Focus on Women & Sex/Gender Differences

2013 Mini-Program

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.

To support junior investigators pursuing research careers on women and sex/gender differences, special NIDA travel awards 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 no more 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 4 and 5, 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 2014 CPDD meeting in San Juan, Puerto Rico, June 14-19, and we encourage you to apply (see the announcement on page 36).

Finally, if you are are interested in exploring funding opportunities for research on women and sex/gender differences, please see the listing on page 35.

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@mail.nih.gov, or
- Dr. Cora Lee Wetherington, NIDA Women and Sex/Gender Differences Research Program, Coordinator, telephone 301-435-1319; cwetheri@nida.nih.gov.

This Mini-Program was prepared by Dr. Samia Dawud Noursi, Deputy Coordinator, NIDA’s Women and Sex/ Gender Differences Research Program
# TABLE OF CONTENTS

NIDA’S WOMEN & SEX/GENDER DIFFERENCES JUNIOR INVESTIGATOR TRAVEL AWARDEES FOR CPDD 2013 ........................................... 4

NIDA’S WOMEN & SEX/GENDER DIFFERENCES JUNIOR INVESTIGATOR 1999 – 2012 TRAVEL AWARDEES ................................................................. 6

ORAL COMMUNICATIONS 1
ADDITION AND PAIN—HARD TO EXPLAIN ................................................ 8

ORAL COMMUNICATIONS 2
HE SAID, SHE SAID: GENDER DIFFERENCES ........................................... 8

WORKSHOP I

WORKSHOP III
ANIMAL MODELS OF SEX DIFFERENCES AND DRUG ABUSE: MIND THE GAPS ......................... 9

POSTER SESSION I .......................................................................................... 10

ORAL COMMUNICATIONS 4
DRUGS AND VIOLENCE—THE NEGATIVE SPIRAL ....................................... 13

SYMPOSIUM VI
SEX HORMONE MODULATION OF NICOTINE REWARD: EFFECTS ON URGES, AFFECT, PHYSIOLOGICAL RESPONSE, AND BRAIN ACTIVATION ................................................................. 14

ORAL COMMUNICATIONS 6
BABY BUMPS IN THE ROAD: CONSEQUENCES OF PERINATAL DRUG ABUSE .................... 14

PRE- AND POST-DOCTORAL TRAINEES NETWORKING EVENT ............................................. 15

WORKSHOP VIII
THE INTERPLAY OF THE JUVENILE JUSTICE AND ADOLESCENT TREATMENT SYSTEMS AND HOW TO USE EVIDENCED-BASED ASSESSMENT, TREATMENT AND IMPLEMENTATION PRACTICES TO IMPROVE OUTCOMES ........................................................................ 15

NIDA INTERNATIONAL MEETING POSTER SESSION .......................................................... 16

POSTER SESSION II ............................................................................................ 20

SYMPOSIUM X
SUBSTANCE USE: HEALTH AND SOCIAL EFFECTS IN OLDER DRUG USERS:
WHAT WE KNOW AND WE DON’T .............................................................................. 23

ORAL COMMUNICATIONS 9
MEMORY LANE: FROM IMPAIRMENT TO IMPROVEMENT .................................................. 23
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canterberry, Melanie</td>
<td>Medical University of South Carolina</td>
<td>Hypoactive BOLD response to general emotional stimuli among cocaine-dependent women (Page 32)</td>
</tr>
<tr>
<td>Crane, Natania</td>
<td>University of Illinois at Chicago</td>
<td>Sex differences in associations between age of initiated cannabis use &amp; neuropsychological performance (Page 23)</td>
</tr>
<tr>
<td>Dumitrescu, Mihai</td>
<td>Holtz Children’s Hospital UM Jackson Memorial Medical Center</td>
<td>Association of childhood sexual and other physical abuse with lifetime and prenatal drug use in urban African-American women (Page 26)</td>
</tr>
<tr>
<td>Dunne, Eugene</td>
<td>University of Florida</td>
<td>Women who trade sex for drugs only as a high-risk subgroup of sex workers: An exploratory analysis (Page 33)</td>
</tr>
<tr>
<td>Flentje, Annesa</td>
<td>University of California San Francisco</td>
<td>Differences by gender identity for individuals in substance abuse treatment (Page 9)</td>
</tr>
<tr>
<td>Froeliger, Brett</td>
<td>Medical University of South Carolina</td>
<td>Gender differences in state-dependent affective brain function and motivations to smoke (Page 8)</td>
</tr>
<tr>
<td>Goletiani, Nathalie</td>
<td>BPRL/McLean Imaging Center</td>
<td>Nicotine, HPA axis hormones and mood states in women (Page 30)</td>
</tr>
<tr>
<td>Hand, Dennis</td>
<td>University of Vermont</td>
<td>Identifying avenues for interventions to increase contraceptive use by opioid-maintained women (Page 21)</td>
</tr>
<tr>
<td>Hearn, Lauren</td>
<td>University of Florida</td>
<td>The association between incarceration history and HIV-related drug risk behaviors (Page 28)</td>
</tr>
<tr>
<td>Levi Minzi, Maria A.</td>
<td>Nova Southeastern University</td>
<td>Sex trading, substance abuse, and mental health problems among indigent HIV positive women: Implications for HIV treatment, adherence, and diversion (Page 12)</td>
</tr>
<tr>
<td>Lopez, Alexa</td>
<td>University of Vermont</td>
<td>Relationships between postpartum cigarette smoking and breastfeeding duration (Page 21)</td>
</tr>
<tr>
<td>Martin, Caitlin</td>
<td>Hopkins University School of Medicine</td>
<td>Contraception continuation among female exotic dancers seeking Johns mobile reproductive health services concurrent with syringe exchange (Page 31)</td>
</tr>
<tr>
<td>Meier, Elizabeth</td>
<td>University of Michigan Substance Abuse Research Center</td>
<td>A longitudinal study of adolescent girls’ medical misuse and nonmedical use of CNS depressant (Page 11)</td>
</tr>
<tr>
<td>Name</td>
<td>Institution</td>
<td>Abstract</td>
</tr>
<tr>
<td>-----------------------</td>
<td>--------------------------------------------------</td>
<td>----------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Metz, Verena</td>
<td>Columbia University</td>
<td>Favorable outcomes in newborns prenatally exposed to buprenorphine compared to methadone and slow-release oral morphine (Page 14)</td>
</tr>
<tr>
<td>Milivojevic, Verica</td>
<td>Yale University School of Medicine</td>
<td>Effects of plasma allopregnanolone levels on drug craving in cocaine-dependent men and women (Page 20)</td>
</tr>
<tr>
<td>Mueller, Melanie</td>
<td>Johns Hopkins University School of Medicine</td>
<td>Sex differences of MDMA metabolism in squirrel monkeys: A comparison to findings in humans (Page 10)</td>
</tr>
<tr>
<td>Oberleitner, Lindsay</td>
<td>Yale University School of Medicine</td>
<td>Childhood stressors differentially affect age of first use and telescoping across women and men (Page 30)</td>
</tr>
<tr>
<td>Patton, Rikki</td>
<td>University of Michigan</td>
<td>Transactional sex among an emergency department sample: Exploring gender, substance abuse and HIV risk (Page 33)</td>
</tr>
<tr>
<td>Saxena, Preeta</td>
<td>UCLA Integrated Substance Abuse Program</td>
<td>Childhood abuse is associated with alcohol use outcomes after gender responsive treatment for women in prison (Page 28)</td>
</tr>
<tr>
<td>Spellcy, Catherine</td>
<td>Baylor College of Medicine</td>
<td>Interaction of gender and genetics in response to cocaine vaccine (Page 10)</td>
</tr>
<tr>
<td>Vidot, Denise</td>
<td>University of Miami Miller School of Medicine</td>
<td>Arrest for violent offenses in early adulthood: Predictions from prenatal and adolescent cocaine exposure (Page 28)</td>
</tr>
<tr>
<td>Walsh, Kate</td>
<td>Columbia University Mailman School of Public Health</td>
<td>Gender-based violence, psychopathology and substance use disorders in a national sample of women (Page 13)</td>
</tr>
<tr>
<td>Wetherill, Reagan</td>
<td>University of Pennsylvania Perelman School of Medicine</td>
<td>Sex Differences in Brain Responses to Smoking Cues: A Perfusion fMRI Study (Page 8)</td>
</tr>
<tr>
<td>Wooten, Nikki</td>
<td>Boston University School of Social Work</td>
<td>Gender differences in substance use treatment utilization the year prior to deployment in Army Service Members (Page 29)</td>
</tr>
<tr>
<td>Yang, Yang</td>
<td>Texas Christian University</td>
<td>Sex/Gender Differences and the Impact of Risk Factors an Psychosocial Functioning on the Time to re-Arrest among Offenders Treated for Substance Use (Page 25)</td>
</tr>
<tr>
<td>Yates, Justin</td>
<td>University of Kentucky</td>
<td>Concurrent choice between cues for social interaction and amphetamine in adolescent male and female rats (Page 10)</td>
</tr>
<tr>
<td>Zlebnik, Natalie</td>
<td>University of Minnesota</td>
<td>Effects of orexin receptor antagonism on methamphetamine seeking in male and female adolescent and adult rats (Page 34)</td>
</tr>
<tr>
<td>Year</td>
<td>Names</td>
<td></td>
</tr>
<tr>
<td>------</td>
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<td>1999</td>
<td>Linda Chang, Tom Eisenberg, Robert Freeman, Wendy Lynch, Michelle Pilati, Tanya Telfair Sharp</td>
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<td>2005</td>
<td>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, Jolene Suh, Jean Summer, Dawn Thatcher, Karen Weierstall, Maria Zarza</td>
<td></td>
</tr>
<tr>
<td>2006</td>
<td>Lynn M. Anderson, Justin J. Anker, Shanna Babalonis, Vinita Batra, Jeffrey C. Batis, Kipling Bohnert</td>
<td></td>
</tr>
</tbody>
</table>
Oral Communications 1

ADDITION AND PAIN—HARD TO EXPLAIN

Chairs: Michelle R. Lofwall and Kelly E. Dunn

4:05 *Sex differences in VA patients with chronic pain*

M. B. Weimer¹, T. A. Macey², C. Nicolaidis¹,3, S. Dobscha²,4,5, B. J. Morasco²,4,5, ¹Department of Medicine, Oregon Health and Science University, Portland, OR, ²Department of Psychiatry, Oregon Health and Science University, Portland, OR, ³Department of Public Health and Preventive Medicine, Oregon Health and Science University, Portland, OR, ⁴Mental Health and Clinical Neurosciences Division, Portland VA Medical Center, Portland, OR, ⁵Portland Center for the Study of Chronic, Comorbid Mental and Physical Disorders, Portland VA Medical Center, Portland, OR

Oral Communications 2

HE SAID, SHE SAID: GENDER DIFFERENCES

Chairs: James Sorensen and Reagan R. Wetherill

2:20 *The impact of gender and motivation on perceptions of nonmedical use of prescription stimulants*

S. J. Lookatch¹, T. Moore¹, E. C. Katz², ¹Department of Psychology, University of Tennessee, Knoxville, TN, ²Department of Graduate Studies and Research, Towson University, Towson, MD

2:35 *Gender differences in risk perceptions of very low nicotine content cigarettes*

D. L. Joel¹, D. K. Hatsukami², L. Hertsgaard², S. S. Dermody¹, E. C. Donny¹, ¹Psychology, University of Pittsburgh, Pittsburgh, PA, ²Psychiatry, University of Minnesota, Minneapolis, MN

2:50 *Sex differences in brain responses to smoking cues: A perfusion fMRI study*


3:05 *Gender differences in state-dependent affective brain function and motivations to smoke*

B. Froeliger¹, F. J. McClearn¹, K. M. Gray², M. E. Saladin², ¹Psychiatry, Duke University Medical Center, Durham, NC, ²Psychiatry, Medical University of South Carolina, Charleston, SC

3:20 *Gender modifying effects on the association between stress and craving*

J. H. Kim, S. Martins, J. Santaella, D. S. Hasin, Epidemiology, Mailman School of Public Health, New York, NY

3:35 *Gender differences in anxiety sensitivity and sensation-seeking in relation to risk-taking on the Balloon Analogue Risk Task (BART)*

G. Kurdziel, A. Collado-Rodriguez, J. M. Townsend, L. MacPherson, C. W. Lejuez, Psychology, University of Maryland, College Park, MD
3:50 Poorer parental monitoring is associated with cocaine exposure in early adolescence in girls but not boys
   E. Mansoor¹, V. H. Accornero¹, J. C. Anthony², L. Xue¹, C. Morrow¹, E. Bandstra¹, ¹Pediatrics, University of Miami Miller School of Medicine, Miami, FL, ²Epidemiology, Michigan State University, East Lansing, MI

4:05 Differences by gender identity for individuals in substance abuse treatment
   A. Flentje¹, N. C. Heck², J. L. Sorensen¹, ¹University of California, San Francisco, San Francisco, CA, ²The University of Montana, Missoula, MT

Workshop I


Chairs: Don C. Des Jarlais, James Sorensen and Adam W. Carrico

Drug treatment experiences among female sex workers and their non-commercial partners along the Mexico-U.S. border
   Daniel O. Hernandez, University of California at San Diego, La Jolla, CA

Levamisole-contaminated cocaine use is associated with lower levels of prealbumin and white blood cell count in HIV-infected homeless women
   Elise D. Riley, University of California at San Francisco, San Francisco, CA

Workshop III

ANIMAL MODELS OF SEX DIFFERENCES AND DRUG ABUSE: MIND THE GAPS

Chairs: Suzette M. Evans and Cora Lee Wetherington

Sex influences on brain and emotional memory: The burden of proof has shifted
   Larry Cahill, University of California, Irvine, Irvine, CA

The contribution of social and environmental variables in our understanding of sex differences in substance abuse
   Michael Nader, Wake Forest University School of Medicine, Winston-Salem, NC

Sex and phenotypic variables affecting drug abuse and its treatment
   Justin Anker, University of Minnesota, Minneapolis, MN

Sex differences in triggers to relapse and pharmacological interventions in an animal model of addiction
   Carmela M. Reichel, Medical University of South Carolina, Charleston, SC

The translation challenge from animals to humans and back: Successes and gaps
   Rajita Sinha, Yale University School of Medicine, New Haven, CT
Monday, June 17, 2013

Poster Session I
(Breakfast)
(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 — ANIMALS I

6  Chronic methylphenidate and long-term effects on adult female WKY rats
    S. Kohlleppel, T. Trinh, N. Dafny, Neurobiology and Anatomy, UT Houston, Houston, TX

7  Chronic methylphenidate elicits long-term effects in adolescent female WKY rats
    T. Trinh, N. Dafny, UT Houston, Houston, TX

8  Concurrent choice between cues for social interaction and amphetamine in adolescent male and female rats
    J. R. Yates¹, F. C. Jennings¹, J. S. Beckmann¹, A. C. Meyer², M. T. Bardo¹, ¹Psychology,
    University of Kentucky, Lexington, KY, ²Psychiatry, University of Vermont, Burlington, VT

SEDATIVE HYPNOTICS

24  What's loneliness got to do with it? Older women’s use of benzodiazepines
    S. L. Canham, Department of Mental Health, Johns Hopkins Bloomberg School of Public
    Health, Baltimore, MD

PAIN

25  Effect of gender on pain sensitivity and tolerance in adolescents during acute abstinence
    K. S. Bagot¹², R. Wu², D. A. Cavallo², S. Krishnan-Sarin², ¹Child Study Center, Yale University
    School of Medicine, New Haven, CT, ²Psychiatry, Yale University School of Medicine, New
    Haven, CT

26  Sex differences among opioid-abusing chronic pain patients in a clinical trial
    J. M. Manubay¹², J. W. Davidson¹, S. K. Vosburg¹², J. D. Jones¹², Z. D. Cooper¹², J. Fogel²,
    S. D. Comer¹², M. Sullivan¹², ¹Psychiatry, Columbia University, New York, NY, ²Substance
    Abuse, NYSPI, New York, NY

CLUB DRUGS

38  Sex differences of MDMA metabolism in squirrel monkeys: A comparison to findings in humans
    M. Mueller, J. Yuan, U. McCann, G. Ricaurte, Johns Hopkins, Baltimore, MD

GENETICS

48  High genetic risk for methamphetamine intake in mice relates to perturbations in
    neurotransmission in medial prefrontal cortex and nucleus accumbens
    K. K. Szumlinski¹, D. Maliniak¹, M. G. Wroten¹, P. N. Ruiz¹, K. D. Lominac¹, T. J. Phillips²,
    ¹University of California Santa Barbara, Santa Barbara, CA, ²Oregon Health Sciences
    University, Portland, OR

56  Interaction of gender and genetics in response to cocaine vaccine
    Department of Psychiatry and Behavioral Sciences, Baylor College of Medicine, Houston, TX,
    ²Laboratory of Statistical Genetics, The Rockefeller University, New York, NY, ³Michael E.
    DeBakey V.A. Medical Center, Houston, TX
58  Weaker relationships among substance use and negative consequences in a Native-American treatment-seeking sample
   K. Venner¹, K. Hagler¹, B. Greenfield¹, B. K. Guis¹, J. D. Simmons¹, D. Lupee², R. Currier³, E. Homer³, Y. Yamutewa³, F. Lesansee³, J. S. Tonigan¹, ¹Psychology, University of New Mexico, Albuquerque, NM, ²Pueblo of Zuni MICRA Project, Pueblo of Zuni, NM, ³Center on Alcoholism, Substance Abuse, and Addictions, University of New Mexico, Albuquerque, NM, ⁴Zuni Recovery Center, Pueblo of Zuni, NM

59  Heritability of cannabis and tobacco use initiation: Findings from a genetically informative female twin cohort
   S. A. Dinovo, M. T. Lynskey, P. Madden, K. K. Bucholz, A. C. Heath, A. Agrawal, Psychiatry, Washington University in St. Louis, St. Louis, MO

PREScription DRUG ABUSE

61  Trauma histories of non-treatment-seeking prescription opioid-dependent individuals
   J. McCauley, M. A. Mercer, K. T. Brady, S. E. Back, Psychiatry and Behavioral Sciences, Medical University of South Carolina, Charleston, SC

62  Association of mental distress and non-medical prescription drug use: Gender differences in the National Monitoring of Prescription Stimulant Study (N-MAPSS)
   S. O. Lasopa, L. Cottler, C. Warren, Epidemiology, University of Florida, Gainesville, FL

63  A longitudinal study of adolescent girls’ medical misuse and non-medical use of CNS depressants
   E. A. Meier, Q. Epstein-Ngo, P. T. Veliz, S. E. McCabe, C. J. Boyd, Institute for Research on Women and Gender, University of Michigan, Ann Arbor, MI

64  Personality characteristics of young adult, non-medical prescription opioid users in central Ohio
   R. Falck, R. W. Nahhas, R. Daniulaityte, R. G. Carlson, Community Health, Wright State University Boonshoft School of Medicine, Dayton, OH

EPIDEMIOLOGY I

75  Predictors of injection cessation and relapse among female sex workers who inject drugs in two Mexican-U.S. border cities
   S. Strathdee¹, D. Abramovitz¹, G. Rangel¹, H. Staines², A. H. Vera¹, M. E. Medina-Mora³, H. Amaro⁴, T. L. Patterson¹, ¹UC San Diego, La Jolla, CA, ²Universidad Autonoma de Cd Juarez, CdJuarez, Mexico, ³Colegio de la Frontera Norte, Tijuana, Mexico, ⁴University of Southern California, Los Angeles, CA, ⁵Instituto Nacional de Psiquiatria Ramon de la Fuente, Mexico City, Mexico

89  Participation in team sports as related to alcohol and marijuana use growth in youth
   N. E. Lisha¹, W. D. Crano², K. Delucchi¹, ¹Psychiatry, UCSF, San Francisco, CA, ²SBOS, CGU, Claremont, CA

PREVENTION

93  The marginal effects of hazardous alcohol use on the probability of behavioral healthcare utilization among National Guard members
   C. van den Berk Clark, S. Balan, J. Scherrer, G. Widner, M. Shroff, R. K. Price, Psychiatry, Washington University, St. Louis, MO

HIV/AIDS

101  Amphetamine use mediates between impulsivity and anal intercourse
   K. L. Hess, D. G. Fisher, G. L. Reynolds, California State University, Long Beach, Long Beach, CA
Monday, June 17, 2013

104 Polydrug use and risk of blood-borne and sexually transmitted infections among heroin IDUs in Tijuana, Mexico
   M. C. Meacham1,2, K. C. Brouwer1, M. L. Rusch1, T. L. Patterson1, M. Lozada1, A. Vera1,
   S. Strathdee1, S. C. Roesch2, 1University of California San Diego, La Jolla, CA, 2San Diego
   State University, San Diego, CA

106 Beyond sexual partner concurrency: Overlapping injection partnerships among high-risk couples in Northern Mexico
   A. M. Robertson1, J. L. Syvertsen1, G. Martinez2, M. G. Rangel1, M. D. Ulibarri2,
   K. D. Wagner1, S. Strathdee1, 1Medicine, UC San Diego, La Jolla, CA, 2FEMAP, Ciudad
   Juarez, Mexico, 3COLEF, Tijuana, Mexico, 4Psychiatry, UC San Diego, La Jolla, CA

109 Sexual discounting among opioid-maintained women
   E. Herrmann, S. H. Heil, D. Hand, University of Vermont, Burlington, VT

110 Sex trading, substance abuse, and mental health problems among indigent HIV-positive women: Implications for HIV treatment, adherence, and diversion
   M. A. Levi Minzi, H. Surratt, S. P. Kurtz, Nova Southeastern University, Miami, FL

113 Prevalence of HIV, hepatitis C and depression among people who inject drugs in the Kinondoni Municipality in Dar es Salaam, Tanzania
   C. Nyandindi3, J. Mbwambo3, S. McCurdy4, B. Lambdin2, M. Copenhaver5, R. Bruce1,2, 1Yale
   University, New Haven, CT, 2Pangaea Global AIDS Foundation, Oakland, CA, 3Muhimbili
   University of Health and Allied Sciences, Dar es Salaam, United Republic of Tanzania, 4University of Texas, Houston, TX, 5University of Connecticut, Storrs, CT

CRACK COCAINE

121 Crack use mediates between impulsiveness and sex trading
   S. Clingan1, D. G. Fisher1, G. L. Reynolds1, K. L. Hess1, D. P. MacKinnon2, 1California State
   University, Long Beach, Long Beach, CA, 2Arizona State University, Tempe, AZ

POLYDRUGS ABUSE I

127 Topiramate impairs cognitive function in cocaine-dependent individuals maintained on methadone
   O. Rass, A. Umbricht, G. E. Bigelow, E. C. Strain, M. Mintzer, Department of Psychiatry and
   Behavioral Sciences, Johns Hopkins University School of Medicine, Baltimore, MD

139 Evaluation of perceived lack of control as a moderator of the relationship between lesbian, gay, and bisexual identities and alcohol, tobacco, and other drug abuse and dependence
   A. Flynn, Mental Health, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

143 Not ashamed anymore: Longitudinal changes in barriers to treatment entry for online treatment seekers
   A. Jaffe1,2, D. Murphy1, T. Shaheed2, A. Coleman2, Y. Hser1, 1Integrated Substance Abuse
   Programs, University of California, Los Angeles, Los Angeles, CA, 2California Treatment
   Services, LLC, Beverly Hills, CA
Oral Communications 4

Indigo H
10:00 - 12:05 PM

Drugs and Violence—The Negative Spiral

Chairs: Quyen Epstein-Ngo and Philip H. Smith

10:05 Intimate partner violence victimization and cigarette smoking: A meta-analytic review
C. A. Crane1, S. Hawes2, A. H. Weinberger2, 1Research Institute on Addictions, University at Buffalo, SUNY, Buffalo, NY, 2Department of Mental Health and Addiction Services, Yale University, New Haven, CT

10:20 Intimate partner violence and Iranian women with substance use disorders
E. Merghati-khoei1,2, J. E. Korte2, S. Rimaz1, S. E. Back2, K. T. Brady2, N. Shamsalizadeh1, 1School of Public Health, Tehran University of Medical Sciences, Tehran, Islamic Republic of Iran, 2Psychiatry & Behavioral Sciences, MUSC, Charleston, SC

10:35 Gender-based violence, psychopathology and substance use disorders in a national sample of women
K. Walsh1, K. Keyes1, S. Galea1, B. Grant2, D. S. Hasin1, 1Epidemiology, Columbia University, New York, NY, 2NIAAA, Bethesda, MD

10:50 Substance use and motivations for violence: Event-level analyses of gender differences in antecedents to dating vs. peer violence
Q. Epstein-Ngo1, M. A. Walton1, S. T. Chermack1, F. C. Blow1, B. M. Booth2, M. A. Zimmerman1, R. M. Cunningham1, 1University of Michigan, Ann Arbor, MI, 2University of Arkansas, Fayetteville, AR

11:05 The interaction between spouses’ drug use in the prediction of intimate partner violence
P. H. Smith1, G. G. Homish1, K. E. Leonard1, R. L. Collins1, G. A. Giovino1, H. R. White2, 1University at Buffalo, SUNY, Buffalo, NY, 2Rutgers University, Piscataway, NJ

11:20 Alcohol as a predictor of violence victimization among U.S. college students: An analysis of sex differences

11:35 The event-specific etiology of intimate partner violence: The role of alcohol use and psychiatric conditions
J. M. Reingle1, W. G. Jennings2, M. Businelle1, K. Chartier1, 1University of Texas Health Science Center at Houston, Dallas, TX, 2Department of Criminology, University of South Florida, Tampa, FL
Monday, June 17, 2013

Symposium VI

SEX HORMONE MODULATION OF NICOTINE REWARD: EFFECTS ON URGES, AFFECT, PHYSIOLOGICAL RESPONSE, AND BRAIN ACTIVATION

Chairs: Sharon Allen and Cora Lee Wetherington

1:55  Allopregnanolone and smoking-related symptomatology during smoking cessation in premenopausal women
      Alicia Allen, Tobacco Research Programs, University of Minnesota, Minneapolis, MN

2:15  Influences of gonadal hormones and sex on responses to intravenous nicotine
      Elise E. DeVito, Yale University School of Medicine, New Haven, CT

2:35  Hormonal effects on the brain's response to smoking CUES: A perfusion FMRI study
      Teresa R. Franklin, Center for the Studies of Addiction, University of Pennsylvania, Philadelphia, PA

Oral Communications 6

BABY BUMPS IN THE ROAD: CONSEQUENCES OF PERINATAL DRUG ABUSE

Chairs: Loretta P. Finnegan and Diann E. Gaalema

1:55  Difference in time to treatment in neonates exposed to buprenorphine or methadone in utero
      D. E. Gaalema1, S. H. Heil1, J. Metayer2, A. Johnston2, 1University of Vermont, Burlington, VT,
      2Fletcher Allen Health Care, Burlington, VT

2:10  Genetic predictors of neonatal abstinence syndrome in methadone-exposed infants
      A. L. Gordon1, M. R. Hutchinson2, R. R. Haslam3, J. K. Coller2, 1University of South Australia,
      Adelaide, SA, Australia, 2University of Adelaide, Adelaide, SA, Australia, 3Women's and
      Children's Hospital, Adelaide, SA, Australia

2:25  Favorable outcomes in newborns prenatally exposed to buprenorphine compared to methadone
      and slow-release oral morphine
      V. Metz1,2, S. D. Comer2, G. Fischer1, 1Medical University of Vienna, Vienna, Austria,
      2Columbia University NYSPI, New York, NY

2:40  Longitudinal outcomes of MDMA (ecstasy)-exposed infants in the United Kingdom
      L. Singer1, D. G. Moore2, M. O. Min1, J. Goodwin2, J. J. Turner2, S. Fulton1, A. C. Parrott3,
      1Case Western Reserve University, Cleveland, OH, 2The University of East London, London,
      United Kingdom, 3Swansea University, Singleton Park, United Kingdom
Pre- and Post-Doctoral Trainees Networking Event

Workshop VIII

THE INTERPLAY OF THE JUVENILE JUSTICE AND ADOLESCENT TREATMENT SYSTEMS AND HOW TO USE EVIDENCED-BASED ASSESSMENT, TREATMENT AND IMPLEMENTATION PRACTICES TO IMPROVE OUTCOMES

Chairs: Michael L. Dennis and Redonna Chandler

Moderator effects of gender and ethnicity across multidimensional family therapy randomized controlled trials in community and justice settings: An integrative data analysis
Craig Henderson, Sam Houston State University, Huntsville, TX
NIDA International Meeting Poster Session  
**INDIGO West Foyer**  
8:00 – 10:00 PM

Chair: Steven W. Gust

**BASIC SCIENCE**

*Brain-derived neurotrophic factor levels at umbilical cord blood among babies exposed to crack during pregnancy*

C. Szobot1,2, V. Mardini1,2, L. Pereira1, R. Parcianello3, L. Manna3, N. Canabarro3, L. Rohsig2, F. Pechansky1,2, L.A. Rohde1,2. 1Universidade Federal do Rio Grande do Sul, Brazil; 2Hospital de Clinicas de Porto Alegre, Brazil; 3Lutheran University of Brazil (ULBRA), Brazil

**EPIDEMIOLOGY**

*Smoking prevalence and exposure to secondhand smoke during pregnancy in Mexican women*

O. Campollo1,2, F. Hernandez2, E. Angulo3, A. Guzman4, I. Navarro1, M. Garcia5, A. Munguia1, J.K. Cunningham4. 1Center of Studies on Alcohol and Addictions, Universidad de Guadalajara, Mexico; 2Obstetrics Department, Hospital Civil de Guadalajara, Mexico; 3Neonatology Department, Antiguo Hospital Civil de Guadalajara, Mexico; 4Department of Family and Community Medicine, The University of Arizona, United States

*Predictors of opioid use among women in Afghanistan: Data from the Afghanistan National Urban Drug Use Study*

A.V. Cherian1, C.W. Ruktanonchai1, K. Vaddiparti1, M.A. Ghani2, D.M. Martin3, M.S. Gold4, L.B. Cottler1. 1Department of Epidemiology, College of Public Health and Health Professions and College of Medicine, University of Florida, United States; 2Spectre Group, Afghanistan; 3JMJ Technologies, United States; 4Department of Psychiatry, College of Medicine, University of Florida, United States

*Illicit drug use in Guatemala: Critical perspectives of family and familiars*

J.B. Diaz Carranza1, B. Brands2, E. Adlaff2, N. Giesbrecht2, L. Simich2, M.G.M. Wright1. 1Universidad de San Carlos, Guatemala; 2Centre for Addiction and Mental Health, Canada; 3Organization of American States, Inter-American Drug Abuse Control Commission, United States

*Testing for amphetamine-type stimulant (ATS) use to ascertain validity of self-reported ATS use among young female sex workers in Cambodia*

V. Kab1, J. Evans2, N. Sansothy3, E. Stein2, M. Claude-Couture2, L. Maher4, and K. Page5. 1School of Public Health, University of California, Berkeley, United States; 2Department of Epidemiology and Biostatistics, University of California, San Francisco, United States; 3Cambodia National Center for HIV, AIDS, Dermatology and STDs, Cambodia; 4The Kirby Institute (formerly the National Centre in HIV Epidemiology and Clinical Research), Australia; Young Women’s Study Collaborative, Department of Epidemiology and Biostatistics, University of California, San Francisco, United States
Tobacco use during pregnancy in two different populations
R. Magri1, J. Jones2, H. Míquez3, M. Suárez1, H. Suárez4. 1Universidad de la Republica, Uruguay; 2United States Drug Testing Laboratories, United States; 3Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), Argentina; 4Observatorio de Drogas, Uruguay

Vocalized truths: Iranian drug-using women’s narratives
E. Merghati-Khoei1,2, F. Yadollahi1, K. Dolan3, S. Rimaz1, T.K. Killeen2. 1Department of Public Health, Tehran University of Medical Sciences, Iran; 2Department of Psychiatry and Behavioral Sciences, Medical University of South Carolina, United States; 3National Drug and Alcohol Research Center, University of New South Wales, Australia

It takes [at least] two to share: Understanding decision-making processes influencing high-risk injecting behaviors
M.D. Morris1, A. Bates2, K. Page1, J. Hahn3, L. Maher2. 1Department of Epidemiology and Biostatistics, University of California, San Francisco, United States; 2The Kirby Institute, University of New South Wales, Australia; 3Department of Medicine, University of California, San Francisco, United States

Substance use during pregnancy among women attending midwife obstetric units in the Cape Metropole, South Africa
P. Petersen Williams1, E. Jordaan2, C. Mathews3,4, C.D.H. Parry1,5. 1Alcohol and Drug Abuse Research Unit, Medical Research Council, South Africa; 2Biostatistics Unit, South African Medical Research Council, South Africa; 3School of Public Health and Family Medicine, University of Cape Town, South Africa; 4Health Systems Research Unit, South African Medical Research Council, South Africa; 5Department of Psychiatry, Stellenbosch University, South Africa

Gender and outcomes of heroin abusers admitted to a methadone maintenance program in Spain
I. Rivas1, E. Faure1, A. Sanvisens2, D. Fuster3, M. Rubio1, T. Muñoz1, J. Tor1,4, R. Muga1,4. 1Municipal Center for Substance Abuse Treatment (Centro Delta–Bus Intermunicipal de Metadona), IMSP, Spain; 2Department of Internal Medicine, Hospital Universitari Germans Trias i Pujol, Spain; 3Section of General Internal Medicine, Boston Medical Center, Boston University School of Medicine, United States; 4Universitat Autònoma de, Spain

“Double risk–double stigma”: Characteristics of injection drug use (IDU) sex workers in comparison with non-IDU sex workers in Russia
M. Rusakova1,2. 1NGO Stellit, Social Studies, Russia; 2The Sociological Institute of the Russian Academy of Sciences, Deviance and Social Control, Russia

Factors related to the use of areca nut among families in a municipality in Cordillera Region, Philippines
J. Sagabaen, Jr., J. Pascual, E. Castillo, I. Escartin. Postgraduate Institute of Medicine, University of the Philippines, College of Medicine, Department of Health, Philippines

Socio-psychosocial conditions of migration and drug abuse in women
R. Sánchez-Huesca1, J.L. Arellanez-Hernández2, V. Pérez-Islas3. 1Research and Training, Centros de Integración Juvenil, Mexico; 2Psychosocial Research Department, Centros de Integración Juvenil, Mexico
History of abuse and depression symptoms among injection drug-using female sex workers in Mexico

M.D. Ulibarri¹, S.P. Hiller¹, R. Lozada², M.G. Rangel³, J.K. Stockman¹, J.G. Silverman¹,
V.D. Ojeda¹. ¹University of California, San Diego, United States; ²PrevenCasa, México;
³El Colegio de La Frontera Norte, México

Risk factors for self-reported physical abuse of women households in Afghanistan: Data from the Afghanistan National Urban Drug Study

K. Vaddiparti¹, C. Striley¹, M.A. Ghani², D.M. Martin³, C. Ruktanonchai¹, M.S. Gold⁴,
L.B. Cottler¹. ¹Department of Epidemiology, College of Public Health and Health Professions and College of Medicine, University of Florida, United States; ²Spectre Group, Afghanistan; ³JMJ Technologies, United States; ⁴Department of Psychiatry, College of Medicine, University of Florida, United States

PREVENTION

The influence of gender differences and engaging in romantic relationships on substance use offers among Mexican adolescents

J. Booth¹,², F. Marsiglia¹,², B. Nuño-Gutiérrez³. ¹School of Social Work, Arizona State University, United States; ²Southwest Interdisciplinary Research Center, Arizona State University, United States; ³University of Guadalajara and Mexican Social Security Institute, Mexico

Comprehensive programs for children and mothers with substance abuse issues

P. Dolezalova. Hubert H. Humphrey Fellowship Program, Bloomberg School of Public Health, Johns Hopkins University, United States; Department of Addictology, First Faculty of Medicine, Charles University–Prague, Czech Republic; General Faculty Hospital–Prague, Czech Republic

Ways to increase coverage of harm reduction programs in women-friendly facilities in Iran: A qualitative study

S.R. Radfar. Thought, Culture and Health (ROOZBEH) Drug Abuse Prevention Institute, Iran

Motherhood and HIV: Exploring the relationship between motherhood and HIV risk behaviors among female sex workers who are also injection drug users in two Mexican–U.S. border cities

A. Servin Aguirre¹,², J.G. Silverman², G. Rangel³, G. Martinez⁴, A. Vera², S.A. Strathdee². ¹School of Medicine, Universidad Xochicalco, Campus Tijuana, Mexico; ²Department of Medicine, Division of Global Public Health, University of California, San Diego, United States; ³El Colegio de la Frnera Norte (COLEF), Mexico; ⁴Salud y Desarrollo Comunitario de Ciudad Juárez A.C. (SADEC) and Federación Mexicana de Asociaciones Privadas (FEMAP), Mexico

Impaired hypothalamus-pituitary-gonadal axis in women with long-term methamphetamine use

Y.S. Zhang¹, W.W. Shen², Y. Liu³, L.H. Li³, W.H. Zhou²,³. ¹Department of Gynecology, No.1 People’s Hospital of Ningbo, China; ²Ningbo Addiction Research and Treatment Center, China; ³School of Medicine, Ningbo University, China
TREATMENT

Family functional treatment
L. Caris, H. Waldron, H. Hops. University of Chile, Chile

Influence of age and gender on the likelihood of endorsing cannabis use disorder criteria
M. Delforterie, H. Creemers, A. Agrawal, M. Lysne, A. Huizink. Research Institute of Child Development and Education, University of Amsterdam, The Netherlands; Faculty of Psychology and Education and the Institute for Health and Care Research Institute, VU University, The Netherlands; Department of Psychiatry, School of Medicine, Washington University in St. Louis, United States

Maltreatment during childhood and its relationship to substance use among university students in Bogotá, Colombia
J.D. Gomez, W.R. Mann, J. Sapag, H. Hamilton, P. Erickson, A. Khenti, B. Brands, N. Giesbrecht, M.G.M. Wright, F. Cumsille. Pontificia Universidad Javeriana in Bogotá, Colombia; Center for Addiction and Mental Health, Canada; Inter-American Drug Abuse Control Commission, United States

Stigma, violence, and the lack of confidentiality: The need for comprehensive, women-centered drug treatment in Georgia
I. Kirtadze, D. Otashvili, K. O’Grady, H. Jones, W. Zule, E. Krupitsky, W. Wechsberg. Addiction Research Center, Alternative Georgia, Republic of Georgia; Department of Psychology, University of Maryland, United States; RTI International, United States; Department of Addictions, Bekhterev Research Psychoneurological Institute, Russia

Methamphetamine use among females at a residential detoxification center: Implications for treatment
A. Noroozi, Z.A. Mehrjerdi, S. Mansoori, K. Dolan, M. Zarhghami. School of Advanced Medical Technologies, Iranian National Center for Addiction Studies (INCAS), Tehran University of Medical Sciences, Iran; INCAS, Tehran University of Medical Sciences, Iran; Program of International Research and Training, National Drug and Alcohol Research Centre, University of New South Wales, Australia; Department of Psychiatry, Faculty of Medicine, Mazandaran University of Medical Sciences, Iran

Prenatal cigarette smoking and readiness for change among pregnant women in Montevideo, Uruguay
A. Pascale, C. Bares, D. Svikis, E. de Souza, F. Sarries. Department of Toxicology, School of Medicine, Uruguay; School of Social Work, and; Department of Psychology, Virginia Commonwealth University, United States

Co-occurring methamphetamine use among heroin-dependent females: A report from a gender-specific center
S. Rezaee, Z.A. Mehrjerdi, A. Mokri, R. Rawson, A. Noroozi. Department of Cultural Studies, Allameh Tabatabain University, Iran; Iranian National Center for Addiction Studies (INCAS), Tehran University of Medical Sciences, Iran; Department of Psychiatry, Tehran University of Medical Sciences, Iran; Integrated Substance Abuse Programs, Department of Psychiatry, University of California, Los Angeles, United States; School of Advanced Medical Technologies, INCAS, Tehran University of Medical Sciences, Iran
Tuesday, June 18, 2013

Poster Session II
(Breakfast)
Odd-numbered posters manned first hour;
Even-numbered, second hour

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

STIMULANTS—HUMAN STUDIES

16 A qualitative study of methamphetamine users’ perspectives on barriers and facilitators of drug abstinence
D. Herbeck, K. Lovinger, M. Brecht, D. Christou, L. Rodriguez, P. Sheaff, Integrated Substance Abuse Programs, UCLA, Los Angeles, CA

ADOLESCENT DRUG ABUSE I

19 Behavioral adjustment in prenatally cocaine-exposed adolescents
M. O. Min², S. Minnes¹, E. J. Short², S. Yoon³, L. T. Singer³, ¹Applied Social Sciences, Case Western Reserve University, Cleveland, OH, ²Psychology, Case Western Reserve University, Cleveland, OH, ³Environmental Health, Case Western Reserve University, Cleveland, OH

21 Initiation into drug dealing among street-involved youth in a Canadian setting
K. DeBeck¹, C. Feng², W. Small³, K. Chan¹, T. Kerr¹, E. Wood¹, ¹BC Centre for Excellence in HIV/AIDS, Vancouver, BC, Canada, ²University of Saskatchewan, Saskatoon, SK, Canada

22 Multiple problem behaviors associated with amphetamine use among delinquent and incarcerated adolescents in Los Angeles County
C. M. Branson, Integrated Substance Abuse Programs, UCLA, Los Angeles, CA

25 Problem behaviors and criminal thinking among adolescents in residential substance abuse treatment
R. Crawley, D. Knight, J. E. Becan, P. Flynn, Texas Christian University, Institute of Behavioral Research, Fort Worth, TX

CRAVING

43 Does craving predict substance use for different substance use disorders? An Ecological Momentary Assessment study in patients with alcohol, tobacco, cannabis and heroin dependence
F. Serre¹,², M. Fatseas¹,², J. Swendsen², M. Auriacombe¹,², ¹Addiction Psychiatry, Univ. Bordeaux / CNRS UMR 5287 INCIA, Univ. Bordeaux, Bordeaux, France, ²CNRS UMR 5287 INCIA, Univ. Bordeaux, Bordeaux, France, ³CH Ch. Perrens et CHU de Bordeaux, Bordeaux, France

44 Does cue type matter for craving? Comparison of substance-specific and person-specific cues using mobile technologies
M. Fatseas¹,², F. Serre¹,², J. Swendsen², M. Auriacombe¹,², ¹Addiction Psychiatry, Univ. Bordeaux / CNRS USR 3413, Bordeaux, France, ²CNRS UMR 5287 INCIA, Univ. Bordeaux, Bordeaux, France, ³CH Ch. Perrens et CHU de Bordeaux, Bordeaux, France

51 Effects of plasma allopregnanolone levels on drug craving in cocaine-dependent men and women
V. Milivojevic¹, J. Covault², R. Sinha¹, ¹Psychiatry, Yale University School of Medicine, New Haven, CT, ²Psychiatry, University of Connecticut School of Medicine, Farmington, CT
NICOTINE I

59  Does pregnancy alter the activity of baboon (Papio cynocephalus) hepatic cytochrome P450 2B in the biotransformation of bupropion?
X. Wang1, D. I. Vernikovskaya1, V. M. Fokina1, C. Bauer2, K. Rice2, G. D. Hankins1, M. S. Ahmed1, T. N. Nanovskaya1, 1Department of Obstetrics & Gynecology, University of Texas Medical Branch, Galveston, TX, 2Texas Biomedical Research Institute, San Antonio, TX

60  Relationships between postpartum cigarette smoking and breastfeeding duration

61  Incentive-based treatment for pregnant smokers
S. T. Higgins1, Y. Washio2, A. A. Lopez1, S. H. Heil1, L. J. Solomon1, M. E. Lynch1, J. Hanson1, T. M. Higgins1, J. M. Skelly1, I. M. Bernstein1, 1Univ. of VT, Burlington, VT, 2Univ. of PA, Philadelphia, PA

62  Smoking prevalence and exposure to second hand-smoke in Mexican pregnant women
O. Campollo1, F. Hernandez2, E. Angulo3, A. Guzman2, I. Navarro1, M. Garcia3, A. Munguia1, J. K. Cunningham4, 1Center of Studies on Alcohol and Addictions, University of Guadalajara, Guadalajara, Mexico, 2Obstetrics, Hospital Civil Guadalajara, GDL, Mexico, 3Neonatology, Hospital Civil Guadalajara, GDL, Mexico, 4Family & Community Medicine, University of Arizona, Tucson, AZ

64  Gender differences in withdrawal when using very low nicotine content cigarettes
S. S. Dermody1, D. L. Joel1, E. Donny1, L. Hertsgaard2, D. Hatsukami2, 1Psychology, University of Pittsburgh, Pittsburgh, PA, 2Psychiatry, University of Minnesota, Minneapolis, MN

OPIOIDS—HUMAN STUDIES

76  Subgroup differences in trajectories of heroin use and treatment effectiveness: An intersectionality viewpoint
C. Peng, Y. Hser, UCLA ISAP, Los Angeles, CA

80  Identifying avenues for interventions to increase contraceptive use by opioid-maintained women
D. Hand1, S. H. Heil1-2, 1Department of Psychiatry, University of Vermont, Burlington, VT, 2Department of Psychology, University of Vermont, Burlington, VT

81  Improving effective contraceptive use among opioid-maintained women
S. H. Heil1-2, D. J. Hand1, S. C. Sigmion1-2, M. C. Meyer1, S. T. Higgins1-2, 1Psychiatry, University of Vermont, Burlington, VT, 2Psychology, University of Vermont, Burlington, VT, 3Obstetrics and Gynecology, University of Vermont, Burlington, VT

POLICY

101  But then what? A longitudinal analysis of child custody issues and how they impact future substance-using behavior among African-American mothers
K. L. Harp1, C. B. Oser1-2, B. Perry1, 1Sociology, University of Kentucky, Lexington, KY, 2Center on Drug and Alcohol Research, University of Kentucky, Lexington, KY

PROGRAM DESCRIPTION

111  Themes in brief intervention sessions with substance-using emergency department patients: Interventionists’ perspectives
C. Lizarraga, A. A. Forcehimes, M. Bogenschutz, CASAA, UNM, ABQ, NM
**ALCOHOL**

123  *On-site ethyl glucuronide immunoassay monitoring of alcohol use in cocaine-dependent outpatients*

T. J. White1, S. T. Higgins1,2, D. Vurbic1,2, R. Redner1, J. Skelly3, 1Psychiatry, University of Vermont, Burlington, VT, 2Psychology, University of Vermont, Burlington, VT, 3Medical Biostatistics, University of Vermont, Burlington, VT

132  *The impact of substance use and gender on Condom Use Self-Efficacy in a rural treatment-seeking sample*

J. Simmons1,2, D. Lupee3,4, B. Greenfield1,2, M. Romero1,2, J. S. Tonigan2,1, R. Currier4,3, E. Homer3,4, Y. Yamutewa3,4, F. Lesansee4, K. Venner1,2, 1Psychology, University of New Mexico, Albuquerque, NM, 2Center on Alcoholism, Substance Abuse and Addictions, University of New Mexico, Albuquerque, NM, 3Pueblo of Zuni MICRA Project, Pueblo of Zuni, NM, 4Zuni Recovery Center, Pueblo of Zuni, NM

133  *Alcohol use and related problems in the São Paulo Megacity Mental Health Survey, Brazil: Influences of neighborhood social deprivation and individual socioeconomic status*

C. M. Silveira1, E. R. Siu1, S. Martins2, L. P. Saito1, A. G. Andrade1, M. C. Viana1, L. H. Andrade1, 1University of São Paulo Medical School, Sao Paulo, Brazil, 2Columbia University, New York, NY, NY

**PERINATAL DRUG ABUSE**

138  *Characteristics of perinatal women seeking treatment for marijuana abuse in a community-based clinic*

G. K. Tzilos1, L. Hess2, J. Kao2, C. Zlotnick2, 1Center for Alcohol & Addiction Studies, Brown University, Providence, RI, 2Women and Infants Hospital, Brown University, Providence, RI

139  *BDNF levels at umbilical cord blood (UCB) among babies exposed to crack during pregnancy*

V. Mardini1,4,5, C. Szobot4,2, R. Parcianello2, L. Manna2, L. Röhsig6,1, N. Canabarro2, N. Gambogi4, M. Sehe2, M. Zavaschi1, K. M. Cereser5,1, G. Fries5, F. Kapczinsky1,3, F. Pechansky1,3, L. A. Rohde1,5, 1UFRGS, Porto Alegre, Brazil, 2ULBRA, Canoas, Brazil, 3Laboratório de Psiquiatria Molecular, HCPA, Porto Alegre, Brazil, 4Research Center on Alcohol and Drugs, HCPA, Porto Alegre, Brazil, 5ADHD Outpatient Clinic, HCPA, Porto Alegre, Brazil, 6Serviço de Hemoterapia, HCPA, Porto Alegre, Brazil

140  *Serum concentrations of BDNF during the immediate puerperium among women with crack dependence in comparison to healthy mothers: Preliminary data*

C. Szobot4,2,3, V. Mardini1,2,3, F. Pechansky1,3, F. Kapczinski3,1, K. M. Cereser5,1, G. Fries5, N. Canabarro2, L. Manna2, R. Parcianello2, M. Zavaschi1, F. Rosa2, L. Pereira3, L. A. Rohde4,1, 1UFRGS, Porto Alegre, Brazil, 2ULBRA, Canoas, Brazil, 3Research Center on Alcohol and Drugs, HCPA, Porto Alegre, Brazil, 4ADHD Outpatient Clinic, HCPA, Porto Alegre, Brazil, 5Laboratório de Psiquiatria Molecular, HCPA, Porto Alegre, Brazil

141  *The relationship between postpartum depression and change in perinatal alcohol use: An analysis of PRAMS data*

S. Salimi1, M. Chisolm2, D. Cheng3, M. Terplan4, 1Department of Medicine, University of Maryland, Baltimore, MD, 2Department of Psychiatry and Behavioral Sciences, Johns Hopkins University School of Medicine, Baltimore, MD, 3Bureau for Maternal and Child Health, Maryland Department of Health and Mental Hygiene, Baltimore, MD, 4Obstetrics, Gynecology and Reproductive Sciences and Epidemiology and Public Health, University of Maryland, Baltimore, MD
Tuesday, June 18, 2013

142  Fetal Alcohol Spectrum Disorder: A growing concern in Israel?  
Y. Neumark¹, I. D. Wexler², A. Tenenbaum², ¹Braun School of Public Health, Hebrew University-Hadassah, Jerusalem, Israel, ²Pediatrics, Hadassah Medical Center, Jerusalem, Israel

143  Executive function in children with prenatal cocaine exposure at 12 and 15 years  
S. Minnes¹, M. O. Min¹, E. Short³, M. Wu¹, S. Yoon¹, L. Singer², ¹Applied Social Sciences, Case Western Reserve University, Cleveland, OH, ²School of Medicine, Case Western Reserve University, Cleveland, OH, ³Psychology, Case Western Reserve University, Cleveland, OH

144  Characterization of placental efflux transporters  
J. A. Paul, S. L. Patrikeeva, X. Wang, G. D. Hankins, T. N. Nanovskaya, M. S. Ahmed, Obstetrics and Gynecology, University of Texas Medical Branch, Galveston, TX

Symposium X  
(Sponsored by CPDD/APSAD)  
INDIGO E  
10:00 - 12:05 PM
SUBSTANCE USE: HEALTH AND SOCIAL EFFECTS IN OLDER DRUG USERS: WHAT WE KNOW AND WE DON’T

Chairs: Nicholas Lintzeris and Michelle R. Lofwall

11:20  Opioid use and health in older Australian women  
Lynne Parkinson, CQ University, Queensland, QLD, Australia

Oral Communications 9  
INDIGO D  
10:00 - 12:05 PM
MEMORY LANE: FROM IMPAIRMENT TO IMPROVEMENT

Chairs: Francesco Leri and Erin Cummins

10:35  Sex differences in associations between age of initiated cannabis use and neuropsychological performance  
N. A. Crane¹, R. M. Schuster¹, R. Gonzalez², ¹Department of Psychology, University of Illinois at Chicago, Chicago, IL, ²Department of Psychology, Florida International University, Miami, FL

Grant-Writing Workshop  
(PRE-REGISTRANTS ONLY)  
SAPPHIRE 410  
12:05 - 4:00 PM
ARE WE MISSING THE MARK WITH GENDER DIFFERENCES, WOMEN SUBSTANCE USERS, AND SOCIAL DETERMINANTS FOR HIV RISK? LESSONS FROM AROUND THE GLOBE

Chairs: Wendee Wechsberg and Steffanie Strathdee

Gender differences among couples using alcohol and drugs in disparate social settings in Cape Town, South Africa
   W Zule, RTI International, Durham, NC

Women IDUs in Georgia: Risk and stigma in seeking care and policy implications
   Irma Kirtadze, Alternative Georgia, Tbilisi, GA

Reconfiguring risk: Gender and injection drug-related HIV risk among female sex workers and their non-commercial partners along the Mexico-U.S. border
   Jennifer Syvertsen, University of California, San Francisco, La Jolla, CA

Discussant
   Hendree Jones, RTI, Durham, NC
Wednesday, June 19, 2013

Oral Communications 11

BREAKING THE CHAINS OF ADDICTION: CRIMINAL JUSTICE

Chairs: Douglas Marlowe and Thomas Moore

10:00 Gender differences in characteristics, service utilization and treatment outcomes of adult drug treatment court clients
D. Morse¹, S. Gamble¹, M. Ives¹, M. Mittal¹, M. T. Swogger¹, E. Wang², K. Conner¹,
¹Psychiatry, University of Rochester School of Medicine, Rochester, NY, ²Medicine, Yale University School of Medicine, New Haven, CT, ³Lighthouse Institute, Chestnut Health Systems, Inc., Normal, IL

10:45 Sex/gender differences and the impact of risk factors and psychosocial functioning on the time to re-arrest among offenders treated for substance use
Y. Yang, K. Knight, G. W. Joe, G. A. Rowan-Szal, W. E. Lehman, P. M. Flynn, Institute of Behavioral Research, Texas Christian University, Fort Worth, TX

Oral Communications 12

GETTING THE DRIFT ON GENETICS AND DRUGS OF ABUSE

Chairs: Elise Weerts and F. Gerard Moeller

10:30 Association of the A335G polymorphism with striatal dopamine D2/3 receptor availability in healthy men and women
E. Weerts, M. McCaul, H. Kuwabara, M. Stephens, X. Xu, D. Wong, G. S. Wand, Johns Hopkins University, Baltimore, MD

Poster Session III

(Lunch) 12:00 - 2:00 PM
Odd-numbered posters manned first hour;
Even-numbered, second hour

Set-up time begins Tuesday 1 PM
Must be removed by Wednesday 2 PM

EPIDEMIOLOGY II

1 DSM-V alcohol use disorder symptom profile in a representative sample of the largest metropolitan area in South America
J. M. Castaldelli-Maia¹, L. H. Andrade¹, C. M. Silveira¹, M. C. Viana¹, A. G. Andrade¹,
¹Department of Psychiatry, Universidade de São Paulo, São Paulo, Brazil

2 Testing for amphetamine-type stimulant (ATS) use to ascertain validity of self-reported ATS use among young female sex workers in Cambodia
V. Kab¹, E. Jennifer², S. Neth³, E. Stein², M. Claude-Couture², L. Maher⁴, K. Page², ¹University of California at Berkeley, Berkeley, CA, ²University of California at San Francisco, San Francisco, CA, ³Cambodia National Center for HIV, AIDS, Dermatology, and STDs, Phnom Penh, Cambodia, ⁴The Kirby Institute (formerly known as the National Centre in HIV Epidemiology and Clinical Research), Sydney, NSW, Australia
5 Transition from using opioids to methamphetamine among females: A report from a residential detoxification center
S. Mansoori¹, Z. Alam Mehrjerdi¹, A. Deylamizadeh², K. Dolan³, ¹Iranian National Center for Addiction Studies (INCAS), Tehran University of Medical Sciences, Tehran, Islamic Republic of Iran, ²Division of Research on Drug Use and Dependence, Rebirth Society (NGO), Tehran, Islamic Republic of Iran, ³Program of International Research and Training, National Drug and Alcohol Research Centre, University of New South Wales, Sydney, NSW, Australia
6 Opiate use and outpatient drug treatment are associated with lack of trust in point-of-care rapid tests
G. L. Reynolds, D. G. Fisher, K. L. Hess, J. Brocato, Center for Behavioral Research & Services, California State University, Long Beach, Long Beach, CA
9 Unanticipated consequences of non-drug-focused HIV prevention intervention: Changes in drug use
B. M. Booth, P. B. Wright, S. T. Ounpraseuth, K. E. Stewart, University of Arkansas for Medical Sciences, Little Rock, AR
10 Association of childhood sexual and other physical abuse with lifetime and prenatal drug use in urban African-American women
M. Puia Dumitrescu¹23, V. H. Accornero¹, L. Xue¹, J. M. McKenzie¹, J. C. Anthony⁴, E. S. Bandstra¹3, ¹Department of Pediatrics, University of Miami Miller School of Medicine, Miami, FL, ²Epidemiology & Public Health, University of Miami Miller School of Medicine, Miami, FL, ³Department of Pediatrics, Holtz Children’s Hospital UM/JMCC, Miami, FL, ⁴Epidemiology & Biostatistics, Michigan State University, East Lansing, MI

POLYDRUG ABUSE II
17 A brief measure assessing sexual risk behavior in women in substance abuse treatment
G. Thorens¹, M. Hu², M. Pavlicova², E. V. Nunes², A. Campbell², S. Tross², ¹Psychiatry, Geneva University Hospital, Geneva, Switzerland, ²Psychiatry, Columbia University Medical Center, New York, NY
19 Coping style and service utilization among African-American female drug users
D. Stevens-Watkins¹, C. B. Oser², C. Leukefeld², ¹Spalding University, Louisville, KY, ²Center on Drug and Alcohol Research, University of Kentucky, Lexington, KY
20 Adapting a women-centered intervention for injection drug users in the Republic of Georgia
H. Jones¹, I. Kirtadze², D. Otiashvili²3, K. E. O’Grady⁴, W. Zule¹, E. Krupitsky⁵, W. M. Wechsberg¹, ¹SATEI, RTI International, RTP, NC, ²Addiction Research Center, Alternative Georgia, Tbilisi, Georgia, ³Department of Addictology, First Faculty of Medicine, Prague, Czech Republic, ⁴Psychology, U of Maryland, College Park, MD, ⁵Bekhterev Research Psychoneurological Institute, St. Petersburg, Russian Federation
21 The Women’s Recovery Group: Outcomes from a Stage II trial
S. F. Greenfield¹2, D. Sugarman¹², J. Kaufman¹, G. L. Bailey¹³⁴, M. Crisafulli¹, C. Freid¹², H. Connery¹², J. Rodolico¹², S. Wigderson¹, M. Rapoza³, G. Fitzmaurice¹², ¹McLean Hospital, Belmont, MA, ²Harvard Medical School, Cambridge, MA, ³Stanley Street Treatment and Resources, Fall River, MA, ⁴Brown University, Providence, RI
22 Toward quantifying the benefits of sustained addiction recovery: Findings from a national pilot survey
T. Hill², A. B. Laudet¹, ¹Center for the Study of Addictions and Recovery, NDRI, New York City, NY, ²Faces and Voices of Recovery, Washington, DC
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
<th>Affiliations</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>Validation of the GAIN Self-Help Involvement Scale using the Rasch Measurement Model</td>
<td>K. M. Conrad, K. J. Conrad, L. Passetti, R. R. Funk, M. L. Dennis</td>
<td>Program Metrics, Oak Park, IL, University of Illinois at Chicago, Chicago, IL, Chestnut Health Systems, Normal, IL</td>
</tr>
<tr>
<td>63</td>
<td>DSM-5 criteria for gambling disorders and its effects on the association with other psychiatric disorders</td>
<td>J. Santaella, M. Cerdá, J. H. Kim, S. S. Martins</td>
<td>Epidemiology, Columbia University, New York, NY</td>
</tr>
<tr>
<td>64</td>
<td>Gender as a predictor of past treatment in dual-diagnosed patients presenting for detoxification</td>
<td>A. Harrington, G. Gonzalez</td>
<td>Psychiatry, University of Massachusetts, Worcester, MA</td>
</tr>
<tr>
<td>66</td>
<td>Maternal mental health and children’s internalizing and externalizing behaviors: Beyond mother’s substance use disorder</td>
<td>Y. Hser, I. Lanza, L. Li, E. Kahn</td>
<td>Integrated Substance Abuse Programs (ISAP), University of California Los Angeles, Los Angeles, CA</td>
</tr>
<tr>
<td>67</td>
<td>Specific maternal substance use behaviors linked to child co-occurring externalizing and internalizing symptoms</td>
<td>H. Lanza, Y. Hser, N. Glick</td>
<td>Semel Institute for Neuroscience and Human Behavior, UCLA, Los Angeles, CA</td>
</tr>
<tr>
<td>85</td>
<td>Subjective and reinforcing effects of modafinil in rats</td>
<td>D. J. Heal, N. W. Buckley, J. Gosden</td>
<td>RenaSci Ltd, Nottingham, United Kingdom, Shire Pharmaceutical Development Ltd, Basingstoke, United Kingdom</td>
</tr>
<tr>
<td>89</td>
<td>Cocaine-seeking is dose dependently enhanced by HIV-1 Tat protein expression in male and female mice</td>
<td>J. J. Paris, A. N. Carey, J. P. McLaughlin</td>
<td>Pharmacology and Neuroscience, Torrey Pines Institute for Molecular Studies, Port Saint Lucie, FL, Psychology, Simmons College, Boston, MA</td>
</tr>
<tr>
<td>100</td>
<td>Tamper-resistant properties of Oxycodone DETERx: Intranasal administration and in vitro tampering studies</td>
<td>E. A. Kopecky, A. B. Fleming, R. K. Varanasi, S. P. Mayock, S. Saim</td>
<td>Collegium Pharmaceutical, Cumberland, RI</td>
</tr>
<tr>
<td>102</td>
<td>The role of parental smoking in adolescent impulsivity</td>
<td>A. Herrick, S. Thamotharan, M. S. Sferra, K. Lange, S. Fields</td>
<td>Psychology, Texas A&amp;M University, College Station, TX</td>
</tr>
<tr>
<td>103</td>
<td>Approach-bias and impulsivity among adolescent smokers and non-smokers: A bi-national study</td>
<td>H. Larsen, G. Kong, D. Becker, J. Cousijn, S. Krishnan-Sarin, R. Wiers</td>
<td>Psychology, ADAPT-Lab, University of Amsterdam, Amsterdam, Netherlands, Psychiatry, Yale University School of Medicine, New Haven, CT</td>
</tr>
</tbody>
</table>
A Web-based contingency management program with adolescent smokers in rural Appalachia
B. Reynolds1, J. Dallery2, W. W. Stoops1, M. Harris3, J. Weiser4, 1University of Kentucky, Lexington, KY, 2University of Florida, Gainesville, FL, 3Nationwide Children’s Hospital, Columbus, OH, 4University of Cincinnati, Cincinnati, OH

The association between ADHD and nicotine in a prospective sample of youth
K. Winters, S. Lee, A. Symmes, Psychiatry, University of Minnesota, Minneapolis, MN

The natural history of adolescent binge drinking: Findings from a 15-year prospective cohort study
L. Degenhardt1,2, C. O’Loughlin3, W. Swift1, H. Romaniuk3,5,6, J. Carlin5,6, C. Coffey3, W. Hall4, G. Patton3,5, 1NDARC, UNSW, Sydney, NSW, Australia, 2School of Population Health, University of Melbourne, Melbourne, VIC, Australia, 3Centre for Adolescent Health, MCRI, Melbourne, VIC, Australia, 4Centre for Clinical Research, University of Queensland, Brisbane, QLD, Australia, 5Department of Paediatrics, University of Melbourne, Melbourne, VIC, Australia, 6CEBU, MCRI, Melbourne, VIC, Australia

TREATMENT
Women and entry to residential detoxification treatment: Motivations and barriers
A. Noroozi1, Z. Alam Mehrjerdi2, A. Dehshahidi3, S. Moradi3, 1School of Advanced Medical Technologies (SAMT), Iranian National Center for Addiction Studies (INCAS), Tehran University of Medical Sciences, Tehran, Islamic Republic of Iran, 2Iranian National Center for Addiction Studies (INCAS), Tehran University of Medical Sciences, Tehran, Islamic Republic of Iran, 3Division of Research on Drug Use and Dependence, Rebirth Society (NGO), Tehran, Islamic Republic of Iran

Severity, frequency and variety of crime in heroin-dependent prisoners enrolled in a buprenorphine study
M. S. Gordon1, T. W. Kinlock1, R. P. Schwartz1, K. E. O’Grady2, 1Friends Research Institute, Baltimore, MD, 2Psychology, University of Maryland, College Park, MD

Brief screening for alcohol and drug problems among prisoners
M. Webster, C. Leukefeld, M. Staton-Tindall, J. L. Duvall, C. B. Oser, J. R. Havens, Center on Drug & Alcohol Research, University of Kentucky, Lexington, KY

Pre-custody HIV risks as a factor in the effectiveness of the Way Safe intervention
W. E. Lehman, G. A. Rowan-Szal, N. G. Bartholomew, G. Joe, K. Knight, Institute of Behavioral Research, Texas Christian University, Fort Worth, TX

Childhood abuse is associated with alcohol use outcomes after gender responsive treatment for women in prison
P. Saxena, N. P. Messina, Integrated Substance Abuse Programs, UCLA, Los Angeles, CA

The association between incarceration history and HIV-related drug risk behaviors
L. Hearn1, N. EnnisWhitehead1, M. Khan2, W. Latimer1, 1Clinical and Health Psychology, University of Florida, Gainesville, FL, 2Epidemiology, University of Florida, Gainesville, FL

Arrest for violent offenses in early adulthood: Predictions from prenatal and adolescent cocaine exposure
D. C. Vidot1,2, V. H. Accornero2, L. Xue2, J. C. Anthony3, E. S. Bandstra2, 1Epidemiology & Public Health, University of Miami Miller School of Medicine, Miami, FL, 2Pediatrics, University of Miami Miller School of Medicine, Miami, FL, 3Epidemiology & Biostatistics, Michigan State University, East Lansing, MI
Wednesday, June 19, 2013

145 Influences of harm reduction programs on HIV knowledge and risky behaviors among injection drug users in prisons in Taiwan
Y. Chang1,2, Y. Lan1, Y. Hser2, 1China Medical University, Taichung, Taiwan, 2UCLA Integrated Substance Abuse Programs, Los Angeles, CA

Oral Communications 13

DEPENDENT DEFENDERS: THE VETERANS’ STORY

Chairs: Philip T. Korthuis and Elizabeth J. Santa Ana

2:30 Missed opportunity for alcohol intervention among Army members returning from deployment
M. Larson1, B. Mohr1, N. R. Wooten2, R. Sayko Adams1, E. Merrick1, L. Lorenz1, T. V. Williams3, 1Institute for Behavioral Health Heller School, Brandeis University, Waltham, MA, 2College of Social Work, University of South Carolina, Columbia, SC, 3Defense Health Cost and Program Evaluation, TRICARE Management Activity Dept of Defense, Falls Church, VA

3:15 Gender differences in substance use treatment utilization the year prior to deployment in Army service members
N. R. Wooten1, B. A. Mohr2, L. M. Lundgren3, R. S. Adams2, E. Merrick4, D. D. Jeffery4, T. V. Williams2, M. Larson2, 1College of Social Work, University of South Carolina, Columbia, SC, 2Institute of Behavioral Health, Heller School, Brandeis University, Waltham, MA, 3School of Social Work, Boston University, Boston, MA, 4Health Affairs, TRICARE Management Activity, Defense Health Costs and Program Evaluation (DHCAPE), Department of Defense, Falls Church, VA

4:00 Whose post-traumatic stress affects drinking levels? Couple-dyad modeling of National Guard service members and their partners
S. Balan, C. van den Berk-Clark, M. Shroff, G. Widner, J. Scherrr, R. K. Price, Washington University School of Medicine, Saint Louis, MO

Dinner and Dancing

BADGES MUST BE WORN FOR ADMISSION

INDIGO BALLROOM
7:00 - 10:00 PM
Wednesday, June 20, 2013

Poster Session IV (Breakfast)
Odd-numbered posters manned first hour;
Even-numbered, second hour

Set-up time begins Wednesday 3 PM
Must be removed by Thursday 12 NOON

LITERATURE REVIEW
3 The role of gender in the association between child maltreatment and substance use behavior: A systematic review of longitudinal research from 1995 to 2011
A. Kristman-Valente, E. A. Wells, Social Work, University of Washington, Seattle, WA

OPIOIDS II—HUMAN STUDIES
39 Indicators of treatment success: Comparing urine drug screening outcomes with quality of life for buprenorphine patients
S. G. Mitchell1, J. Gryczynski1, C. P. Myers2, K. E. O’Grady3, R. P. Schwartz1, Y. K. Olsen4, J. H. Jaffe1, 2, 1Friends Research Institute, Baltimore, MD, 2Patrick Myers & Assoc, Baltimore, MD, 3Univ. of MD, College Park, MD, 4IBR REACH, Baltimore, MD

NICOTINE II
48 Correlates of lifetime cigarette use and dependence by mid-adulthood in a non-Western (Mauritian) sample
M. N. Sargeant, N. Gupta, C. A. Prescott, L. M. Yarnell, A. Raine, P. H. Venables, S. A. Mednick, S. E. Luczak, Psychology, University of Southern California, Los Angeles, CA

SEX DIFFERENCES
56 Nicotine, HPA axis hormones and mood states in women
N. Goletiani1, A. Siegel2, J. Hudson3, 1MIC, McLean Hospital, Belmont, MA, 2Internal Medicine, McLean Hospital, Belmont, MA, 3Psychiatry, McLean Hospital, Belmont, MA

57 Childhood stressors differentially affect age of first use and telescoping across women and men
L. Oberleitner, A. H. Weinberger, C. M. Mazure, S. A. McKee, Psychiatry, Yale University School of Medicine, New Haven, CT

58 Gender, problem-gambling severity, and the incidence of substance use disorders
C. E. Pilver, D. J. Libby, R. A. Hoff, M. N. Potenza, Yale School of Medicine, New Haven, CT

59 The influence of age and gender on the likelihood of endorsing cannabis use disorder criteria
M. Delforterie1, 2, H. Creemers1, 2, A. Agrawal3, M. Lynskey3, A. Huizink2, 1Child Development and Education, University of Amsterdam, Amsterdam, Netherlands, 2Developmental Psychology and the EMGO institute for Health and Care Research, VU University, Amsterdam, Netherlands, 3Psychiatry, Washington University School of Medicine, St. Louis, MO

60 Alcohol, moods, and male-female differences: A six-month daily process study using interactive voice response
V. Harder, L. Ayer, G. Rose, M. Naylor, J. Helzer, Psychiatry, University of Vermont, Burlington, VT

61 Sex modulates approach systems and impulsivity in substance dependence
R. I. Perry1, T. D. Krmpotich1, L. L. Thompson1, S. K. Mikulich-Gilbertson1, M. T. Banich2, 1University of Colorado Denver, Aurora, CO, 2University of Colorado Boulder, Boulder, CO
62 Contraception continuation among female exotic dancers seeking mobile reproductive health services concurrent with syringe exchange
C. E. Martin1, M. Terplan2, J. Han3, P. Chaulk4, C. Serio-Chapman1, 1Johns Hopkins Schools of Medicine and Public Health, Baltimore, MD, 2Departments of Obstetrics, Gynecology, and Reproductive Sciences & Epidemiology and Public Health, University of Maryland School of Medicine, Baltimore, MD, 3Community Risk Reduction Services, Baltimore City Health Department, Baltimore, MD, 4Bureau of HIV/STD Services, Baltimore City Health Department, Baltimore, MD

63 Exploring gender differences among people who inject drugs in Australia: Findings from the 2012 Illicit Drug Reporting System
J. Stafford, L. Burns, National Drug and Alcohol Research Centre, Sydney, NSW, Australia

64 Gender differences in sexual abuse history and HIV prevention outcomes among treatment-seeking substance abusers
L. Skalski1, N. Gottfredson1, D. A. Calsyn2, A. Campbell3, M. Hatch-Maillette2, S. Tross3, C. S. Meade1, 1Duke University, Durham, NC, 2Alcohol & Drug Abuse Institute, University of Washington, Seattle, WA, 3Psychiatry, Columbia University, New York, NY

65 Gender differences in HIV risk and mental health among methamphetamine users
K. F. Corsi, C. Garver-Apgar, R. E. Booth, Psychiatry, University of Colorado Denver, Denver, CO

FEEDING AND BODY WEIGHT

66 Sugar dependence: Association with psychiatric disorders, gender and obesity
M. C. Rosa1, C. M. Gomes2, F. Kessler1, E. F. Ferreira3, F. Pechansky1, 1Center for Drug and Alcohol Research, Federal University of Rio Grande do Sul, Porto Alegre, Brazil, 2Federal University of Minas Gerais, Belo Horizonte, Brazil

71 Effects of gender and weight on errors of omission during an inattention task
S. Fields, K. Lange, M. S. Sferra, S. Thamotharan, A. Herrick, Texas A&M University, College Station, TX

73 Body mass index (BMI) and obesity prevalence among substance abuse participants from NIDA’s Clinical Trials Network
A. Matthews1, L. Hu1, L. Lu1, P. VanVeldhuisen1, B. Tai2, N. Volkow2, 1The EMMES Corporation, Rockville, MD, 2National Institute on Drug Abuse, Bethesda, MD

74 Eating high fat chow increases sensitivity of female rats to indirect-acting but not direct-acting dopamine receptor agonists
K. M. Serafine1, T. A. Bentley1, A. E. Grenier1, C. P. France1,2, 1Pharmacology, University of Texas Health Science Center at San Antonio, San Antonio, TX, 2Psychiatry, University of Texas Health Science Center at San Antonio, San Antonio, TX

STIMULANTS II—HUMAN STUDIES

86 Challenges to recruitment of cocaine-using women for a medication development trial
D. Metzger, C. P. O’Brien, C. Dackis, G. E. Woody, S. Chhatre, University of Pennsylvania, Philadelphia, PA

87 Mediators of response to sertraline vs. placebo among recently abstinent, cocaine-dependent patients
A. Oliveto1, J. Thostenson1, T. R. Kosten2, M. Mancino1, 1UAMS, Little Rock, AR, 2Baylor College of Medicine, Houston, TX
Thursday, June 20, 2013

IMAGING

99  Hypoactive BOLD response to general emotional stimuli among cocaine-dependent women
M. Canterberry, W. DeVries, K. T. Brady, C. A. Hanlon, Medical University of South Carolina,
Charleston, SC

113  The effect of tobacco use on brain phosphocreatine levels in female methamphetamine users
Y. Sung1, D. Yurgelun-Todd1,2,3, D. Kondo1,2, X. Shi1, K. Lundberg1, T. Hellem1, R. Huber1,
E. McGlade1,2, E. Jeong1, P. Renshaw1,2,3, 1University of Utah, SLC, UT, 2VISN 19 MIRECC,
SLC, UT, 3USTAR, SLC, UT

115  Sex differences in functional connectivity during smoking cue exposure
T. R. Franklin, R. Wetherill, K. Jagannathan, J. Shin, C. P. O’Brien, A. R. Childress,
Psychiatry, University of Pennsylvania, Phila, PA

CANNABINOIDS

133  Treatment outcomes for MJ dependence among adolescents attending an urban intensive
outpatient treatment program
A. Estreet, K. Rai, M. Fishman, Adolescent Outpatient Services, Mountain Manor Treatment
Center, Baltimore, MD

Oral Communications 15

INDIGO D

9:30 - 11:35 AM

TEENAGE WASTELAND:
ADOLESCENT PRESCRIPTION DRUG ABUSE

Chairs: Carol J. Boyd and Robert M. Weiler

10:20  Medical use, medical misuse, and diversion of opioids among adolescents involved in organized sport
for Research on Women & Gender, University of Michigan, Ann Arbor, MI

11:20  Association between nonmedical use of prescription drugs and suicidality among adolescents
K. J. Zullig1, R. M. Weiler2, J. D. Haddox3, A. L. Divin4, L. N. Pealer5, T. E. Barnett5, 1Soc. &
Beh. Sci., West Virginia University, Morgantown, WV, 2Hlth. Educ. & Beh., University of
Florida, Gainesville, FL, 3Hlth. Policy, Purdue Pharma L.P., Stamford, CT, 4Hlth. Sci., Western
Illinois University, Macomb, IL, 5Beh. Sci. & Comm. Hlth., University of Florida,
Gainesville, FL

Oral Communications 16

INDIGO H

9:30 - 11:35 AM

THE LOWS OF OPIATE HIGHS:
RISKS OF DEPENDENCE AND OVERDOSE

Chairs: Howard Chilcoat and Alexander Y. Walley

10:50  Prescription opioid use and risk of cardiovascular disease among older adults from a
community sample
Y. Khodneva, P. Muntner, S. Kertesz, M. M. Safford, University of Alabama Birmingham,
Birmingham, AL
Thursday, June 20, 2013

Brunch with Champions
(PRE-REGISTRANTS ONLY)
AQUA 310
11:45 - 1:00 PM

Oral Communications 17
INDIGO A
1:00 - 3:05 PM

POLYDRUG ABUSE: INCIDENCE AND CONSEQUENCE

Chairs: Jermaine D. Jones and Margaret Haney

1:20 Non-opioid substance use among opioid-dependent patients enrolling in opioid treatment programs: A latent class analysis
A. Rosenblum1, C. Fong1, C. Cleland2, 1ITSR, NDRI, New York, NY, 2College of Nursing, NYU, New York, NY

Oral Communications 18
INDIGO E
1:00 - 3:05 PM

GLOBAL CURRENCIES: SEX, DRUGS, AND MONEY

Chairs: William Shoptaw and Kathleen T. Brady

1:05 Transactional sex among an emergency department sample: Exploring gender, substance abuse and HIV risk
R. Patton1,2, F. C. Blow2, A. S. Bohnert2, E. E. Bonar2, K. L. Barry2, M. A. Walton2, 1Substance Abuse Research Center, University of Michigan, Ann Arbor, MI, 2Department of Psychiatry, University of Michigan, Ann Arbor, MI

1:20 Drug use among patients at public clinics treating sexually transmitted infections (STI)
L. Haynes1, K. T. Brady1, D. J. Feaster2, L. R. Metsch2, 1Medical University of South Carolina, Charleston, SC, 2Miller School of Medicine, University of Miami, Miami, FL

1:35 Women who trade sex for drugs only as a high-risk subgroup of sex workers: An exploratory analysis
E. M. Dunne, M. Khan, W. Latimer, Clinical and Health Psychology, University of Florida, Gainesville, FL

1:50 Changes in substance use and sexual risk over time among black MSM and black MSMW in 6 U.S. cities
T. V. Penniman1, R. Regan3, L. Wang3, S. Ou4, S. Shoptaw2, 1Epidemiology, University of Florida, Gainesville, FL, 2Family Medicine, UCLA, Los Angeles, CA, 3Statistical Center for HIV/AIDS Research & Prevention, Seattle, WA

2:05 Hazardous drinking and HIV risk-related behavior among male clients of female sex workers in Tijuana, Mexico
D. Goodman-Meza, E. V. Ptpitan, S. Strathdee, S. J. Semple, K. D. Wagner, C. Chavarin, T. L. Patterson, University of California San Diego, San Diego, CA

2:35 Increased condom use with psychological abuse among drug-abusing women in Tehran
J. E. Korte1, E. Merghati-Khoei2, S. Rimaz2, K. T. Brady1,3, 1Medical University of South Carolina, Charleston, SC, 2Tehran University of Medical Sciences, Tehran, Islamic Republic of Iran, 3Ralph H. Johnson VA Medical Center, Charleston, SC

2:50 Substance use and sexual behavior among women in Prague
S. M. Stemmler1, T. M. Hall1, P. Prokopik2, S. Shoptaw1, 1UCLA, Los Angeles, CA, 2Charles University, Prague, Czech Republic
Thursday, June 20, 2013

Oral Communications 19

FIGHTING THE TWO-HEADED MONSTER: COMORBIDITY

Chairs: Teresa Franklin and Kelly Young-Wolff

1:05  Trauma-informed treatment decreases PTSD among women offenders
N. P. Messina¹, S. Calhoun¹,², J. Braithwaite², ¹UCLA Integrated Substance Abuse Programs, Los Angeles, CA, ²Department of Criminology, Law and Society, University of California, Irvine, Irvine, CA

1:20  Substances viewed through the lens of trauma: Substance expectancies in women with PTSD/SUD
J. Utley¹,², L. Najavits¹,², N. Capezza³, ¹Boston University, Boston, MA, ²VA, Boston, MA, ³University of Massachusetts, Worcester, MA

1:35  Substance use and PTSD among smokers with serious mental illness
K. C. Young-Wolff⁴, S. Fromont⁴, K. Delucchi², S. Hall², S. Hall², J. Prochaska¹, ¹Stanford University, Stanford, CA, ²University of California, San Francisco, San Francisco, CA

2:35  Synthesizing outcomes of evidence-based practices in a multi-site clinical trial for women with trauma and addictions
D. A. Hien¹,², A. Campbell², G. Miele³, ¹Psychology, City University of NY, New York, NY, ²Psychiatry, Columbia University College of Physicians and Surgeons, New York, NY

2:50  SMART Recovery®: An effective group method for co-occurring conditions in community treatment
P. Penn¹, A. J. Brooks³, S. M. Gallagher², D. Brooke¹, ¹Research, La Frontera Arizona, Tucson, AZ, ²Psychology, Veterans Administration, Tucson, AZ, ³Psychology, University of Arizona, Tucson, AZ

Oral Communications 20

NEW HORIZONS IN STIMULANT PHARMACOTHERAPY DEVELOPMENT

Chairs: Leonard Howell and Stephen Kohut

2:50  Effects of orexin receptor antagonism on methamphetamine-seeking in male and female adolescent and adult rats
N. Zlebnik, N. Holtz, M. E. Carroll, Psychiatry, University of MN, Minneapolis, MN

SWEEPSTAKES DRAWING

YOU MUST BE SEATED IN ONE OF THE SESSIONS STARTING AT 1:00 PM IN ORDER TO HAVE YOUR BADGE COLLECTED
Women and Sex/Gender Differences Funding Opportunity Announcements

- PA-11-047/048/049: Women and Sex/Gender Differences in Drug and Alcohol Abuse/Dependence

- 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

- PAR-13-18: Drug Abuse Dissertation Research: Epidemiology, Prevention, Treatment, Services, and/or Women and Sex/Gender Differences (R36)

- 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 2014

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 2014 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 2014 annual meeting in San Juan, Puerto Rico, June 14-19, 2014.

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 be first author on the CPDD abstract.
• 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 2013 Women & Sex/Gender Junior Investigator Travel Award Application
  • Attach a copy of the abstract that you submitted to CPDD, including title and authors.
  • Attach your curriculum vitae (list all NIH grant support if applicable). 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.

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; cwetheri@nida.nih.gov

36
HAVE A SAFE TRIP HOME!

See You Next Year at CPDD
in
San Juan, PR

June 14-19, 2014