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 with 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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<td>Predictors of retention in methadone maintenance treatment differ by gender (Page 13)</td>
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## 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
- Katherine Karlgodt
- 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

### 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 Karlgodt
- 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. Riehmman
- Megan E. Roth
- Scott Russo
- Pilar M. Sanjuan
- Valerie J. Slaymaker
- Anna Söderpalm
- Erin C. Stoffel
- Carolyn H. Stone
- Jolan M. Terner
- Arpana Agrawal
- Jeffery C. Batis
- Kelly A. Carrigan
- Christine C. Cloak
- Amy M. Duhi
- Kathyrn 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

### 2003
- 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
- Matthew W. Johnson
- Lynne M. Kemen

### 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
- 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. Nejtek  
Bronson F. Oosterhuis  
Jennifer L. Perry  
Rajeev Ramchand  
Punita K. Sunder  
Annelyn Torres-Revercón  
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 Babaloni  
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

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 Babaloni  
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
Evelyn M. Tschibelu
Elizabeth E. Van Voorhees
Alexa A. Wakley
Yukiko Washio
Liliane Cambraia Windsor
Luyi Zhou

2010
Leah Comment
Carro 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
Khampanseuth 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 Mashnoon
Tina Mathew
Meghan Morris
Harshini Neelakantan
Ketelin Nickel
Stephanie Ngyard
Catina O’Leary
Carmela Reichel
Lindsey Robertson
Daniel Roche
Crystal Schiller
Sneha Thamotharan
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

2013
Melanie Canterberry
Natania Crane
Mihai Dumitrescu
Eugene Dunne
Annesa Flentje
Brett Froeliger
Natasha 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 Spellacy
Denise Vidot
Kate Walsh
Reagan Wetherill
Nikki Wooten
Yang Yang
Justin Yates
Natalie Zlebnik
4:00  *Preclinical efficacy of an anti-methamphetamine vaccine with an E6020 adjuvant*

R. Arora\textsuperscript{1,2}, T. A. Kosten\textsuperscript{3}, R. S. Bennett\textsuperscript{1,2}, B. M. Kinsey\textsuperscript{2}, F. M. Orson\textsuperscript{1,2}, T. R. Kosten\textsuperscript{1,2},

\textsuperscript{1}Baylor College of Medicine, Houston, TX, \textsuperscript{2}MEDVAMC, Houston, TX, \textsuperscript{3}University of Houston, Houston, TX
Monday, June 16, 2014

Poster Session I
(Discount)

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

2  Understanding the buzz about energy drink use in college students
   University, Richmond, VA

3  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

4  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

5  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. Carter¹, 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. Bradshaw1,2, K. Debnam1, A. J. Milam1,3, 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

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. Lavallee2, 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. Delforterie1,2, H. Creemers1,2, 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. DeVeaugh-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. Higgins¹,², S. C. Sigmon¹,², S. H. Heil¹,², 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. Metz¹,², S. D. Comer¹, J. Wuerzl², A. Pribasnig², 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. Daulouède¹,², C. M. Denis¹, M. Fatseas¹, V. Beltran¹,², M. Auriacombe¹,², 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. Aharonovich1,2, D. S. Hasin1,2, 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

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

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. Peltier1,2, 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

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

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
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
200. Access to services for women with addiction in Eastern Europe
A.O. Abagiu\textsuperscript{1}, P. Dolezalova\textsuperscript{2}, Z. Alexandercikova\textsuperscript{3}, J.K. Csorba\textsuperscript{4}, V. Bogdanova\textsuperscript{5}, B. Habrat\textsuperscript{6}, A. Ivancic\textsuperscript{7}, A. Kastelic\textsuperscript{8}. \textsuperscript{1}National Institute for Infectious Diseases Prof. Dr. Matei Bals, ARENA OST Center, Romania; \textsuperscript{2}Clinic of Addictology, Medical Faculty, Charles University, Czech Republic; \textsuperscript{3}Center for Treatment of Drug Dependencies, Slovakia; \textsuperscript{4}Drug Outpatient and Prevention Center, Nyiro Gyula Hospital, Hungary; \textsuperscript{5}National Center for Addictions, Drug Demand Reduction Department, Bulgaria; \textsuperscript{6}Institute of Psychiatry and Neurology, Poland; \textsuperscript{7}Center for Addiction Treatment, Croatia; \textsuperscript{8}Center for Treatment of Drug Addiction, University Psychiatric Hospital, Slovenia

205. Tobacco use and exposure to secondhand smoke in Mexican pregnant women
O. Campollo\textsuperscript{1}, F. Hernandez\textsuperscript{2}, E. Angulo\textsuperscript{3}, A. Guzman\textsuperscript{2}, A. Munguia\textsuperscript{1}, M. Garcia\textsuperscript{1}, J.K. Cunningham\textsuperscript{4}. \textsuperscript{1}Center of Studies on Alcohol and Addictions, CUCS, Universidad de Guadalajara, Hospital Civil de Guadalajara, Mexico; \textsuperscript{2}Obstetrics Department, Antiguo Hospital Civil de Guadalajara, Mexico; \textsuperscript{3}Neonatology Department, Antiguo Hospital Civil de Guadalajara, Mexico; \textsuperscript{4}Department 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\textsuperscript{1,2}, L. Haddad\textsuperscript{3}. \textsuperscript{1}School of Medicine, Virginia Commonwealth University, United States; \textsuperscript{2}General Medical Management, Ain Shams University, Egypt; \textsuperscript{3}School of Nursing, Virginia Commonwealth University, United States

211. Male and female differences in the prevalence of ever use of illegal drugs in Peru
F. Fiestas\textsuperscript{1}, J. Beltran\textsuperscript{1}, A. Burela\textsuperscript{1}, M. Piazza\textsuperscript{1,2}. \textsuperscript{1}Instituto Nacional de Salud, Peru; \textsuperscript{2}Universidad Peruana Cayetano Heredia, Peru

225. Brazilian crack cocaine users: Preliminary results from a nationwide survey
M. Malta\textsuperscript{1}, N. Berton\textsuperscript{2}, F.I. Bastos\textsuperscript{2}. \textsuperscript{1}Social Science Department, Sergio Arouca School of Public Health, Oswaldo Cruz Foundation, Brazil; \textsuperscript{2}Institute 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. Echevarría¹,²,³, E. Gotuzzo¹,²,³. 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. Bucchese 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. Kiriazova¹,²,³, D.M. Cheng¹, S.M. Coleman¹, E. Blokhina⁴, E. Krupitsky⁴,⁵, M.C. Lira², C. Bridden⁶, A. Raj⁶, J.H. Samet⁷, 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\textsuperscript{1,2}, R. Linklater\textsuperscript{1}, S. Cunning\textsuperscript{1}. 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. Stein\textsuperscript{1}, J. Evans\textsuperscript{1}, A. Carrico\textsuperscript{1}, M. Sokunny\textsuperscript{2}, C. Srean\textsuperscript{2}, A. Weissman\textsuperscript{2}, S. Ngak\textsuperscript{2}, C. Sophal\textsuperscript{3}, N. Yuthea\textsuperscript{4}, L. Maher\textsuperscript{5}, K. Page\textsuperscript{1}. 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. Brandt\textsuperscript{1}, S. Fischberger\textsuperscript{2}, C. Aschauer\textsuperscript{2}, R. Jagsch\textsuperscript{3}, G. Fischer\textsuperscript{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. Kirtadze\textsuperscript{1}, D. Otiashvili\textsuperscript{1}, K. O'Grady\textsuperscript{2}, H. Jones\textsuperscript{3}, W. Zule\textsuperscript{4}, E. Krupitsky\textsuperscript{5}, W. Wechsberg\textsuperscript{4}. 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. Lawental\textsuperscript{1}, H. Taylor\textsuperscript{2}, M. Blumenfeld\textsuperscript{2}, O. Zaslavsky\textsuperscript{3}, T. Araten-Bergman\textsuperscript{1}. 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
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, T.L. Kline, I.A. Doherty, T. Carney, W.M. Wechsberg.
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
Tuesday, June 17, 2014

**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. Duan²¹, W. Chen¹, M. Li¹, Y. Wang¹, Y. Ma¹, S. Liu¹, J. Grady², H. Wu², 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. Morisano¹², 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. Pearlman², 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. Gonzalez¹, J. Vassileva¹, 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. Thamotharan, 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. Løhaugen², 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 Δ9-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 remifentanil dose on the acquisition of responding for a remifentanil-
    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. Nygard¹,², A. Klambatsen¹,², V. Quinones-Jenab¹,², S. Jenab¹,², 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. Daly¹,², A. Toussaint¹, M. Altubi¹, J. Encarnacion¹, S. Jenab¹,², V. Quinones-Jenab¹,²,
    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. Langleben1,2,1University 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. McQueeny2, 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. Vinci1,2, 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. Thorberg1,2,3, R. M. Young4,5, M. Lyvers4, J. P. Connor1,5, R. Tyssen2, A. S. Landheim1, E. London7, G. Feeney5,6, 1Innlandet Hosp Trust, Brumunddal, Norway, 2Univ Oslo, Oslo, Norway, 3Qld Univ Techn, 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. Zvolensky3, 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. Saladin²,¹, 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. Harp¹,², C. B. Oser³,⁴, 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-Dandieu¹,², H. Lenoir¹, E. Othily³, G. Tapia¹, M. Cassen², J. Delile¹,², ¹Addiction, CEID, Bordeaux, France, ²IMM, Conen, France, ³EA4139, Laboratoire Psychologie, Santé et Qualité de Vie, Université de Bordeaux, Bordeaux, France
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. McKee¹, 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

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

Increasing psychiatric comorbidity in recent smoking birth-cohorts
A. Talati¹, K. Keyes², D. S. Hasin²,¹, ¹Psychiatry, Columbia University and New York State Psychiatric Institute, New York, NY, ²Epidemiology, Columbia University Mailman School of Public Health, New York, NY

Changes in the prevalence of depression and anxiety disorders among daily smokers in the United States: 1990 to 2001
R. Goodwin¹,², S. Galea³, M. J. Zvolensky⁴,⁵, M. Wall⁵,⁶, Y. Nomura¹,⁷, D. S. Hasin²,⁵,⁶, 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

Individualized treatment for tobacco dependence in addictions treatment settings: The role of current depressive symptoms on outcomes at 3- and 6-months
L. Zawertailo¹,², D. Baliunas¹, P. L. Selby¹,³, 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 opioid use is associated with increased mortality in the Reasons for Geographic and Racial Differences in Stroke study
Y. Khodneva¹, P. Muntner¹, S. Kertesz²,¹, 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

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. Marceau¹,², V. Knopik³,⁴, D. Reiss¹, D. Shaw⁴, M. Natsuaki³, P. Fisher⁴, L. D. Leve⁶, J. M. Neiderhiser⁵, 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 Genna¹,², L. Goldschmidt², M. Cornelius¹,², 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. Cerese¹, 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. Skranes²,³, G. Lohaugen²,³, 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. Jagsch², G. Fischer¹,², ¹Center for Public Health, Medical University of Vienna, Vienna, Austria, ²Psychiatry and Psychotherapy, Medical 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
Wednesday, June 18, 2014

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. Hutchinson³, R. R. Haslam³, N. Lu⁴, S. Adeniyi-Jones⁴,  
M. Ehrlich⁵, W. K. Kraft¹, 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. Hand¹,², S. H. Heil¹,²,³, S. C. Sigmom¹,²,³, S. T. Higgins¹,²,³, 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. Campollo¹,², F. Hernandez¹, E. Angulo¹, A. Guzman¹, M. Garcia¹, 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. Ondersma¹,², 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. Fokina¹, 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. Vidot¹, 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. Sugarman1,2, S. Wigderson1, H. Conner1,2, G. Bailey3,4, G. Fitzmaurice1,2,
   S. F. Greenfield1,2, 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. Jensen3, 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. Terplan2,1, 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. Zule4, 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. Trenz2, K. Ritter3, 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. Balaji, B. Lambdin, J. Mbwambo, O. Chang, C. Nyandindi, M. Copenhaever, R. Bruce, Yale University, New Haven, CT, Pangea Global AIDS Foundation, Oakland, CA, Psychiatry, Muhimbili University of Health and Allied Sciences, Dar es Salaam, United Republic of Tanzania, Allied Health Sciences, University of Connecticut, Storrs, CT

124 Study attrition among HIV-infected Russian risky drinkers
T. Kiriazova, D. M. Cheng, S. Coleman, E. Blokhina, E. Krupitsky, M. C. Lira, C. Bridden, A. Raj, J. Same, Boston University, Boston, MA, Boston Medical Center, Boston, MA, Future without AIDS, Odessa, Ukraine, First Pavlov State Medical University, St. Petersburg, Russian Federation, Bekhterev Research Psychoneurological Institute, St. Petersburg, Russian Federation, University 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. Wu, E. Coman, H. Tennen, J. Grady, Psychiatry, U Conn Health Center, Farmington, CT, TRIPP Center, UConn Health Center, Farmington, CT, Community Medicine and Health Care, U Conn Health Center, Farmington, CT

143 Patterns of crack use among drug-using females in Mexico City
N. Negi, A. Valdez, A. Cepeda, G. Natera, School of Social Work, University of Maryland, Baltimore, Baltimore, MD, School of Social Work, University of Southern California, Los Angeles, CA, Instituto 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. Smith, J. S. Rose, G. A. Giovino, C. M. Mazure, S. A. McKee, Psychiatry, Yale University School of Medicine, New Haven, CT, Psychology, Wesleyan University, Middletown, CT, Community Health and Health Behavior, University at Buffalo, SUNY, Buffalo, NY
Wednesday, June 18, 2014

Oral Communications 12

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. Lopez1,2,3, S. T. Higgins1,2,3, 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

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

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. Stepp3, 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
Thursday, June 19, 2014

Poster Session IV  GRAN SALON
(Breakfast)  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. Azbel¹,², 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. Comfort¹,², B. Quinn¹, 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 poly-substance 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

27 Gender differences in smoking and treatment outcome among opioid-maintained smokers
   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. Brady1,2, S. E. Back1,2,
   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. Terplan1,2, 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\(^3\), N. Longinaker\(^1\), M. S. Chisolm\(^2\), \(^1\)Epidemiology and Public Health, University of Maryland School of Medicine, Baltimore, MD, \(^2\)Psychiatry, Johns Hopkins University School of Medicine, Baltimore, MD, \(^3\)Obstetrics, 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\(^1\), L. Barry\(^2\), J. Covault\(^3\), A. Kenny\(^4\), S. Oncken\(^5\), R. Bohannon\(^6\), J. Grady\(^7\), H. Wu\(^8\), \(^1\)Community Medicine & Healthcare, University of Connecticut Health Center, Farmington, CT, \(^2\)Center on Aging, UCHC, Farmington, CT, \(^3\)Medicine, UCHC, Farmington, CT, \(^4\)Depmt of Kinesiology, University of Connecticut, Storrs, CT, \(^5\)Connecticut Institute for Clinical and Translational Science (CIATS), University of Connecticut Health Center, Farmington, CT, \(^6\)Psychiatry, 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. Choo\(^1\), M. Ranney\(^1\), T. Wetle\(^3\), K. Morrow\(^2\), M. Mello\(^1\), D. Squires\(^4\), A. Garro\(^1\), C. Tape\(^1\), C. Zlotnick\(^5\), \(^1\)Department of Emergency Medicine, Warren Alpert School of Brown University, Providence, RI, \(^2\)Department of Psychiatry and Human Behavior, Warren Alpert Medical School of Brown University, Providence, RI, \(^3\)School of Public Health, Brown University, Providence, RI, \(^4\)Department 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. Campbell\(^1\), M. Hu\(^2\), S. F. Greenfield\(^3\), E. Nunes\(^4\), \(^1\)New York State Psychiatric Institute, New York, NY, \(^2\)Harvard Medical School, Boston, MA, \(^3\)Columbia 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\(^1\), T. Killeen\(^1\), A. Teer\(^1\), F. Beylotte\(^1\), J. L. McCauley\(^1\), D. F. Gros\(^1\), J. Hellmuth\(^1\), K. T. Brady\(^1\), \(^1\)Medical University of South Carolina, Charleston, SC, \(^2\)Ralph H. Johnson VA Medical Center, Charleston, SC

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41 **Cannabis use among women and during pregnancy**
F. Alharbi\(^1\), N. El-guebaly\(^2\), \(^1\)King Abdulaziz Medical City, Riyadh, Saudi Arabia, \(^2\)King Saud bin Abdulaziz University for Health Sciences, Riyadh, Saudi Arabia

42 **Effective HIV and substance abuse prevention programs for African-American women: Attending to culture and context**
F. Z. Belgrave\(^1\), D. Jones\(^2\), J. Richardson\(^1\), L. Beatty\(^3\), \(^1\)Psychology, Virginia Commonwealth University, Richmond, VA, \(^2\)Service Research Branch, NIDA, Bethesda, MD, \(^3\)American 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. Hasin1,2, E. Aharonovich1,2, 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. Hurmic1,2, F. Serre1,2, M. Fatseas1,2, M. Alix1,2, M. Auriacombe1,2, 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. McHugh1,2, E. Hilario1, K. McDermott1, M. L. Griffin1,2, R. Weiss1,2, 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. DuCcente2, 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. Hellem1,2, P. F. Renshaw1, 1Brain Institute, Univ of UT, SLC, UT, 2College of Nursing, Univ of UT, SLC, UT
Impact of psychiatric comorbidity in engagement in treatment after referral by an Addiction Liaison Psychiatry Unit
F. Fonseca¹,², J. Leon¹, M. Llobet¹, P. Rossi¹,², D. Martínez-Sanvisens¹,², C. Tamarit¹,², M. Farre¹,²,³, M. Torrens¹,²,³, 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
Analyzing disparities on tobacco use through CBPR
S. A. Henry²,¹, P. Sheikhattari¹,², F. A. Wagner¹,², ¹Prevention Sciences Research Center, Morgan State University, Baltimore, MD, ²School of Community Health and Policy, Morgan State University, Baltimore, MD

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

Perceived risk of regular cigarette smoking and marijuana use in the U.S, 2002-2012
L. R. Pacek¹, P. M. Mauro², S. S. Martins³,², ¹Psychiatry and Behavioral Sciences, Johns Hopkins University, Baltimore, MD, ²Mental Health, Johns Hopkins University, Baltimore, MD, ³Epidemiology, Columbia University, New York, NY

THEORETICAL/COMMENTARY
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. Wechsberg⁴, H. Jones⁵,⁶, 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. Levedowski¹, 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  
FOCUSBING 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  

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  

HAVE A SAFE TRIP HOME!

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

- 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

- 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
<table>
<thead>
<tr>
<th>Title</th>
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<tr>
<td>They Stole My Thunder – Warriors Who Were Behind the Walls:</td>
<td>Sharon Acoose*</td>
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<td>Experiential Storytelling with Criminalized Indian Women</td>
<td>Canada</td>
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<td>Marijuana use among women and during pregnancy</td>
<td>Fares Alharbi, Nady el-Guebaly</td>
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<td>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.</td>
<td>Jennifer Z. Huang Bouey, Tony Zheng, Ning Zhang, Na He</td>
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<td>ATS use and HIV among Cross-border Myanmar Female Sex Workers in Yunnan, China.</td>
<td>Jennifer Z. Huang Bouey*, Zhe Luo, Lin Duo</td>
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<td>Effects of maternal opioid maintenance therapy on neonatal outcomes:</td>
<td>Laura Brandt*, Stephanie Fischberger, Constantin Aschauer, Reinhold Jagsch, Gabriele Fischer</td>
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<td>methadone vs. buprenorphine</td>
<td>Austria</td>
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<td>Tobacco use and exposure to second hand smoke in Mexican pregnant women.</td>
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<td>Characteristics of smoking pregnant women in Guadalajara, Mexico.</td>
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<td>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?</td>
<td>Tara Carney, Bronwyn Myers, Tracy L. Kline, Felicia A. Browne, Charles Parry, Kim Johnson, Wendee M. Wechberg</td>
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<td>The influence of interpersonal violence and posttraumatic stress disorder on current drug use disorders among women</td>
<td>Courtenay Cavanaugh, William Latimer</td>
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<td>Differences between recent quitters and current smokers during pregnancy</td>
<td>V.H. Coleman-Cowger, V. Belur, M. Terplan</td>
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<td>PAWSitive Support: Applying Animal Assisted Therapy in the Treatment of Addictions &amp; Mental Health</td>
<td>Colleen Anne Dell</td>
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<td>Gender differences in psychiatric symptoms among opiate dependent patients in Russia</td>
<td>Alethea Desrosiers, Elena Blokhina, Evgeny Krupitsky, Marek Chawarski</td>
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<td>Treatment of women with substance use disorder at high risk of stigmatization</td>
<td>Pavla Dolezalova</td>
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<td>Secondhand Smoke Exposure among Working Women in a Developing Country: The Jordanian Case</td>
<td>O. El-Shahawy, L. Haddad</td>
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Fraiday, June 13, 2014
El Caribe Hilton, San Juan, Puerto Rico
Poster Session, 3:30 – 4:45 PM, Peacock Hall
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<tr>
<td>Macro-level research is needed to help develop programs and policies around women and drugs</td>
<td>Samuel R Friedman, Catherine R Friedman, Brooke West, Hannah LF Cooper, Barbara Tempalski, Diana Rossi, Danielle C Ompad</td>
<td>United States</td>
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<td>Family/social problems as a greater barrier to treatment entry for women than men</td>
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<td>Drug use patterns among participants in a woman-focused RCT in Georgia</td>
<td>I. Kirtadze*, D. Otiashvili, K. O’Grady, H. Jones, W. Zule, E. Krupitsky, W. Wechsberg</td>
<td>Georgia</td>
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<td>Prevalence of substance use disorders and HIV among female prisoners in Ukraine</td>
<td>Archana Krishnan*, Lyuba Azbel, Jeffrey A. Wickersham, Frederick L. Altice</td>
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<tr>
<td>Specialized women track in MMT clinic in Israel: Program description, client characteristics, and preliminary outcomes</td>
<td>Maayan Lawenta, Hila Taylor, Moshe Blumenfeld, Oleg Zaslavsky, Tal Araten-Bergman</td>
<td>Israel</td>
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<td>Characterizing sex differences among pain medication abusers</td>
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<td>Characteristics and quality of life of opioid-dependent pregnant women in Austria</td>
<td>Verena E Metz, Sandra D Comer, Johanna Wuerzl, Anna Pribasnig, Gabriele Fischer</td>
<td>Austria</td>
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<td>Longitudinal gender differences in HIV and criminal justice outcomes</td>
<td>Jaimie P. Meyer**, Javier Cepeda, Frederick L. Altice</td>
<td>United States</td>
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<td>Correlates of perceived need for drug treatment among women from disadvantaged communities in Cape Town, South Africa</td>
<td>Bronwyn Myers*, Tracy L. Kline, Irene A. Doherty, Tara Carney, Wendee M. Wechsberg</td>
<td>South Africa</td>
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<td>Patriarchal Discourse and HIV transmission among women living in Puerto Rico</td>
<td>Marinilda Rivera-Diaz, Nelson Varas-Diaz, Mark Padilla, Doralis Coriano-Ortiz, Marco Reyes-Estrada, Neisha Serrano-Ocasio</td>
<td>Puerto Rico</td>
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<tr>
<td>The Association of Intimate Partner Violence with Cigarette Smoking Before and During Pregnancy, 2004-2008 Births</td>
<td>S Salimi, M Terplan, M Chisolm, D Cheng</td>
<td>United States</td>
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<td>Feasibility and preliminary responses to a Screening and Brief Intervention Program for Maternal Mental Disorders within the Context of Primary Care</td>
<td>Katherine Sorsdahl, Petal Petersen, Kathy Everett-Murphy, Patricia DeVilliers, Bronwyn Myers, Dan J. Stein</td>
<td>South Africa</td>
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<td>Sex-related differences in oral operant ethanol self-administration in C57BL/6J mice</td>
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* 2014 InWomen Investigator Travel Awardee
**Given in coordination with NIDA’s Women & Sex/Gender Differences Research Junior Investigator Travel Awards for CPDD 2014
HAVE A SAFE TRIP HOME!

SEE YOU NEXT YEAR AT CPDD
IN PHEONIX, ARIZONA

JUNE 13-18, 2015