Petersburg Pavlov State Medical University, Russia; ⁵St. Petersburg Bekhterev Research Psychoneurological Institute, Russia; ⁶University of California, San Diego, United States

413. *A review of substance abuse and related harms among indigenous women in Canada: Prevention, resilience, and treatment*
D. Morisano^{1,2}, R. Linklater¹, S. Cunning¹. ¹Centre for Addiction and Mental Health, Canada; ²University of Toronto, Canada
418. *Contraceptive practices and reproductive health needs among female sex workers who inject drugs in two Mexican-United States border cities*
A. Servin. University of California, San Diego, United States
419. *A stepped-wedge randomized cluster trial assessing reductions in HIV risk and amphetamine-type stimulant use among women engaged in sex work in Cambodia*
E. Stein¹, J. Evans¹, A. Carrico¹, M. Sokunny², C. Srean², A. Weissman², S. Ngak², C. Sophal³, N. Yuthea⁴, L. Maher⁵, K. Page¹. ¹University of California, San Francisco, United States; ²FHI 360, Cambodia; ³Royal Cambodian Government, Ministry of Health, Cambodia; ⁴National Authority to Combat Drugs, Cambodia; ⁵The Kirby Institute for Health and Immunity, University of New South Wales, Australia

TREATMENT

503. *Effects of maternal opioid maintenance therapy on neonatal outcomes: Methadone versus buprenorphine*
L. Brandt¹, S. Fischberger², C. Aschauer², R. Jagsch³, G. Fischer^{1,2}. ¹Center for Public Health, Medical University of Vienna, Austria; ²Department for Psychiatry and Psychotherapy, Medical University of Vienna, Austria; ³Department of Applied Psychology, Health, Development, Enhancement and Intervention, University of Vienna, Austria
513. *Treatment of women with substance use disorder at high risk of stigmatization*
P. Dolezalova. Clinic of Addictology, Charles University, Czech Republic
530. *Preliminary evidence of injecting drug reduction from a woman-focused random controlled trial in Republic of Georgia*
I. Kirtadze¹, D. Otiashvili¹, K. O'Grady², H. Jones³, W. Zule⁴, E. Krupitsky⁵, W. Wechsberg⁴. ¹Addiction Research Center, Alternative Georgia, Georgia; ²Department of Psychology, University of Maryland, College Park, United States; ³University of North Carolina (UNC) Horizons, Department of Obstetrics and Gynecology, UNC at Chapel Hill, United States; ⁴RTI International, United States; ⁵Department of Addictions, Bekhterev Research Psychoneurological Institute, Russia
534. *Specialized women's track in methadone maintenance treatment clinic in Israel: Program description, client characteristics, and preliminary outcomes*
M. Lawental¹, H. Taylor², M. Blumenfeld², O. Zaslavsky³, T. Araten-Bergman¹. ¹School of Social Work, University of Haifa, Israel; ²Haifa Drug Abuse Treatment Center, Israel; ³School of Nursing, University of Haifa, Israel

542. *Continued methadone maintenance treatment among women: The first study on barriers*
Z.A. Mehrjerdi¹, A. Kiakojouri², K. Dolan¹, L. Arshad³, F. Rezaee⁴, H. Naranjiha⁵.
¹Program of International Research and Training, National Drug and Alcohol Research
Centre, University of New South Wales, Australia; ²Peyman Opiate and
Methamphetamine Use Treatment Clinic, Iran; ³Mikhak Female-Specific Drop in
Center, Iran; ⁴Sarzamin Khorshid Female-Specific Drop in Center, Iran; ⁵Darius
Institute, University of Social Welfare and Rehabilitation Sciences, Iran
543. *Correlates of perceived need for drug treatment among women from disadvantaged
communities in Cape Town, South Africa, enrolled into a randomized field experiment*
B. Myers^{1,2}, T.L. Kline³, I.A. Doherty³, T. Carney¹, W.M. Wechsberg^{3,4,5,6}. ¹Alcohol
and Drug Abuse Research Unit, South African Medical Research Council, South Africa;
²Department of Psychiatry and Mental Health, University of Cape Town, South Africa;
³RTI International, United States; ⁴Gillings Global School of Public Health, University
of North Carolina, United States; ⁵Psychology in the Public Interest, North Carolina
State University, United States; ⁶Psychiatry and Behavioral Sciences, Duke University
School of Medicine, United States



Poster Session II (Breakfast)

GRAN SALON
LOS ROSALES
8:00 - 10:00 AM

Odd-numbered posters manned first hour;
Even-numbered, second hour

Set-up time begins Monday, 1 PM
Must be removed by Tuesday 12 Noon

SEX/GENDER 1

- 1 *Sex differences in patterns of alcohol use among nightclub patrons in Brazil*
Z. M. Sanchez¹, S. Andreoni¹, A. Sanudo¹, S. S. Martins², ¹Department of Preventive Medicine, Universidade Federal de São Paulo, São Paulo, Brazil, ²Department of Epidemiology, Columbia University, New York, NY
- 2 *Profiling alcoholic drinking and dating psychological abuse in a sample of college students in China*
Y. Liu¹, Y. Duan^{2,4}, W. Chen¹, M. Li¹, Y. Wang¹, Y. Ma¹, S. Liu³, J. Grady⁴, H. Wu⁵, ¹School of Medicine, Ningbo University, Ningbo, China, ²Community Medicine & Healthcare, University of Connecticut Health Center (UCHC), Farmington, CT, ³Shanghai University of Traditional Chinese Medicine, Shanghai, China, ⁴Connecticut Institute for Clinical and Translational Science (CICATS), UCHC, Farmington, CT, ⁵Psychiatry, UCHC, Farmington, CT
- 3 *A review of substance abuse and related harms among indigenous women in Canada: Prevention, resilience, and treatment*
D. Morisano^{1,2}, R. Linklater¹, S. Cunning¹, ¹Centre for Addiction and Mental Health, Toronto, ON, Canada, ²University of Toronto, Toronto, ON, Canada
- 4 *Gender differences in hepatitis C risk behaviors*
A. Batchelder¹, C. L. Masson¹, J. Sorensen¹, D. Perlman², ¹University of California, San Francisco, CA, ²Beth Israel Medical Center, New York City, NY
- 5 *Sex and HIV serostatus effects on high-risk decision making*
E. Martin¹, R. Gonzalez², J. Vassileva³, P. Maki³, A. Bechara⁴, M. Brand⁵, ¹Rush University Medical Center, Chicago, IL, ²Florida International University, Miami, FL, ³University of Illinois, Chicago, IL, ⁴University of Southern California, Los Angeles, CA, ⁵University of Duisberg-Essen, Duisberg, Germany
- 6 *Emerging adult gender differences in sexual discounting and HIV risk behavior*
S. Thamocharan, S. Fields, Psychology, Texas A&M University, College Station, TX
- 7 *Gender differences in the influence of child sexual abuse on drug use and related health risks during young adulthood: The moderating effects of DRD4*
K. M. Nowotny, J. D. Boardman, Department of Sociology & Population Program, University of Colorado at Boulder, Boulder, CO
- 8 *Teen girls and boys of treated substance-abusing mothers*
A. Kadooka¹, H. Lanza², M. T. Schulte², L. Li², Y. Hser², ¹Hawaii School of Professional Psychology at Argosy University, Honolulu, HI, ²UCLA Integrated Substance Abuse Programs, Los Angeles, CA

- 9 *Sex-differences in cognition and behaviors in children with family history of substance use disorders*
K. Lee¹, L. Pritchett¹, G. Løhaugen^{2,3}, S. Kogachi¹, E. Fukaya¹, A. Hernandez¹, C. Jiang¹, D. Alicata¹, T. Ernst¹, L. Chang¹, ¹Medicine, University of Hawaii, Honolulu, HI, ²Pediatrics and Child Rehabilitation, Norwegian University of Science and Technology, Arendal, Norway, ³Laboratory Medicine, Norwegian University of Science and Technology, Trondheim, Norway
- 10 *Predictors of the response to oral Δ 9-THC in regular cannabis users: Focus on sex differences*
J. Fogel, T. Kelly, R. Charnigo, A. Harvanko, J. Lile, University of Kentucky, Lexington, KY
- 11 *Sexually dimorphic effects of early life experience and adolescent Δ -9-tetrahydrocannabinol exposure in the rat*
L. Silva¹, R. Black², D. Dow-Edwards¹, ¹SUNY Downstate Medical Center, Brooklyn, NY, ²Wellesley College, Wellesley, MA
- 12 *Evaluation of sex differences in cannabinoid withdrawal in rats*
J. A. Marusich¹, T. Lefever¹, R. Craft², J. L. Wiley¹, ¹RTI International, Research Triangle Park, NC, ²Washington State University, Pullman, WA
- 13 *Progressive ratio responding for morphine is differentially altered in the presence of chronic peripheral neuropathy in male vs. female C57Bl/6 mice*
H. Neelakantan, S. J. Ward, E. A. Walker, Temple University, Philadelphia, PA
- 14 *Effects of sex and remifentanyl dose on the acquisition of responding for a remifentanyl-associated stimulus*
J. W. Bertz, J. H. Woods, Pharmacology, University of Michigan, Ann Arbor, MI
- 15 *Effect of menstrual phase and social stress on cognitive performance of female monkeys*
S. A. Kromrey, P. W. Czoty, M. A. Nader, Physiology & Pharmacology, Wake Forest School of Medicine, Winston Salem, NC
- 16 *Region specific sexually dimorphic intracellular responses after cocaine-induced conditioned place preference expression*
S. K. Nygard^{1,2}, A. Klambatsen^{1,2}, V. Quinones-Jenab^{1,2}, S. Jenab^{1,2}, ¹Psychology, Hunter College, CUNY, New York, NY, ²Biopsychology and Behavioral Neuroscience, The CUNY Graduate School and University Center, New York, NY
- 17 *Sex differences in FosB expression in reward circuitry after administration of cocaine, methamphetamine, and cannabinoids*
C. Daly^{1,2}, A. Toussaint¹, M. Altubi¹, J. Encarnacion¹, S. Jenab^{1,2}, V. Quinones-Jenab^{1,2}, ¹Hunter College, New York, NY, ²Cuny Graduate Center, New York, NY
- 18 *Long-term cocaine self-administration in female cynomolgus monkeys: Changes in behavior and in dopamine transporters and D2-like receptor availability*
M. C. Rowe¹, S. H. Nader¹, A. N. Duke¹, R. Voll², L. Howell³, M. A. Nader¹, ¹Physiology & Pharmacology, Wake Forest University School of Medicine, Winston-Salem, NC, ²Radiology, Emory University School of Medicine, Atlanta, GA, ³Psychiatry, Emory University School of Medicine, Atlanta, GA
- 19 *Dopamine D3 receptor availability: Sex differences and effects of chronic drug exposure*
S. Martelle¹, S. H. Nader¹, P. W. Czoty¹, W. S. John¹, A. H. Newman², M. A. Nader¹, ¹Physiology and Pharmacology, WFUSM, Winston Salem, NC, ²Molecular Targets and Medications Discovery, NIDA-IRP, Baltimore, MD

STIMULANTS - ANIMALS I

- 30 *96-Hour methamphetamine self-administration in male and female rats: Effects on brain reward pathways*
E. M. Cornett, N. E. Goeders, Pharmacology, Toxicology, Neuroscience, LSU Health Sciences Center, Shreveport, LA

IMAGING

- 47 *Increased ventral striatum activation in response to heroin cues in heroin-dependent women after extended-release naltrexone injection*
A. Wang¹, K. Jagannathan¹, I. Elman², A. R. Childress¹, H. R. Kranzler¹, C. P. O'Brien¹, D. Langleben^{1,3}, ¹University of Pennsylvania, Philadelphia, PA, ²Harvard University, Cambridge, MA, ³Veterans Administration, Philadelphia, PA
- 58 *Prefrontal and parietal volumes and cognition in emerging adult marijuana users*
J. S. Price¹, T. McQueeney², S. Shollenbarger³, E. L. Browning³, J. Wieser³, K. M. Lisdahl³, ¹Psychiatry, McLean Hospital-Harvard Medical School, Belmont, MA, ²Psychology, University of Cincinnati, Cincinnati, OH, ³Psychology, University of Wisconsin-Milwaukee, Milwaukee, WI

ALCOHOL

- 63 *Sex-related differences in oral operant ethanol self-administration in C57BL/6J mice*
A. M. Stafford, D. H. Brunzell, Pharmacology and Toxicology, Virginia Commonwealth University School of Medicine, Richmond, VA
- 67 *Unique factors associated with young women in substance use treatment: Craving, impulsivity, emotion regulation, and physiological response*
C. Vinci^{1,2}, J. Schumacher¹, S. F. Coffey¹, ¹University of Mississippi Medical Center, Jackson, MS, ²G.V. (Sonny) Montgomery VAMC, Jackson, MS
- 69 *Planned disinhibition? Risky sexual behavior, problematic alcohol use, and gender*
R. MacLean, G. E. Shishkoff, S. J. Wilson, Psychology, Penn State, University Park, PA
- 72 *Maternal risk-taking propensity and children's alcohol use: A latent growth curve approach*
J. W. Felton, J. M. Shadur, A. Vijay, A. N. Banducci, R. Stadnik, L. MacPherson, C. W. Lejuez, Psychology, University of Maryland, College Park, MD
- 76 *Loss of self-control over drinking and the relationship of alexithymia to quality of life in alcohol-dependent patients*
F. A. Thorberg^{1,2,3}, R. M. Young^{3,5}, M. Lyvers⁴, J. P. Connor^{6,5}, R. Tyssen², A. S. Landheim¹, E. London⁷, G. Feeney^{5,6}, ¹Innlandet Hosp Trust, Brummundal, Norway, ²Univ Oslo, Oslo, Norway, ³Qld Univ Technol, Brisbane, QLD, Australia, ⁴Bond Univ, Gold Coast, QLD, Australia, ⁵Princess Alexandra Hosp, Brisbane, QLD, Australia, ⁶Univ Qld, Brisbane, QLD, Australia, ⁷Univ Calif Los Angeles, Los Angeles, CA
- 83 *The role of drinking motives among tobacco-using problem drinkers in terms of cognitive-based smoking processes and quit failure*
L. Garey¹, D. W. Foster², M. J. Zvolensky¹, J. W. Ditre³, N. B. Schmidt⁴, ¹University of Houston, Houston, TX, ²Harvard University, Cambridge, MA, ³Syracuse University, Syracuse, NY, ⁴Florida State University, Tallahassee, FL

POLYDRUG ABUSE I

- 84 *Caffeine and alcohol intake and nicotine dependence severity in female smokers*
C. Riyad¹, K. M. Gray¹, M. E. Saladin^{2,1}, ¹Department of Psychiatry and Behavioral Sciences, Medical University of South Carolina, Charleston, SC, ²Department of Health Science and Research, Medical University of South Carolina, Charleston, SC
- 88 *Non-heterosexual identity and substance use disorders: The mediating role of borderline personality disorder features*
L. R. Few¹, C. A. Sloan², N. G. Martin³, T. J. Trull⁴, A. Agrawal¹, M. T. Lynskey⁵,
¹Washington University School of Medicine, Saint Louis, MO, ²VA Boston Healthcare System, Boston, MA, ³QIMR Berghofer Medical Research Institute, Brisbane, QLD, Australia, ⁴University of Missouri, Columbia, MO, ⁵King's College London, London, United Kingdom
- 101 *Ecological momentary assessment to predict the risk of relapse*
M. L. Dennis, C. K. Scott, R. R. Funk, Chestnut Health Systems, Normal and Chicago, IL
- 104 *Associations between childhood maltreatment, intimate partner violence, and substance use disorders*
K. Walsh, D. S. Hasin, Columbia University, New York, NY
- 105 *Do social support and negative emotions condition the effect of child custody loss on drug use?*
K. Harp^{1,2}, C. B. Oser^{2,3}, ¹Behavioral Science, University of Kentucky, Lexington, KY, ²Center on Drug and Alcohol Research, University of Kentucky, Lexington, KY, ³Sociology, University of Kentucky, Lexington, KY
- 106 *Childcare in families with SUD mothers or fathers*
H. R. Lawrence¹, M. L. Kelley², E. M. Murphy², G. M. D'Lima², R. J. Milletich², B. Hollis², C. G. Cooke², M. Stockstad³, ¹Department of Psychology, University of Maine, Orono, ME, ²Department of Psychology, Old Dominion University, Norfolk, VA, ³Department of Psychology, Appalachian State University, Boone, NC
- 107 *Family history of drug problems as a marker for other health risks in primary care patients*
A. Alvanzo¹, G. Villalobos², P. Dillon², S. Ondersma³, D. Svikis², ¹Johns Hopkins University, Baltimore, MD, ²Virginia Commonwealth University, Richmond, VA, ³Wayne State University, Detroit, MI

PSYCHIATRIC COMORBIDITY I

- 112 *Gender differences in psychiatric symptoms among opiate-dependent patients in Russia*
A. Desrosiers¹, E. Blokhina², E. Krupitsky², M. C. Chawarski¹, ¹Yale School of Medicine, New Haven, CT, ²St. Petersburg Pavlov State Medical University, St. Petersburg, Russian Federation
- 113 *The impact of eye movement desensitization and reprocessing and schema therapy on addiction severity among a sample of French women suffering from PTSD and SUD*
B. Perez-Dandieu^{1,2}, H. Lenoir³, E. Othily³, G. Tapia³, M. Cassen², J. Delile^{1,2}, ¹Addiction, CEID, Bordeaux, France, ²IMM, Cenon, France, ³EA4139, Laboratoire Psychologie, Santé et Qualité de Vie, Université de Bordeaux, Bordeaux, France

- 114 *Past year non-medical opioid use and PTSD diagnosis: Interactions with gender and associations with symptom clusters*
S. A. Cercone¹, P. H. Smith², K. M. Smith³, G. G. Homish¹, S. McKee³, ¹Community Health and Health Behavior, University at Buffalo, The State University of New York, Buffalo, NY, ²Epidemiology and Public Health, Yale University, New Haven, CT, ³Department of Psychiatry, Yale University School of Medicine, New Haven, CT
- 115 *Pathways to change: Trajectories following treatment in women with co-occurring PTSD and substance use disorders*
T. Lopez-Castro¹, M. Hu², D. A. Hien¹, ¹The City College of New York, NY, NY, ²NY State Psychiatric Institute, NY, NY
- 120 *Increasing psychiatric comorbidity in recent smoking birth-cohorts*
A. Talati¹, K. Keyes², D. S. Hasin^{2,1}, ¹Psychiatry, Columbia University and New York State Psychiatric Institute, New York, NY, ²Epidemiology, Columbia University Mailman School of Public Health, New York, NY
- 123 *Changes in the prevalence of depression and anxiety disorders among daily smokers in the United States: 1990 to 2001*
R. Goodwin^{1,2}, S. Galea², M. J. Zvolensky^{3,4}, M. Wall^{5,6}, Y. Nomura^{1,7}, D. S. Hasin^{2,5,6}, ¹Psychology, City University of New York (CUNY), Flushing, NY, ²Epidemiology, Columbia University, New York, NY, ³Psychology, University of Houston, Houston, TX, ⁴Psychiatry, MD Anderson Cancer Center, Houston, TX, ⁵Psychiatry, Columbia University, New York, NY, ⁶Psychiatry, New York State Psychiatric Institute, New York, NY, ⁷Psychiatry, Mount Sinai School of Medicine, New York, NY
- 127 *Individualized treatment for tobacco dependence in addictions treatment settings: The role of current depressive symptoms on outcomes at 3- and 6-months*
L. Zawertailo^{1,2}, D. Baliunas¹, P. L. Selby^{1,3}, ¹Addictions Program, Centre for Addiction and Mental Health, Toronto, ON, Canada, ²Pharmacology and Toxicology, University of Toronto, Toronto, ON, Canada, ³Family and Community Medicine, University of Toronto, Toronto, ON, Canada

PRESCRIPTION DRUGS

- 162 *Prescription opioid use is associated with increased mortality in the Reasons for Geographic and Racial Differences in Stroke study*
Y. Khodneva¹, P. Muntner¹, S. Kertesz^{2,1}, G. Howard¹, M. Safford¹, ¹UAB, Birmingham, AL, ²VAMC, Birmingham, AL

Symposium XI

BALLROOM B
10:00 - 12:00 PM

TRAJECTORIES OF HEROIN USE: INSIGHTS FROM LONGITUDINAL STUDIES

Chairs: Linda Cottler and Christina Marel

- 10:25 *Gender differences in 30-year trajectories of heroin and other drug use and health outcomes*
Christine E. Grella, University of California, Los Angeles, Los Angeles, CA

Oral Communications 9

**BALLROOM C
10:00 - 12:00 PM**

BABY STEPS TOWARDS UNDERSTANDING PERINATAL DRUG ABUSE

Chairs: Loretta P. Finnegan and Erin Fukaya

- 10:00 *Perinatal substance use: A prospective evaluation of abstinence and relapse*
A. Forray¹, B. Merry¹, J. P. Ruger², K. A. Yonkers¹, ¹Yale School of Medicine, New Haven, CT, ²Perelman School of Medicine, Philadelphia, PA
- 10:15 *Growth models of maternal perinatal drinking patterns in a national sample*
W. Liu¹, E. Mumford¹, H. Petras², ¹NORC at the Univ. of Chicago, Bethesda, MD, ²JBS International, Inc., North Bethesda, MD
- 10:30 *Drug and tobacco use during pregnancy transmit genetic influences on developmental risk for substance use*
K. Marceau^{1,2}, V. Knopik^{2,1}, D. Reiss³, D. Shaw⁴, M. Natsuaki⁵, P. Fisher⁶, L. D. Leve⁶, J. M. Neiderhiser⁷, ¹Brown University, Providence, RI, ²Rhode Island Hospital, Providence, RI, ³Yale University, New Haven, CT, ⁴University of Pittsburgh, Pittsburgh, PA, ⁵University of California-Riverside, Riverside, CA, ⁶University of Oregon, Eugene, OR, ⁷Penn State, State College, PA
- 10:45 *Prenatal cigarette smoke exposure, childhood aggression and adolescent cigarette use*
N. De Genna^{1,2}, L. Goldschmidt², M. Cornelius^{1,2}, ¹University of Pittsburgh School of Medicine, Pittsburgh, PA, ²Western Psychiatric Institute and Clinic (WPIC), Pittsburgh, PA
- 11:00 *Lower oxidative stress in umbilical blood cord of newborns exposed to crack during pregnancy*
C. M. Szobot¹, M. Zavaschi¹, V. Mardini¹, F. Kapczinski¹, M. Kauer-Sant'anna¹, G. Colpo¹, B. Aguiar¹, G. Cunha¹, L. Manna¹, A. Childress², D. Langleben², K. M. Cereser¹, L. A. Rohde¹, ¹Federal University of Rio Grande do Sul, Porto Alegre, Brazil, ²Treatment Research Center, Philadelphia, PA
- 11:15 *Motor development in children prenatally exposed to methamphetamine and tobacco*
E. Fukaya¹, J. Skranes^{2,3}, G. Lohaugen^{2,3}, C. Cloak¹, C. Jiang¹, L. Chang¹, ¹Univ of Hawaii Manoa, Honolulu, HI, ²Children's and Women's Health, Norwegian Univ of Science and Technology, Trondheim, Norway, ³Pediatrics, Sorlandet Hospital, Arendal, Norway
- 11:30 *Effects of maternal opioid maintenance therapy on neonatal outcomes: Methadone vs. buprenorphine*
L. Brandt¹, S. Fischberger², R. Jagsch³, G. Fischer^{1,2}, ¹Center for Public Health, Medical University of Vienna, Vienna, Austria, ²Psychiatry and Psychotherapy, Medical University of Vienna, Vienna, Austria, ³Psychology, University of Vienna, Vienna, Austria
- 11:45 *Reliability of pupil diameter measurements in neonates*
S. H. Heil, D. J. Hand, C. L. Bergeria, D. E. Gaalema, G. J. Badger, A. M. Johnston, University of Vermont, Burlington, VT

Poster Session III (Breakfast)

GRAN SALON
LOS ROSALES
8:00 - 10:00 AM

Odd-numbered posters manned first hour;
Even-numbered, second hour

Set-up time begins Tuesday 1 PM
Must be removed by Wednesday 12 Noon

POLICY

- 6 *Using data mining of spontaneous adverse event reports and multivariate statistical methods for assessing abuse potential*
C. Arons¹, E. Hung², S. Ratcliffe¹, M. Hauben², ¹Pfizer, Groton, CT, ²Pfizer, New York, NY

PERINATAL DRUG ABUSE

- 46 *Neonatal abstinence syndrome in methadone exposed infants: Role of genetic variability*
A. L. Fielder¹, J. K. Coller², M. R. Hutchinson², R. R. Haslam³, N. Lu⁴, S. Adeniyi-Jones⁴, M. Ehrlich⁵, W. K. Kraft⁴, ¹Nursing & Midwifery, Sansom Institute, University of South Australia, Adelaide, SA, Australia, ²University of Adelaide, Adelaide, SA, Australia, ³Women's & Children's Hospital, Adelaide, SA, Australia, ⁴Thomas Jefferson University, Philadelphia, PA, ⁵Mt. Sinai School of Medicine, New York, NY
- 47 *Correlates of risk for prenatal alcohol use among WIC recipients*
Y. Washio¹, A. A. Mericle¹, H. Cassey², A. Daubert², K. C. Kirby¹, ¹Treatment Research Institute, Philadelphia, PA, ²Temple University, Philadelphia, PA
- 48 *Cigarette smoking and other behavioral risk factors related to unintended pregnancy*
D. J. Hand^{1,2}, S. H. Heil^{1,2,3}, S. C. Sigmon^{1,2,3}, S. T. Higgins^{1,2,3}, ¹Vermont Center on Behavior and Health, University of Vermont, Burlington, VT, ²Dept. of Psychiatry, University of Vermont, Burlington, VT, ³Dept. of Psychology, University of Vermont, Burlington, VT
- 49 *Tobacco use and exposure to second-hand smoke in Mexican pregnant women*
O. Campollo^{1,2}, F. Hernandez³, E. Angulo⁴, A. Guzman³, A. Munguia¹, M. García¹, J. K. Cunningham⁵, ¹Center of Studies on Alcohol and Addictions, University of Guadalajara, Guadalajara, Mexico, ²Clinica para Dejar de Fumar, Hospital Civil de Guadalajara, Guadalajara, Mexico, ³Obstetrics, Hospital Civil de Guadalajara, Guadalajara, Mexico, ⁴Neonatology, Hospital Civil de Guadalajara, Guadalajara, Mexico, ⁵Family & Community Medicine, University of Arizona, Tucson, AZ
- 50 *Evaluating potential moderators of efficacy for a single-session computer-delivered 5As intervention for smoking in pregnancy*
S. J. Ondersma^{1,2}, D. M. Ledgerwood¹, D. Svikis³, ¹Dept. of Psychiatry & Behavioral Neurosciences, Wayne State University, Detroit, MI, ²Merrill Palmer Skillman Institute, Wayne State University, Detroit, MI, ³Institute for Women's Health; Psychology; Psychiatry; Ob/Gyn, Virginia Commonwealth University, Richmond, VA
- 51 *The role of self-efficacy in predicting perinatal women's ability to reduce smoking*
J. Temple, V. D. Le, G. Hankins, M. S. Ahmed, T. Nanovskaya, Department of Obstetrics & Gynecology, UTMB, Galveston, TX

- 52 *Predictors of changes in smoking from 3rd trimester to 9 months postpartum*
S. Shisler¹, G. G. Homish², D. Molnar¹, R. D. Eiden¹, ¹Research Institute on Addictions, SUNY Buffalo, Buffalo, NY, ²Community Health and Health Behavior, SUNY Buffalo, Buffalo, NY
- 53 *Differences between recent quitters and current smokers during pregnancy*
V. H. Coleman-Cowger¹, V. Belur¹, M. Terplan², ¹Lighthouse Institute, Chestnut Health Systems, Bloomington, IL, ²Department of Obstetrics, Gynecology & Reproductive Sciences, University of Maryland School of Medicine, Baltimore, MD
- 54 *The role of human placental transporters in the efflux of bupropion*
S. Patrikeeva, D. Vernikovskaya, M. S. Ahmed, G. Hankins, T. Nanovskaya, Department of Obstetrics & Gynecology, UTMB, Galveston, TX
- 55 *Determination of cotinine in the urine of pregnant patients enrolled in a clinical trial for the use of bupropion sustained-release as an aid for smoking cessation*
V. M. Fokina^{1,2}, X. Wang¹, M. S. Ahmed¹, G. Hankins¹, T. Nanovskaya¹, ¹Obstetrics & Gynecology, UTMB, Galveston, TX, ²Pharmacology & Toxicology, UTMB, Galveston, TX
- 56 *Prenatal stimulant exposure alters infant growth in-term born infants*
A. Hernandez, R. Yamakawa, H. Johansen, C. Jiang, C. Cloak, T. Ernst, L. Chang, Medicine, University of Hawaii, John A. Burns School of Medicine, Honolulu, HI
- 57 *Behavior problems among cocaine-exposed children: Role of physiological regulation and parenting*
B. Finger¹, P. Schuetze³, R. Eiden², ¹Montana State University Billings, Billings, MT, ²Research Institute on Addictions, Buffalo, NY, ³Buffalo State College, Buffalo, NY
- 58 *Cocaine use in late adolescence: Impact of prenatal cocaine exposure, sex/gender, and ongoing caregiver cocaine use*
E. S. Bandstra¹, V. H. Accornero¹, D. C. Vidot², E. Mansoor¹, L. Xue¹, C. Morrow¹, J. C. Anthony³, ¹Pediatrics, University of Miami Miller School of Medicine, Miami, FL, ²Public Health Sciences, University of Miami Miller School of Medicine, Miami, FL, ³Epidemiology and Biostatistics, Michigan State University, East Lansing, MI
- 59 *Differential influence of prenatal maternal aggression on childhood externalizing symptoms and adolescent substance use by gender*
M. Horner, M. Cornelius, K. Kim, R. Tarter, University of Pittsburgh, Pittsburgh, PA

ADOLESCENT DRUG ABUSE II

- 62 *Daily co-occurrences of marijuana use, alcohol use, and sexual intercourse among at-risk, truant adolescent girls*
H. Graves, L. Hernandez, C. Kahler, A. Spirito, Brown University, Providence, RI
- 66 *A comparison of young adults seeking treatment for cannabis and opioid dependence*
E. Evans, K. Mishlen, A. Glass, M. Pavlicova, J. J. Mariani, F. R. Levin, M. Sullivan, Psychiatry, Columbia University, New York State Psychiatric Institute, New York, NY

POLYDRUG ABUSE II

- 81 *Longitudinal predictors of 12-step attendance among substance-abusing women*
D. D. Bowers, A. Murnan, X. Guo, N. Slesnick, Ohio State University, Columbus, OH
- 82 *Ancillary treatment use in the Stage II community-based Women's Recovery Group therapy trial*
D. Sugarman^{1,2}, S. Wigderson¹, H. Connery^{1,2}, G. Bailey^{3,4}, G. Fitzmaurice^{1,2},
S. F. Greenfield^{1,2}, ¹McLean Hospital, Belmont, MA, ²Harvard Medical School,
Cambridge, MA, ³Stanley Street Treatment & Resources, Fall River, MA, ⁴Brown University,
Providence, RI
- 83 *Factors associated with differential use of mental health services among women over 8 years after substance abuse treatment*
E. Evans, L. Li, V. Lin, Y. Hser, Integrated Substance Abuse Programs, UCLA, Los Angeles, CA
- 84 *Non-ETOH drug use among women in outpatient treatment for alcohol dependence*
E. E. Epstein¹, B. S. McCrady², S. Cook¹, N. Jensen¹, A. Gaba¹, M. L. Steinberg¹, K. Bold¹,
¹Rutgers University, Piscataway, NJ, ²University of New Mexico, Albuquerque, NM
- 85 *Availability of women-centered drug treatment services: An analysis of NSSATS 2002-2010*
N. Longinaker¹, L. Appel², M. Terplan^{2,1}, ¹Epidemiology and Public Health, University of Maryland School of Medicine, Baltimore, MD, ²Department of Obstetrics, Gynecology & Reproductive Sciences, University of Maryland School of Medicine, Baltimore, MD
- 87 *Preliminary evidence of injecting drug reduction from a woman-focused RCT in Republic of Georgia*
I. Kirtadze¹, D. Otiashvili¹, K. E. O'Grady², H. Jones³, W. Zule⁵, E. Krupitsky⁴,
W. Wechsberg⁵, ¹Addiction Research Center, Alternative Georgia, Tbilisi, Georgia, ²Dept. of Psychology, U. of Maryland, College Park, MD, ³UNC Horizons, Dept. of Obstetrics and Gynecology, U. of North Carolina at Chapel Hill, Carrboro, NC, ⁴Dept. of Addictions, Bekhterev Research Psychoneurological Inst., St. Petersburg, Russian Federation, ⁵RTI International, RTP, NC
- 93 *Trajectories of drug use frequency after substance abuse treatment among a sample of homeless youth*
X. Guo, N. Slesnick, X. Feng, The Ohio State University, Columbus, OH

HIV/HCV II

- 110 *Substance use and sexual risk among men who have sex with men and women and their female partners*
T. P. Dyer¹, M. R. Khan², M. Sandoval³, M. Bolyard⁴, S. R. Friedman³, ¹Epidemiology and Biostatistics, University of Maryland, College Park, MD, ²Epidemiology, University of Florida, Gainesville, FL, ³Institute for Infectious Disease Research, National Development and Research Institutes, New York, NY, ⁴Office of Institutional Research, Planning, and Effectiveness (OIRPE), Emory University, Atlanta, GA
- 113 *Sexual relationship power, victimization, and HIV risky sexual behavior in substance-abusing African-American women*
C. Ahuama-Jonas, K. Burlew, Psychology, University of Cincinnati, Cincinnati, OH
- 115 *The differential role of executive dysfunction on HIV risk behaviors among African-American drug users*
A. Diggins¹, E. M. Dunne¹, B. E. Mancha¹, R. Trenz¹, K. Ritter², W. W. Latimer¹, ¹Clinical and Health Psychology, University of Florida, Gainesville, FL, ²University of Tennessee, Knoxville, TN

- 116 *Characteristics of poly-substance users engaging in high HIV-risk behaviors*
K. Williams, J. J. Stoltman, M. K. Greenwald, Psychiatry, Wayne State University, Detroit, MI
- 121 *Avoiding treatment due to fears of violence: The first report of gender-based and intimate partner violence in the community and in the hospital among female heroin users in Dar es Salaam, Tanzania*
D. Balaji¹, B. Lambdin², J. Mbwambo³, O. Chang², C. Nyandindi³, M. Copenhaver⁴, R. Bruce^{1,2}, ¹Yale University, New Haven, CT, ²Pangea Global AIDS Foundation, Oakland, CA, ³Psychiatry, Muhimbili University of Health and Allied Sciences, Dar es Salaam, United Republic of Tanzania, ⁴Allied Health Sciences, University of Connecticut, Storrs, CT
- 124 *Study attrition among HIV-infected Russian risky drinkers*
T. Kiriazova^{1,2,3}, D. M. Cheng¹, S. Coleman¹, E. Blokhina⁴, E. Krupitsky^{4,5}, M. C. Lira², C. Bridden², A. Raj⁶, J. Samet^{1,2}, ¹Boston University, Boston, MA, ²Boston Medical Center, Boston, MA, ³Future without AIDS, Odessa, Ukraine, ⁴First Pavlov State Medical University, St. Petersburg, Russian Federation, ⁵Bekhterev Research Psychoneurological Institute, St. Petersburg, Russian Federation, ⁶University of California San Diego, San Diego, CA

EPIDEMIOLOGY

- 140 *The association between exposure to guns and gambling among community-recruited substance using women*
K. Vaddiparti, C. W. Striley, L. Cottler, Epidemiology, University of Florida, Gainesville, FL
- 141 *Different dynamic relationship between stress and illicit drug use from pregnancy to postpartum among drug-using women*
H. Wu¹, E. Coman², H. Tennen³, J. Grady³, ¹Psychiatry, U Conn Health Center, Farmington, CT, ²TRIPP Center, UConn Health Center, Farmington, CT, ³Community Medicine and Health Care, U Conn Health Center, Farmington, CT
- 143 *Patterns of crack use among drug-using females in Mexico City*
N. Negi¹, A. Valdez², A. Cepeda², G. Natera³, ¹School of Social Work, University of Maryland, Baltimore, Baltimore, MD, ²School of Social Work, University of Southern California, Los Angeles, CA, ³Instituto de Psiquiatría, Ramón de la Fuente Muñiz, Mexico, Mexico
- 149 *What is the evidence for hardening? Trends in nicotine dependence in the U.S., 2002-2011*
P. H. Smith¹, J. S. Rose², G. A. Giovino³, C. M. Mazure¹, S. A. McKee¹, ¹Psychiatry, Yale University School of Medicine, New Haven, CT, ²Psychology, Wesleyan University, Middletown, CT, ³Community Health and Health Behavior, University at Buffalo, SUNY, Buffalo, NY

Oral Communications 12

**BALLROOM B
10:00 - 12:00 PM**

DANGEROUS DUO: PSYCHIATRIC COMORBIDITY

Chairs: Katherine Mills and Emma L. Barrett

- 10:00 *Substance use during pregnancy among young women with symptoms of psychological stress and depression*
A. Pienta, J. Barber, J. Kusunoki, H. Gatny, University of Michigan, Ann Arbor, MI
- 10:15 *Effects of smoking cessation on postpartum depression*
A. A. Lopez^{1,2,3}, S. T. Higgins^{1,2,3}, J. M. Skelly⁴, ¹Vermont Center on Behavior & Health, University of Vermont, Burlington, VT, ²Psychiatry, University of Vermont, Burlington, VT, ³Psychology, University of Vermont, Burlington, VT, ⁴Medical Biostatistics, University of Vermont, Burlington, VT

Symposium XIII

**SAN CRISTOBAL
2:30 - 4:30 PM**

**ENVIRONMENTAL AND PHYSIOLOGICAL FACTORS PREDISPOSING
SUSCEPTIBILITY TO DRUG ABUSE**

Chairs: Ellen Unterwald and Sari Izenwasser

- 2:30 *Diet-induced obesity differentially alters drug reward in male and female rats*
Sari Izenwasser, University of Miami Miller School of Medicine, Miami, FL

Oral Communications 14

**BALLROOM A
2:30 - 4:30 PM**

WHEN MORE IS LESS—STUDYING POLYSUBSTANCE ABUSE

Chairs: Shannon G. Mitchell and Sarah S. Dermody

- 2:30 *Risk of polysubstance use and co-occurring internalizing and externalizing symptoms among adolescent sexual minority girls*
S. S. Dermody¹, M. P. Marshal², J. Cheong³, T. Chung², S. Stepp², A. Hipwell², ¹Department of Psychology, University of Pittsburgh, Pittsburgh, PA, ²Department of Psychiatry, University of Pittsburgh, Pittsburgh, PA, ³Department of Health Behavior, University of Alabama, Birmingham, AL
- 3:30 *Integrated treatment for mothers involved in child welfare for substance abuse*
L. Saldana¹, P. Chamberlain¹, A. Sheidow², ¹OSLC, Eugene, OR, ²MUSC, Charleston, SC

Poster Session IV (Breakfast)

**GRAN SALON
LOS ROSALES
8:00 - 10:00 AM**

**Odd-numbered posters manned first hour;
Even-numbered, second hour**

**Set-up time begins Wednesday 1 PM
Must be removed by Thursday 12 Noon**

CRIMINAL JUSTICE

- 3 *Examining HCV and other risks among rural women offenders*
C. Leukefeld¹, K. Harp¹, M. Webster¹, M. Staton-Tindall², C. B. Oser³, J. R. Havens¹,
¹Behavioral Science, University of Kentucky, Lexington, KY, ²Social Work, University of
Kentucky, Lexington, KY, ³Sociology, University of Kentucky, Lexington, KY
- 4 *Longitudinal gender differences in HIV and criminal justice outcomes*
J. P. Meyer, J. Cepeda, F. L. Altice, Yale, New Haven, CT
- 5 *Prevalence of substance use disorders and HIV among female prisoners in Ukraine*
A. Krishnan¹, L. Azbel^{1,2}, J. A. Wickersham¹, F. L. Altice¹, ¹AIDS Program, Yale University
School of Medicine, New Haven, CT, ²Ukrainian Institute on Public Health Policy, Kyiv,
Ukraine
- 11 *Mental health and HIV risk behavior among drug-using rural women in jail*
M. Staton-Tindall¹, K. Harp², C. B. Oser³, M. Webster², J. R. Havens², C. Leukefeld², ¹Social
Work, University of Kentucky, Lexington, KY, ²Behavioral Science, University of Kentucky,
Lexington, KY, ³Sociology, University of Kentucky, Lexington, KY
- 12 *Psychiatric problems and sex-trading among drug-using African-American women: Does family
support matter?*
D. Stevens-Watkins, C. Leukefeld, C. B. Oser, University of Kentucky, Lexington, KY
- 13 *A comparison of outcomes by sexual orientation among women in integrated substance use and
mental health disorder treatment*
H. Amaro², J. Goldbach¹, L. Duan¹, S. E. Spear¹, G. Prado³, ¹Social Work, University of
Southern California, Los Angeles, CA, ²Social Work and Preventive Medicine, University of
Southern California, Los Angeles, CA, ³Department of Public Health Sciences, University of
Miami, Miami, FL
- 14 *Heightened vulnerability associated with criminal justice involvement among women who use
drugs*
J. Lorvick¹, M. L. Comfort^{1,2}, B. Quinn³, C. Krebs⁴, A. Kral¹, ¹Urban Health Program,
RTI International, San Francisco, CA, ²Center for AIDS Prevention Studies, University of
California, San Francisco, CA, ³Burnet Institute, Melbourne, VIC, Australia, ⁴Crime, Violence
and Justice Program, RTI International, Research Triangle Park, NC
- 15 *Impaired driving histories among rural female drug-involved offenders*
M. Webster, M. Staton-Tindall, C. Leukefeld, J. R. Havens, C. B. Oser, K. Harp, Center on
Drug and Alcohol Research, University of Kentucky, Lexington, KY
- 16 *The size of African-American female's health networks: The role of drug and criminal histories*
C. B. Oser, E. L. Pullen, C. Leukefeld, D. Stevens-Watkins, M. Staton-Tindall, J. R. Havens,
Center on Drug and Alcohol Research, University of Kentucky, Lexington, KY

SEX/GENDER II

- 22 *Risky behaviors on the road: Do women and men act differently after drinking?*
T. R. Sousa¹, G. Pasa¹, J. Lunnen², F. P. Pechansky¹, ¹Center for Drug and Alcohol Research, Federal University of Rio Grande do Sul, Porto Alegre, Brazil, ²Johns Hopkins International Injury Research Unit, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
- 23 *Prescription drug use in a national sample of female drivers*
T. Kelley-Baker, J. Yao, R. Pollini, Pacific Institute for Research and Evaluation, Calverton, MD
- 24 *Gender differences in polysubstance use among those who misuse prescription opioids*
A. Acheampong¹, D. C. Vidot², L. Cottler¹, ¹Epidemiology, University of Florida, Gainesville, FL, ²Pediatrics, University of Miami, Miami, FL
- 25 *Female opioid users may be at excess risk of becoming dependent soon after extra-medical prescription pain reliever use in adolescence but not in young adulthood: Estimates for the United States, 2002-2011*
H. H. Yeh, J. C. Anthony, Epidemiology and Biostatistics, Michigan State University, East Lansing, MI
- 26 *Characterizing sex differences among pain medication abusers*
B. Lewis, L. Hoffman, S. J. Nixon, Psychiatry, University of Florida, Gainesville, FL
- 27 *Gender differences in smoking and treatment outcome among opioid-maintained smokers*
A. C. Meyer, M. E. Patrick, S. H. Heil, S. T. Higgins, S. C. Sigmon, University of Vermont, Burlington, VT
- 28 *Is voluntary household smoking ban differentially effective for men's and women's smokeless tobacco use and addiction? Findings from the Global Adult Tobacco Survey in India*
S. Balan, S. Pandey, C. van den Berk-Clark, R. K. Price, Washington University in St. Louis, St. Louis, MO
- 29 *Gender differences in laboratory stress response among prescription opioid-dependent individuals*
J. L. McCauley¹, M. A. Mercer¹, A. Teer¹, F. Beylotte¹, K. T. Brady^{1,2}, S. E. Back^{1,2}, ¹Psychiatry and Behavioral Sciences, Medical University of South Carolina, Charleston, SC, ²Ralph H. Johnson VAMC, Charleston, SC
- 30 *Effects of oral contraceptive use on stress response in acute smoking abstinence*
K. Harrison, A. M. Allen, S. Allen, M. al'Absi, University of Minnesota, Minneapolis, MN
- 31 *"I take my refuge in tik": Understanding gender differences in the initiation of methamphetamine use in South Africa*
A. L. Hobkirk¹, M. Watt¹, K. Guidera¹, S. Kimani¹, D. Skinner², D. Pieterse², C. S. Meade¹, ¹Duke Global Health Institute, Duke University, Durham, NC, ²Research on Health & Society, Stellenbosch University, Tygerberg, South Africa
- 32 *Reproductive health needs among drug treatment clients*
M. Bryant-Genevier¹, L. Appel¹, K. D. Mark¹, M. Terplan^{1,2}, ¹Obstetrics Gynecology & Reproductive Sciences, University of Maryland School of Medicine, Baltimore, MD, ²Epidemiology and Public Health, University of Maryland School of Medicine, Baltimore, MD
- 33 *Family/social problems as a greater barrier to treatment entry for women than men*
A. M. Heads, R. Suchting, C. Green, J. Schmitz, N. Rathnayaka, S. D. Lane, University of Texas HSC at Houston, Houston, TX

- 34 *How well do we understand older female substance abusers in the U.S.? An analysis of TEDS-D 2006-09*
M. Terplan^{3,1}, N. Longinaker¹, M. S. Chisolm², ¹Epidemiology and Public Health, University of Maryland School of Medicine, Baltimore, MD, ²Psychiatry, Johns Hopkins University School of Medicine, Baltimore, MD, ³Obstetrics, Gynecology & Reproductive Sciences, University of Maryland School of Medicine, Baltimore, MD
- 35 *Effects of alcohol intake on balance and stability in older adults: A pilot study*
Y. Duan^{1,5}, L. Barry², J. Covault³, A. Kenny³, C. Oncken³, R. Bohannon⁴, J. Grady⁵, H. Wu⁶, ¹Community Medicine & Healthcare, University of Connecticut Health Center, Farmington, CT, ²Center on Aging, UCHC, Farmington, CT, ³Medicine, UCHC, Farmington, CT, ⁴Dept of Kinesiology, University of Connecticut, Storrs, CT, ⁵Connecticut Institute for Clinical and Translational Science (CICATS), University of Connecticut Health Center, Farmington, CT, ⁶Psychiatry, University of Connecticut Health Center, Farmington, CT
- 36 *Attitudes toward computer interventions for partner abuse and drug use among women in the emergency department*
E. Choo¹, M. Ranney¹, T. Wetle³, K. Morrow², M. Mello¹, D. Squires⁴, A. Garro¹, C. Tape¹, C. Zlotnick², ¹Department of Emergency Medicine, Warren Alpert School of Brown University, Providence, RI, ²Department of Psychiatry and Human Behavior, Warren Alpert Medical School of Brown University, Providence, RI, ³School of Public Health, Brown University, Providence, RI, ⁴Department of Behavioral and Social Sciences, Brown University, Providence, RI
- 37 *Gender differences in acceptability and treatment outcomes of Internet-based treatment for substance use disorders*
A. Campbell¹, M. Hu³, S. F. Greenfield², E. Nunes¹, ¹New York State Psychiatric Institute, New York, NY, ²Harvard Medical School, Boston, MA, ³Columbia University, New York, NY
- 38 *Predictors of illicit drug use in low-income African-American women: A multilevel analysis of demographic and cultural factors*
E. L. Pullen, C. B. Oser, Sociology, University of Kentucky, Lexington, KY
- 39 *Gender differences in trauma and substance use characteristics among veterans with PTSD and substance use disorders*
S. E. Back^{1,2}, T. Killeen¹, A. Teer¹, F. Beylotte¹, J. L. McCauley¹, D. F. Gros^{1,2}, J. Hellmuth¹, K. T. Brady^{1,2}, ¹Medical University of South Carolina, Charleston, SC, ²Ralph H. Johnson VA Medical Center, Charleston, SC

LITERATURE REVIEW

- 41 *Cannabis use among women and during pregnancy*
F. Alharbi^{1,2}, N. El-guebaly^{3,4}, ¹King Abdulaziz Medical City, Riyadh, Saudi Arabia, ²King Saud bin Abdulaziz University for Health Sciences, Riyadh, Saudi Arabia, ³University of Calgary, Calgary, AB, Canada, ⁴Alberta Health Services, Calgary, AB, Canada
- 46 *Effective HIV and substance abuse prevention programs for African-American women: Attending to culture and context*
F. Z. Belgrave¹, D. Jones², J. Richardson¹, L. Beatty³, ¹Psychology, Virginia Commonwealth University, Richmond, VA, ²Service Research Branch, NIDA, Bethesda, MD, ³American Psychological Association, District of Columbia, DC

STIMULANTS - ANIMALS II

- 82 *Preference and c-fos activation of drug reward vs. natural reward: Are female pheromones more rewarding than cocaine?*
K. Y. Salas-Ramirez¹, K. Uribe², L. Vidal³, E. Friedman¹, ¹Physiology, Pharmacology and Neuroscience, The Sophie Davis School of Biomedical Education at The City College of New York, New York, NY, ²Biology, The City College of New York, New York, NY, ³Anatomy, Touro College of Osteopathic Medicine, New York, NY

STIMULANTS - HUMANS II

- 91 *Methamphetamine treatment-seeking women: Is referral source an indication of treatment retention?*
S. M. Stemmler, S. Shoptaw, Center for Behavioral and Addiction Medicine, UCLA, Los Angeles, CA
- 92 *Behavioral incentives to promote exercise compliance in cocaine-dependent women*
L. Islam, D. Svikis, Virginia Commonwealth University, Richmond, VA
- 98 *Sex and drugs in the lives of minority women: A multi-level analysis of smartphone-based daily diary data*
G. L. Reynolds¹, D. G. Fisher¹, J. Laurenceau², ¹California State University, Long Beach, Long Beach, CA, ²University of Delaware, Newark, DE
- 107 *Agreement between Timeline Follow-Back (TLFB) and Audio Computer-Assisted Self Interview (A-CASI) in HIV primary care patients: Assessment of days used primary drug*
D. S. Hasin^{1,2}, E. Aharonovich^{1,2}, ¹Columbia University Medical Center, New York, NY, ²New York State Psychiatric Institute, New York, NY

TREATMENT

- 108 *Frequency and intensity of craving among addicted patients during outpatient treatment*
H. Hurmic^{1,2}, F. Serre^{1,2}, M. Fatseas^{1,2}, M. Alix^{1,2}, M. Auriacombe^{1,2}, ¹Addiction Psychiatry, Univ. Bordeaux / CNRS USR 3413, Bordeaux, France, ²Addiction Treatment Center, CH Ch. Perrens et CHU Bordeaux, Bordeaux, France
- 112 *Anxiety sensitivity and the discrepancy between motivation to change and perceived ability to change*
R. McHugh^{1,2}, E. Hilario¹, K. McDermott¹, M. L. Griffin^{1,2}, R. Weiss^{1,2}, ¹McLean Hospital, Belmont, MA, ²Harvard Medical School, Boston, MA
- 114 *Client predictors of treatment completion using a U.S. national sample*
G. Stahler¹, J. P. DuCette², ¹Geography and Urban Studies, Temple University, Philadelphia, PA, ²Psychological Studies in Education, Temple University, Philadelphia, PA

PSYCHIATRIC COMORBIDITY II

- 128 *Preliminary results from a study evaluating creatine as a treatment option for depression in female methamphetamine users*
T. Hellem^{1,2}, P. F. Renshaw¹, ¹Brain Institute, Univ of UT, SLC, UT, ²College of Nursing, Univ of UT, SLC, UT

- 129 *Impact of psychiatric comorbidity in engagement in treatment after referral by an Addiction Liaison Psychiatry Unit*
F. Fonseca^{1,2}, J. Leon¹, M. Llobet¹, P. Rossi^{1,2}, D. Martínez-Sanvisens^{1,2}, C. Tamarit^{1,2}, M. Farre^{1,2,3}, M. Torrens^{1,2,3}, ¹Institut de Neuropsiquiatria i Addiccions (INAD), Parc de Salut Mar, Barcelona, Spain, ²Institut Hospital Del Mar d'Investigacions Mèdiques (IMIM), Parc de Salut Mar, Barcelona, Spain, ³Facultad de Medicina, Universidad Autónoma de Barcelona, Barcelona, Spain

NICOTINE II

- 132 *Analyzing disparities on tobacco use through CBPR*
S. A. Henry^{2,1}, P. Sheikhattari^{1,2}, F. A. Wagner^{1,2}, ¹Prevention Sciences Research Center, Morgan State University, Baltimore, MD, ²School of Community Health and Policy, Morgan State University, Baltimore, MD
- 133 *Race as a moderator of the relationship between distress tolerance and cigarette smoking among Black and White women*
J. R. Dahne¹, K. Stratton², R. Brown², A. Amstadter², C. W. Lejuez¹, L. MacPherson¹, ¹Psychology, University of Maryland, College Park, College Park, MD, ²Virginia Commonwealth University, Richmond, VA
- 135 *Perceived risk of regular cigarette smoking and marijuana use in the U.S, 2002-2012*
L. R. Pacek¹, P. M. Mauro², S. S. Martins^{3,2}, ¹Psychiatry and Behavioral Sciences, Johns Hopkins University, Baltimore, MD, ²Mental Health, Johns Hopkins University, Baltimore, MD, ³Epidemiology, Columbia University, New York, NY

THEORETICAL/COMMENTARY

- 149 *Comprehensive women-centered treatment for substance use disorders in the Republic of Georgia: Current status and future directions*
D. Otiashvili¹, I. Kirtadze¹, K. E. O'Grady², W. Zule³, E. Krupitsky⁴, W. Wechsberg³, H. Jones^{5,6}, ¹Addiction Research Center, Alternative Georgia, Tbilisi, Georgia, ²Department of Psychology, University of Maryland, College Park, MD, ³RTI International, Research Triangle Park, NC, ⁴Department of Addictions, Bekhterev Research Psychoneurological Institute, St. Petersburg, Russian Federation, ⁵UNC Horizons, Department of Obstetrics and Gynecology, School of Medicine, University of North Carolina at Chapel Hill, Chapel Hill, NC, ⁶Departments of Psychiatry and Behavioral Sciences and Obstetrics and Gynecology, School of Medicine, Johns Hopkins University, Baltimore, MD

Symposium XIV

**BALLROOM A
10:00 - 12:00 PM**

**MEDICATIONS FOR DRUG ADDICTIONS: SEX DIFFERENCES IN
OUTCOMES IN ANIMAL AND HUMAN LABORATORY STUDIES
AND IN CLINICAL TRIALS**

Chairs: Cora Lee Wetherington and Ivan Montoya

- 10:00 *Differential antidepressant-like effects and potentiation of nicotinic-based antidepressants by guanfacine in males and females mice*
Yann Mineur, Yale University School of Medicine, New Haven, CT
- 10:25 *Targeting the noradrenergic system for gender-sensitive treatment development for substance dependence*
Sherry McKee, Yale University School of Medicine, New Haven, CT
- 10:50 *Progesterone to treat cocaine addiction: Results from animal and human studies*
Marilyn E. Carroll, University of Minnesota, Minneapolis, MN
- 11:15 *Oxytocin in cocaine and marijuana dependence*
Kathleen T. Brady, Medical University of South Carolina, Charleston, SC
- 11:40 *DISCUSSANT:*
Ivan Montoya, National Institute on Drug Abuse, Bethesda, MD

Oral Communications 17

**BALLROOM C
10:00 - 12:00 PM**

**RESEARCH AT A FEVERED PITCH: LATEST FINDINGS
ON DRUGS AND NEUROINFLAMMATION**

Chairs: Rae R. Matsumoto and Steven B. Harrod

- 10:00 *Cytokines during acute abstinence of crack cocaine: The role of early life stress*
R. Grassi-Oliveira¹, M. L. Levandowski¹, T. W. Viola¹, L. E. Wearick¹, J. Pezzi²,
M. E. Bauer¹, A. L. Teixeira¹, E. Brietzke¹, ¹Centre of Studies and Research in Traumatic
Stress, Pontifical Catholic University of Rio Grande do Sul, Porto Alegre, Brazil, ²Pós
Graduação em Ciências da Saúde, Universidade Federal de Ciências da Saúde de Porto
Alegre, Porto Alegre, Brazil
- 11:15 *HIV-1 transgenic rats exhibit attenuated motivation and escalation of cocaine self-
administration*
S. B. Harrod, C. F. Mactutus, S. J. Bertrand, A. J. Morgan, R. M. Booze, Psychology,
University of South Carolina, Columbia, SC

Oral Communications 18

**SAN CRISTOBAL
10:00 - 12:00 PM**

NICOTINE

Chairs: Erin A. McClure and Diana Dow-Edwards

- 10:15 *Nicotine alters behavior in pre-adolescent rats*
D. Dow-Edwards, A. Edwards, N. Konz, Physiology/Pharmacology, SUNY
Downstate, Brooklyn, NY

Oral Communication 20

**BALLROOM B
1:30 - 3:30 PM**

FOCUSING ATTENTION ON ADHD AND ADDICTION

Chairs: Frances R. Levin and Sonam O. Lasopa

- 2:15 *ADHD as risk factor for early onset and later severity of illicit substance use: An accelerated gateway model*
E. M. Dunne, L. Hearn, J. J. Rose, W. W. Latimer, Clinical and Health Psychology, University
of Florida, Gainesville, FL
- 2:45 *Gender differences in risk factors for nonmedical use of prescription stimulants among youth 10
to 18 years in the U.S*
S. O. Lasopa, L. Cottler, K. Vaddiparti, C. W. Striley, University of Florida, Gainesville, FL

Oral Communications 21

**BALLROOM C
1:30 - 3:30 PM**

YOU'RE NOT THE BOSS OF ME: ADOLESCENT SUBSTANCE ABUSE

Chairs: Carol J. Boyd and Lora M. Cope

- 2:00 *Impulsivity and early onset of alcohol and cigarette use in adolescents*
S. Fernández-Artamendi, V. Martínez-Loredo, R. Secades-Villa, O. Garcia-Rodriguez,
J. R. Fernández-Hermida, Addictive Behaviors Research Group, University of Oviedo,
Oviedo, Spain

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SEE YOU IN PHOENIX, ARIZONA, JUNE 13-18, 2015

Women and Sex/Gender Differences Funding Opportunity Announcements

- Women and Sex/Gender Differences in Drug and Alcohol Abuse/Dependence
 - PA-14-038 (R01) <http://grants.nih.gov/grants/guide/pa-files/PA-14-038.html>
 - PA-11-037 (R03) <http://grants.nih.gov/grants/guide/pa-files/PA-14-037.html>
 - PA-11-036 (R21) <http://grants.nih.gov/grants/guide/pa-files/PA-14-036.html>
- Women's Mental Health in Pregnancy and the Postpartum Period
 - PA-12-216 (R01) <http://grants.nih.gov/grants/guide/pa-files/PA-12-216.html>
 - PA-12-215 (R21) <http://grants.nih.gov/grants/guide/pa-files/PA-12-215.html>
- Research Supplements to Promote Re-Entry into Biomedical and Behavioral Research Careers (Admin Supp)
 - PA-12-150 <http://grants.nih.gov/grants/guide/pa-files/PA-12-150.html>

For additional information:

- on these announcements, contact:
Dr. Cora Lee Wetherington (wetherington@nih.gov; 301-435-1319) or
Dr. Samia Noursi (snoursi@nih.gov; 301-594-5622)
- on other NIDA funding opportunities, visit NIDA's homepage at <http://www.nida.nih.gov>
- visit the women and sex/gender differences site on NIDA's homepage at <http://www.drugabuse.gov/about-nida/organization/offices/office-nida-director-od/women-sexgender-differences-research-program>



NIDA's Women & Sex/Gender Differences Research Junior Investigator Travel Award Program

CPDD 2015

Accumulating evidence indicates that the antecedents, consequences, and mechanisms of drug abuse and dependence often differ in males and females and that sex/gender may be an important variable in treatment and prevention outcomes. To foster research on women and sex/gender differences in all areas of drug abuse research, both human and animal, NIDA encourages the submission of abstracts on this topic for the 2015 annual meeting of the College on Problems of Drug Dependence (CPDD).

Special NIDA travel awards of \$750 will be available to up to 30 junior investigators whose CPDD abstract on women or sex/gender differences is accepted for a poster, oral session, or symposium at the 2015 annual meeting in Phoenix, Arizona, June 13-18.

ELIGIBILITY:

- Graduate and medical students, post-doctoral students, medical residents, and investigators who are no more than five years past the doctoral degree or residency are eligible.
- Applicant **MUST** either be first author on the CPDD abstract or speaker in a symposium
- Minority investigators and male investigators are especially encouraged to apply.
- Priority may be given to those who have not previously received this award or held an R01.
- Federal employees are ineligible.

ELECTRONIC APPLICATION PROCEDURES:

Follow the CPDD instructions for abstract submission. Then send an e-mail to Dr. Samia Noursi at snoursi@nida.nih.gov in the following format and with the required attachments:

- E-mail subject line: CPDD 2015 Women & Sex/Gender Junior Investigator Travel Award Application.
- Attach a copy of the abstract that you submitted to CPDD, including title and authors (In Word).
- Attach your curriculum vitae (list all NIH grant support if applicable) (In Word). Please include your mailing address, telephone number and e-mail address.
- Attach a cover letter stating (1) your eligibility, (2) your interest in continuing to pursue research on women and/or sex/gender differences, and (3) your career goals (In Word).

DEADLINE FOR APPLICATIONS: Same as CPDD abstract due date. Check CPDD website.

For additional information about this annual award, contact:

- Dr. Samia Noursi - telephone 301-594-5622; snoursi@mail.nih.gov, or
- Dr. Cora Lee Wetherington - telephone 301-435-1319; wetherington@nih.gov



National Institutes
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WOMEN
AND
SEX/GENDER
DIFFERENCES
RESEARCH





International Women's and Children's Health and Gender Group Conference Posters

Friday, June 13, 2014

El Caribe Hilton, San Juan, Puerto Rico
Poster Session, 3:30 – 4:45 PM, Peacock Hall

<i>They Stole My Thunder – Warriors Who Were Behind the Walls: Experiential Storytelling with Criminalized Indian Women</i>	Sharon Acoose* Canada
<i>Marijuana use among women and during pregnancy</i>	Fares Alharbi, Nady el-Guebaly Saudi Arabia
<i>HIV-1 Transgenic Rat: Altered motivated behavior for natural reward</i>	S. J. Bertrand, C. F. Mactutus, S. B. Harrod, A. J. Morgan, R. M. Booze United States
<i>Perceptions and Patterns of Non-injecting ATS Use and their Associations with High-risk Sexual Behaviors among Middle-age Female Sex Workers and Their Clients in China.</i>	Jennifer Z. Huang Bouey, Tony Zheng, Ning Zhang, Na He China
<i>ATS use and HIV among Cross-border Myanmar Female Sex Workers in Yunnan, China.</i>	Jennifer Z. Huang Bouey*, Zhe Luo, Lin Duo Myanmar/China
<i>Effects of maternal opioid maintenance therapy on neonatal outcomes: methadone vs. buprenorphine</i>	Laura Brandt*, Stephanie Fischberger, Constantin Aschauer, Reinhold Jagsch, Gabriele Fischer Austria
<i>Tobacco use and exposure to second hand smoke in Mexican pregnant women.</i>	O. Campollo, F. Hernández, E. Angulo, A. Guzmán, A. Munguía, M. García, J.K. Cunningham Mexico
<i>Characteristics of smoking pregnant women in Guadalajara, Mexico.</i>	O. Campollo, F. Hernández, E. Angulo, A. Guzmán, A. Munguía, M. García, J.K. Cunningham Mexico
<i>Are women who use drugs in emerging adulthood more likely to engage in aggressive behavior than older women who use drugs: findings from Cape Town, South Africa?</i>	Tara Carney, Bronwyn Myers, Tracy L. Kline, Felicia A. Browne, Charles Parry, Kim Johnson, Wendee M. Wechsberg South Africa
<i>The influence of interpersonal violence and posttraumatic stress disorder on current drug use disorders among women</i>	Courtenay Cavanaugh, William Latimer United States
<i>Differences between recent quitters and current smokers during pregnancy</i>	V.H. Coleman-Cowger, V. Belur, M. Terplan United States
<i>PAWSitive Support: Applying Animal Assisted Therapy in the Treatment of Addictions & Mental Health</i>	Colleen Anne Dell Canada
<i>Gender differences in psychiatric symptoms among opiate dependent patients in Russia</i>	Alethea Desrosiers, Elena Blokhina, Evgeny Krupitsky, Marek Chawarski Russia
<i>Treatment of women with substance use disorder at high risk of stigmatization</i>	Pavla Dolezalova Czech Republic
<i>Secondhand Smoke Exposure among Working Women in a Developing Country: The Jordanian Case</i>	O. El-Shahawy, L. Haddad Jordan

<i>Macro-level research is needed to help develop programs and policies around women and drugs</i>	Samuel R Friedman, Catherine R Friedman, Brooke West, Hannah LF Cooper, Barbara Tempalski, Diana Rossi, Danielle C Ompad United States
<i>Family/social problems as a greater barrier to treatment entry for women than men</i>	A. M. Heads, R. Suchting, C. Green, J. Schmitz, N. Rathnayaka, S. D. Lane United States
<i>Drug use patterns among participants in a woman-focused RCT in Georgia</i>	I.Kirtadze*, D. Otiashvili, K. O'Grady, H. Jones, W. Zule, E. Krupitsky, W. Wechsberg Georgia
<i>Prevalence of substance use disorders and HIV among female prisoners in Ukraine</i>	Archana Krishnan*, Lyuba Azbel, Jeffrey A. Wickersham, Frederick L. Altice Ukraine
<i>Specialized women track in MMT clinic in Israel: Program description, client characteristics, and preliminary outcomes</i>	Maayan Lawental, Hila Taylor, Moshe Blumenfeld, Oleg Zaslavsky, Tal Araten-Bergman Israel
<i>Gender differences in predictors of methadone maintenance treatment retention: An exploratory study</i>	A.R. Levine**, L.H. Lundahl, D.M. Ledgerwood, M.K. Greenwald United States
<i>Characterizing sex differences among pain medication abusers</i>	B. Lewis**, L. Hoffman, S.J. Nixon United States
<i>How well do we understand older female substance abusers in the US? An analysis of TEDS-D 2006-09</i>	Nyaradzo Longinaker, Margaret S. Chisolm, Mishka Terplan United States
<i>Characteristics and quality of life of opioid-dependent pregnant women in Austria</i>	Verena E Metz, Sandra D Comer, Johanna Wuerzl, Anna Pribasnic, Gabriele Fischer Austria
<i>Longitudinal gender differences in HIV and criminal justice outcomes</i>	Jaimie P. Meyer**, Javier Cepeda, Frederick L. Altice United States
<i>Correlates of perceived need for drug treatment among women from disadvantaged communities in Cape Town, South Africa</i>	Bronwyn Myers*, Tracy L. Kline, Irene A. Doherty, Tara Carney, Wendee M. Wechsberg South Africa
<i>Alcohol Use and Self Medication among Women Attending Pre and Post Natal Clinics in Lagos, Nigeria</i>	C. C. Okonkwo, A. O. Olalekan, O. Ogunwale , C. Nwigwe , M. A. Adeku, A. N David, V. O. Nyamali, M. I. Aguwa , M. A. Bello-Mojeed, B. Adesoji, R. A. Lawal Nigeria
<i>Comprehensive Women-centered Treatment for Substance Use Disorders in The Republic of Georgia: Current Status and Future Directions</i>	David Otiashvili, Irma Kirtadze, Kevin E. O'Grady, William Zule, Evgeny Krupitsky, Wendee M. Wechsberg, Hendrée E. Jones Georgia
<i>Patriarchal Discourse and HIV transmission among women living in Puerto Rico</i>	Marinilda Rivera-Diaz, Nelson Varas-Diaz, Mark Padilla, Doralis Coriano-Ortiz, Marco Reyes-Estrada, Neisha Serrano-Ocasio Puerto Rico
<i>The Association of Intimate Partner Violence with Cigarette Smoking Before and During Pregnancy, 2004-2008 Births</i>	S Salimi, M Terplan, M Chisolm, D Cheng United States
<i>Feasibility and preliminary responses to a Screening and Brief Intervention Program for Maternal Mental Disorders within the Context of Primary Care</i>	Katherine Sorsdahl, Petal Petersen, Kathy Everett-Murphy, Patricia DeVilliers, Bronwyn Myers, Dan J. Stein South Africa
<i>Sex-related differences in oral operant ethanol self-administration in C57BL/6J mice</i>	A.M. Stafford, D.H. Brunzel United States
<i>Are there gender-based phenotypes among chronic heroin users? An exploration of the telescoping effect</i>	J.J.K. Stoltman, E.A. Woodcock, L.H. Lundahl, M.K. Greenwald United States
<i>Female opioid users may be at excess risk of becoming dependent soon after extra-medical prescription pain reliever use in adolescence but not in young adulthood: Estimates for the United States, 2002-2011</i>	Hsueh-Han Yeh, James C. Anthony United States

* 2014 InWomen Investigator Travel Awardee

**Given in coordination with NIDA's Women & Sex/Gender Differences Research Junior Investigator Travel Awards for CPDD 2014



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