

Scientific Program for Friday 30 October 2009

7:30 AM–5:00 PM REGISTRATION

8:00 AM–9:00 AM CONTINENTAL BREAKFAST AND NETWORKING

8:00 AM–9:00 AM IN FOCUS
UNIQUE TRAJECTORIES OF TOBACCO USE BEHAVIOR AMONG
HISPANICS (Salon 1)

PRESENTERS **Lourdes Baezconde-Garbanati, Ph.D., M.P.H.**
University of Southern California

Jennifer Unger, Ph.D.
Claremont Graduate University

Alinne Barrera, Ph.D.
Palo Alto University

DESCRIPTION It is becoming increasingly evident that different populations initiate tobacco use, develop nicotine dependence, and cease tobacco use along different trajectories. Indeed, several studies indicate that the timing and predictors of such tobacco use behavior vary by race/ethnicity. However, current data do not present a consistent, clear picture as to the role that Hispanic ethnicity plays in tobacco use behavior. In this breakout session, we will examine such trajectories as they relate to Hispanic tobacco users, including differential risks for tobacco dependence, age of onset of dependence, and cessation behavior/intervention techniques. Dr. Jennifer Unger will present on the effects of parent-child acculturation patterns and tobacco use, finding both protective and increased risk effects. Dr. Alinne Barerra will examine the use of the Internet as a far-reaching cessation intervention among Spanish- and English-speaking smokers around the world, and how it compares to other cessation methods used by Hispanic smokers. Since these areas of research still have more questions than answers, Dr. Lourdes Baezconde-Garbanati will moderate an interactive discussion following the presentations to summarize research gaps and identify future directions in this area.

9:00 AM–9:45 AM PLENARY SESSION (Salon)

PRESENTERS **Rafael Maldonado, M.D., Ph.D.**
Universitat Pompeu Fabra, Spain
“New Advances in the Neurobiological Mechanisms Underlying Nicotine Addiction”

9:00 AM–9:45 AM PLENARY SESSION (CONT.)

DESCRIPTION The endogenous opioid system plays an important role in the behavioral effects of nicotine. Thus, μ -opioid receptor and the endogenous opioids derived from proenkephalin are involved in the central effects of nicotine. However, the role played by the different endogenous opioid peptides in the acute and chronic effects of nicotine remains to be fully established. Our studies have examined the rewarding properties of nicotine by using the conditioned place-preference paradigm in mice lacking β -endorphin. Mice chronically treated with nicotine received mecamylamine to study the behavioral expression of nicotine withdrawal. Mice lacking β -endorphin exhibited a spontaneous hypoalgesia and hyperlocomotion and a reduction on the anxiogenic and rewarding effects induced by nicotine. Nicotine induced similar antinociception and hypolocomotion in both genotypes and no differences were found in the development of physical dependence. The dissociation between nicotine rewarding properties and physical dependence suggests a differential implication of β -endorphin in these addictive related responses.

9:45 AM–10:15 AM QUESTIONS AND ANSWERS FOR THIS SESSION

10:15 AM–10:45 AM BREAK

10:45 AM–11:45 AM INTERVENTIONS FOR THE TREATMENT OF TOBACCO AND SUBSTANCE ABUSE DISORDERS (Salon)

CO-CHAIRS **Carlos Blanco, M.D., Ph.D.**
Columbia University

Lourdes Baezconde-Garbanati, Ph.D., M.P.H.
University of Southern California

PRESENTERS **Adam Bisaga, M.D.**
Columbia University
“Use of Medications in the Treatment of Addictions: Beyond Disulfiram, Methadone and Nicotine Patch”

Carl Lejuez, Ph.D.
University of Maryland
“Cognitive and Behavioral Therapies for Addictions: Something Old, Something New, Something Borrowed, and Something Deep Blue”

Edward V. Nuñez, M.D.
Columbia University
“Integrating Psychosocial Interventions with Medications in the Treatment of Substance Dependence”

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10:45 AM–11:45 AM INTERVENTIONS FOR THE TREATMENT OF TOBACCO AND SUBSTANCE ABUSE DISORDERS (CONT.)

DESCRIPTION Dr. Bisaga will review the medications with proven efficacy in the treatment of substance use disorders (e.g., buprenorphine, naltrexone, varenicline) and talk briefly about promising pharmacotherapies for cannabis and cocaine. Dr. Lejuez will summarize the status of the field regarding cognitive-behavioral treatments and motivational interviewing, and discuss some new developments, such as computer-delivered psychotherapy and his work on behavioral activation therapy. Dr. Nuñez will focus on the need to integrate psychotherapy and medication and the differences between combined treatment and sequential treatment.

11:45 AM–12:15 PM QUESTIONS AND ANSWERS FOR THIS SESSION

12:15 PM–1:45 PM NATIONAL NETWORK MEMBERSHIP MEETING (Salon)

CHAIR **Patricia E. Molina, M.D., Ph.D.**
Vice-Chair, NHSN
Chair, Membership Subcommittee
Louisiana State University Health Sciences Center

1:45 PM–2:00 PM BREAK

2:00 PM–2:45 PM PLENARY PRESENTATION (Salon)

PRESENTER **A. Thomas McLellan, Ph.D.**
Office of National Drug Control Policy
 “National Demand Reduction Priorities - Implications for the Nation and the Community”

DESCRIPTION Substance abuse takes a terrible toll on the public health, public safety and financial resources of the United States. For too long, supply reduction efforts have been unfairly asked to control “America’s insatiable demand for drugs.” With the change in presidential administrations has come a renewed emphasis upon demand reduction efforts - prevention, early intervention, treatment, recovery support and local law enforcement. To achieve an evidence-based demand reduction strategy ONDCP, in concert with 34 Federal departments and 155 senior agency staff have determined five national demand reduction priorities for government action to solve drug-related health and social problems. Dr. McLellan will discuss these five areas:

1. Create a national, community-based prevention system. Synchronize and simplify government application, funding, and reporting processes for prevention services.
2. Equip primary healthcare to identify, intervene and treat substance use and its complications. Expand SBIRT and prescription monitoring programs.
3. Close the addiction treatment gap - triple the number of patients in treatment. Develop performance contracting and voucher-based recovery services to improve quality.

2:00 PM–2:45 PM PLENARY PRESENTATION (CONT.)

4. Develop effective, safe partnerships between treatment and the justice system to address drug-related offenders in community settings. Develop new and innovative models.
5. Create a real-time performance measurement “dashboard” that will alert communities to new drug and drug-related problems; and will serve as an ongoing report card on the effects of new policies and practices at the community level.

2:45 PM–3:15 PM QUESTIONS AND ANSWERS FOR THIS SESSION

3:15 PM–3:30 PM BREAK

3:30 PM–5:15 PM NEW INVESTIGATORS IN DRUG ABUSE RESEARCH (Salon)

CO-CHAIRS **David Córdoba, Jr., M.A.**
Michigan State University

Mildred Maldonado-Molina, Ph.D.
University of Florida

Laura O’Dell, Ph.D.
University of Texas El Paso

Victoria Ojeda, Ph.D.
University of California, San Diego

Liliane Windsor, Ph.D., M.S.W.
Rutgers University

PRESENTER **Oscar Torres, B.S.**
University of Texas El Paso
“Nicotine Withdrawal is Diminished During Adolescence in Female and Male Rats”

Nalini Negi, Ph.D.
University of Maryland
“La Vida en la Esquina: A Mixed-Methods Study of the Well-Being and Substance Use of Latino Day Laborers”

Javier González-Riera, M.F.T., M.A.S.
University of Granada, Spain
“Stereotypes, Prejudices and Fears in Cultural Minorities with Addiction Problems to Arrive to Treatment Centers for Drug Dependences”



3:30 PM–5:15 PM NEW INVESTIGATORS IN DRUG ABUSE RESEARCH (CONT.)

Alberto Caban-Martinez, M.P.H.

University of Miami Leonard M. Miller School of Medicine

“Psychological Distress, Alcohol Abuse and Smoking among Adults with Arthritis”

Ian Mendez, M.A.

Texas A&M University

“The Roles of Nicotinic and Muscarinic Cholinergic Receptors in Risky and Impulsive Decision-Making”

Monica Bermudez-Parsai, Ph.D.

Arizona State University

“Using Community Based Participatory Research to Develop a Parent Intervention to Prevent Adolescent Substance Use and Risky Sexual Behaviors”

5:15 PM–5:45 PM QUESTIONS AND ANSWERS FOR THIS SESSION

5:45 PM–8:00 PM POSTER SESSION AND RECEPTION

8:30 PM GRADUATE STUDENT AND EARLY CAREER SOCIAL EVENT

Monty’s Seafood Restaurant (ground level, by the marina)

2550 S. Bayshore Drive

Coconut Grove, FL 33133-4743

DESCRIPTION The NHSN Conference Planning Committee, along with the Early Career Leadership Committee, would like to invite all of the graduate students and early career members for an informal get-together. It will give us all a chance to “meet and greet” informally. Please try and join us!