NATIONAL HISPANIC SCIENCE NETWORK ON DRUG ABUSE

Eighth Annual Conference

Community, Behavioral and Molecular Sciences in Addictive Disorders

1–3 October 2008 * Hyatt Regency Bethesda * Bethesda, Maryland

Mission Statement
The National Hispanic Science Network on Drug Abuse is dedicated to improving the health of Hispanics by increasing the amount and quality of interdisciplinary translational research on drug abuse, and fostering the development of Hispanic scientists in drug abuse research.

National Steering Committee

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University of Miami Miller School of Medicine

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Professor
Department of Family Medicine
David Geffen School of Medicine
University of California, Los Angeles

Community, Behavioral And Molecular Sciences In Addictive Disorders
Scientific Program for Wednesday 1 October 2008

7:30 AM–5:00 PM  REGISTRATION—HAVERFORD FOYER

8:00 AM–8:30 AM  CONTINENTAL BREAKFAST & NETWORKING—HAVERFORD FOYER

8:30 AM–9:00 AM  WELCOME—HAVERFORD FOYER/BACCARAT

WELCOMING REMARKS
Patricia E. Molina, M.D., Ph.D.
Vice-Chair, NHSN
Louisiana State University Health Sciences Center

William A. Vega, Ph.D.
2008 NHSN Conference Chair
University of California, Los Angeles

Antonio Cepeda-Benito, Ph.D.
Conference Co-Chair & International Chair
Texas A&M University

Lula Beatty, Ph.D.
Chief, Special Populations Office
Office of the Director, National Institute on Drug Abuse

Rebecca Kameny, Ph.D.
The 3-C Institute for Social Development
Discussion on the collaboration with NHSN

9:00 AM–10:30 AM  OBESITY AND ADDICTION—HAVERFORD/BACCARAT

CHAIR
Joni Rutter, Ph.D.
National Institute on Drug Abuse

CO-CHAIRS
Antonio Cepeda-Benito, Ph.D.
Texas A&M University

William A. Vega, Ph.D.
University of California, Los Angeles

PRESENTERS
Luis de Lecea, Ph.D.
Stanford University Medical Center
“Brain Connection: Obesity and Addiction”

Roger McIntyre, M.D., FRCPC
University of Toronto Psychopharmacology Unit, University Health Network
“Substance Use Disorders And Overweight/Obesity In Bipolar I Disorder: Preliminary Evidence For Competing Addictions”

Simón Barquera, M.D., M.S., Ph.D.
Instituto Nacional de Salud Pública (National Institute of Public Health)—Mexico
“Diabetes and Alcohol Use among Mexican Vulnerable Groups”
DESCRIPTION

Brain circuitry involved in natural rewards to motivate behavior overlaps with the neural circuitry invoked by addictive drugs to reinforce drug taking. How much the circuits overlap, and to what extent, remains to be determined. Nonetheless, these brain circuits are powerful parts of normal adaptive processes that, when challenged with equally powerful reinforcers (such as drugs of abuse and food), can culminate in loss of control and subsequent addiction or obesity, respectively. Addiction and obesity are multifactorial disorders, with as much as 40-70% of the vulnerability attributed to genetic differences, indicating a strong biological component. Understanding the biological underpinnings of how these and other psychiatric co-morbidities (such as bipolar disorder) map onto these neural circuits may give insight into more effective treatment and prevention approaches for these disorders. This symposium will examine the links between obesity and addiction from the basic biological, the epidemiologic, and the treatment perspective, with the hope of leveraging the science from one disorder to inform the other.

10:30 AM–10:45 AM  BREAK

10:45 AM–11:45 AM  RESEARCH PRIORITIES AND FUNDING OPPORTUNITIES AT NIDA (BREAKOUT SESSIONS)
— HAVERFORD/BACCARAT

CO-CHAIRS
Ana Anders, L.I.C.S.W.
Office for Special Populations, National Institute on Drug Abuse

Iván Montoya, M.D., M.P.H.
Pharmacotherapies and Medical Consequences of Drug Abuse, National Institute on Drug Abuse

Yonette F. Thomas, Ph.D.
Division of Epidemiology, Services, and Prevention Research, National Institute on Drug Abuse

PRESENTERS
Joe Frascella, Ph.D.
Clinical Neurosciences (Congressional Room)

Steve Gust, Ph.D.
International (Cabinet Suite)

Jag Khalsa, Ph.D.
Jacques Normand, Ph.D.
Infections (Old Georgetown Room)

Iván Montoya, M.D., M.P.H.
Pharmacotherapies (Haverford/Baccarat)

Lisa Onken, Ph.D.
Behavioral Therapies (Susquehanna/Severn Suite)

Liz Robertson, Ph.D.
Prevention (Executive Boardroom)

Joni Rutter, Ph.D.
Genetics (Judiciary Suite)

Yonette F. Thomas, Ph.D.
Epidemiology (Haverford/Baccarat)

DESCRIPTION
The purpose of this session is to provide a forum for the meeting participants to convene in small groups with Program staff representing different research areas of NIDA. The goal is to discuss the current lines of research and priorities in specific areas of research, explore potential program relevance of research initiatives of interest of participants, and provide direction about the most pertinent funding mechanisms for potential research proposals. The small group approach will allow a more intimate and in-depth discussion of the research topics of interest, learn from each other’s experiences, and have opportunities for networking and develop research collaborations with others who have similar research interests. Session participants can greatly benefit from the deep knowledge of the current science and research directions that NIDA program...
RESEARCH PRIORITIES AND FUNDING OPPORTUNITIES AT NIDA (CONT.)

officials can offer. It is expected that at the end of the session, participants will be able to have a better understanding of the priorities of NIDA in their areas of research interest as well as the most appropriate opportunities and mechanisms that can be used to apply for funding at NIDA.

11:45 AM–12:15 PM
BREAK

12:15 PM–1:45 PM
MENTORING LUNCHEON (BREAKOUT SESSIONS)

SESSION ONE
Mentoring Basic Scientists  (Judiciary Suite)

MENTORS
Eddie Castañeda, Ph.D.  Keith A. Trujillo, Ph.D.
University of Texas, El Paso  California State University, San Marcos
Joe L. Martinez, Jr., Ph.D.  Patricia E. Molina, M.D., Ph.D.
University of Texas, San Antonio  Louisiana State University Health Sciences Center

DESCRIPTION
This Mentoring Lunch breakout examines mentoring issues in the basic sciences! There are a number of topics from which we will choose to generate constructive discussions, ranging from those specific to basic science, to those more general in nature. What is mentoring? What are mentoring issues specific to the basic sciences? Exactly what are the responsibilities of a mentor? Is mentorship defined by the charge with official responsibility for the work of junior scientists or students? Are there responsibilities outside professional guidance; is personal guidance relevant to effective mentoring? What traits should you seek in finding or being a mentor? How does one define specific goals and measures of accomplishment? As a student (or as a more advanced scientist) how do you get the mentoring you need? What do you do when the relationship is not working out? How do you approach issues related to gender and cultural differences? You should feel welcome to bring other specific questions that can be used for creative discussion.

SESSION TWO
Developing A Career In Clinical Research  (Cabinet Suite)

MENTOR
Iván D. Montoya, M.D., M.P.H.
National Institute on Drug Abuse

DESCRIPTION
Clinical or patient-oriented research is the medical research conducted with human subjects for which an investigator directly interacts with human subjects. Recent scientific advances are promoting rapid transition from basic to clinical research. Clinical researchers play a critical role in bringing laboratory observations into the clinical settings. This new research paradigm requires an interdisciplinary team approach, with well-trained clinical researchers as integral team members and leaders. An increasing shortage of trained clinical researchers has been widely recognized and documented. The purpose of this session is to discuss the challenges and opportunities in the development of a career in clinical research and to present the efforts and funding opportunities at NIH and NIDA to stimulate clinical research training and career development opportunities.
SESSION THREE  
Funding Mechanisms For Junior Investigators  
(Old Georgetown Room)

MENTOR  
Mimi M. Ghim, Ph.D.  
Office of Science Policy and Communications  
National Institute on Drug Abuse

DESCRIPTION  
NIDA supports a variety of programs designed to attract and develop new and junior investigators in the fields of drug abuse, addiction, and AIDS research. This breakout will provide an overview of these research training and career development programs, which range from NRSA awards for predoctoral and postdoctoral candidates, to mentored career development and research grant awards for newly independent investigators. The process of applying for a training or career development grant at NIDA will also be discussed. In particular, the role of NIDA’s research training committee, program officials, and scientific review officials will be defined. Additional resources to assist with funding and career development will also be shared.

SESSION FOUR  
The 5 “P”s Of Publishing: Demystifying Publishing For Early Career Scholars  
(Susquehanna/Severn Suite)

MENTOR  
Liliane Windsor, Ph.D.  
Rutgers: The State University of New Jersey

DESCRIPTION  
This presentation argues that doctoral students are valuable resources for publishing and contributing to the important task of building bodies of knowledge. Early career scholars are encouraged to collaborate with graduate students in publishing articles. Guidelines for successful publishing are provided, including information on developing collaborations, identifying publishers, various types of writing within academia, and discussion on obstacles students encounter.

1:45 PM–2:00 PM  
BREAK

2:00 PM–3:30 PM  
AFTERNOON BREAKOUT SESSIONS

SESSION ONE  
Alcohol Related Breakout  
(Congressional Room)

"Prevalence, incidence, comorbidity and clinical presentation of alcohol use disorders (AUDs) among Hispanics: Findings from the National Epidemiologic Survey on Alcohol and Related Conditions (NESARC) and the Hispanic American Baseline Alcohol Survey (HABLAS)"

PRESENTERS  
Deborah A. Dawson, Ph.D.  
Sharon M. Smith, Ph.D.  
Bridget F. Grant, Ph.D.  
National Institute on Alcohol Abuse and Alcoholism  
National Institutes of Health

DESCRIPTION  
This presentation will briefly summarize the characteristics of Waves 1 and 2 of the NESARC. It will present prevalence and incidence rates for alcohol abuse and dependence, comparing Hispanics with other major race ethnic groups and making comparisons among different subgroups of Hispanics where possible. The presentation will also cover comorbidity of AUDs with major mood, anxiety and personality disorders, and examine Hispanic ethnicity in relation to the clinical presentation of AUDs, e.g., age at onset, consumption patterns etc. Finally, the presentation will touch briefly on the role of acculturation in AUDs among Hispanics.

PRESENTER  
Raul Caetano, M.D., Ph.D.  
Professor of Epidemiology, University of Texas School of Public Health  
Dean, Allied Health Sciences School, University of Texas Southwestern Medical Center

Community, Behavioral And Molecular Sciences In Addictive Disorders
**SESSION ONE (CONT.)**

**Alcohol Related Breakout (Congressional Room)**

**DESCRIPTION**
This presentation will complement the first by presenting data Hispanic patterns of alcohol use and associated problems by national origin group. The presentation will include findings based on recently collected data from the Hispanic American Baseline Alcohol Survey (HABLAS). This survey is an NIAAA funded national household population survey of Cuban American, Puerto Rican, Mexican American, Dominican/Central American, and South American Hispanics interviewed in selected geographical areas on the country.

Senior staff from the Alcohol Epidemiologic Data Systems (AEDS) will be present to introduce themselves and their role in providing technical assistance and support services to public users of the NIAAA-sponsored NESARC data set.

**SESSION TWO**

**Basic Science Data Breakout: Datablitz (Cabinet Suite)**

**PRESENTERS**

Eddie Castañeda, Ph.D.
*University of Texas, El Paso*

Keith A. Trujillo, Ph.D.
*California State University, San Marcos*

**DESCRIPTION**
This session will offer NHSN basic scientists the opportunity to share their latest findings with the NHSN community. NHSN members are making exciting discoveries in the basic sciences that expand our understanding of the brain, and of drug abuse and addiction. The goals of this session are to highlight the work of basic scientists who are members of NHSN, and to provide an opportunity for discussion with other scientists with similar interests. 8-10 presentations from NHSN scientists will be selected for a short presentation (up to 3 slides for a 5 minute presentation). In addition to the opportunity to share recent discoveries, it is hoped that exposure to the work of other NHSN basic scientists will facilitate the development of collaborations among NHSN members.

**SESSION THREE**

**Rethinking Immigration and Drug Use (Old Georgetown Room)**

**PRESENTERS**

Jorge A. Villatoro Velázquez, Ph.D.
*Mexican National Institute of Psychiatry*

Juan Carlos Valderrama-Zurián M.D., Ph.D.
*Consellería de Gobernación, Generalitat Valenciana*

William A. Vega, Ph.D.
*University of California, Los Angeles*

**DESCRIPTION**
More than any other social, political, or economic force, immigration continues to shape the face of the U.S. Immigration and its impact on people’s lives is particularly relevant to Hispanics because Mexico and Spanish-speaking Latin America have dominated U.S. immigration trends since the 1990s—the period of fastest immigration growth in our history. Noting that parallel phenomena are taking place in Spain, the favorite European country for Latin American immigrants, as well as in Mexico and other Latin American countries that receive immigrants from their neighboring countries, US-based and international scientists will explore the implications of current immigration and border issues in drug abuse research and international research collaboration. This breakout is presented by the NHSN’s International Subcommittee.
SESSION FOUR  

Item Banking and PROMIS: Advancing the Science of Patient-Reported Outcomes Assessment in Clinical Research  
(Susquehanna/Severn Suite)

PRESENTER  
Bryce Reeve, Ph.D.  
National Cancer Institute

DESCRIPTION  
The Patient-Reported Outcomes Measurement Information System (PROMIS) project is supported by a publicly-funded cooperative research group consisting of over 80 investigators from U.S. academic institutions and the National Institutes of Health (NIH). The overall goal for the development of the PROMIS is to provide researchers access to a set of precise, valid, and efficient measures of health-related quality of life (HRQOL) domains. This presentation will review the development of the PROMIS project, the advantages of item banks for use in research, the PROMIS assessment tools that are currently available for researchers, and the future of PROMIS and opportunities for collaboration. Researchers are encouraged to visit the PROMIS website for more information: http://www.NIHpromis.org.

3:25 PM–3:30 PM  
3C TO COLLECT PARTICIPANT SURVEYS

SESSION FIVE  

Research in a Global Context  
(Executive Boardroom)

PRESENTER  
Jorge Delva, Ph.D.  
University of Michigan

DESCRIPTION  
The purpose of this presentation is to discuss three principles that can help increase an investigator’s chances of successfully developing and implementing a funded research project in a global context. These principles are: (1) Projects should be innovative, build upon the most current scientific knowledge, and include a research capacity development component, (2) projects should be based on strong collaborative, multidisciplinary, partnerships, and (3) project implementation will be most seamless if the sociopolitical, economic, and cultural idiosyncrasies of the countries, collaborators, and study participants are respected and understood. These principles are discussed in the context of several international projects funded by NIH (e.g., NIDA, NICHD, NIAAA, NHLBI, FIC, & NCMHD).

SESSION SIX  

Translational Research and How to Accelerate it by Engaging Communities: Goals and Milestones of the NIH CTSA Consortium  
(Judiciary Suite)

CO-CHAIRS  
Betty Tai, Ph.D.  
National Institute on Drug Abuse

Sergio Aguilar-Gaxiola, M.D., Ph.D.  
University of California, Davis

PRESENTERS  
Donna Jo McCloskey, Ph.D.  
National Center for Research Resources  
“Overview of NIH’s Clinical Translational Science Awards (CTSA)"

Lloyd Michener, M.D.  
Duke University Medical Center  
“Integrating Practice and Community Programs to Improve Health”

Sergio Aguilar-Gaxiola, M.D., Ph.D.  
University of California, Davis  
“Engaging Communities as Partners to Reduce Health Disparities”
A national consortium of 38 medical research institutions, funded through Clinical and Translational Science Awards (CTSAs) by NIH is working together and shares a common vision to improve the way biomedical research is conducted across the country, reduce the time it takes for laboratory discoveries to become treatments for patients, train the next generation of clinical and translational researchers and reach out to and engage communities in clinical research efforts. While the overarching goal of this consortium is to speed the research process so that biomedical discoveries can be translated into clinical practice more quickly, an equally important and significant task is to engage communities in the research process. Community engagement is defined as a multilayered, long-term endeavor that requires academic institutions to think differently about research, and to learn how to build relationships and trust with their local communities. This break-out session will describe the NIH’s CTSA mission and its infrastructure and discuss CTSA’s efforts in engaging communities and community-based practices in accelerating the pace of translational research. Specifically, the invited speakers will provide information to set a platform for further discussion with breakout participants.

SESSION SEVEN

An Introduction to the NIH Intramural Program (Haverford/Baccarat)

CHAIR
Sharon Milgram, Ph.D.
Director, Office of Intramural Training and Education
National Institute on Drug Abuse

After a brief presentation, a panel of NIH scientists will answer questions about NIH training and research programs. This discussion will be relevant to faculty at domestic and international universities and students at all training levels.

3:30 PM–3:45 PM  BREAK

3:45 PM–5:45 PM  NATIONAL & INTERNATIONAL POSTER SESSION—CONCOURS TERRACE

CHAIR
Nelson José Tiburcio, Ph.D.
National Development and Research Institutes

CO-CHAIRS
Laura Elena O’Dell, Ph.D.
University of Texas, El Paso
Victoria Ojeda, Ph.D., M.P.H.
Division of International Health & Cross Cultural Medicine, UCSD School of Medicine

DESCRIPTION
The poster session will bring together national and international posters in one dynamic session, showcasing the work of NHSN members with the goal of creating linkages for both national and international collaboration.

5:45 PM–6:00 PM  BREAK
Blinded by Open Arms

Blinded by Open Arms is a documentary film that highlights the severe drug and gang problems facing Honduran youth and their families. The youth showcased in the film blame family disintegration as well as poor economic and social conditions as the source of their drug problems and gang related activities. The documentary has been accepted at numerous national and international film festivals, including the International Film Festival of England, the International Film Festival of South Africa, and the Artivist Film Festival. The 75 minute film will be followed by a 15 minute discussion led by Alexie Elfmont, the film’s director and producer, as well as by Guillermo Prado, Ph.D., 2008 NHSN Conference Co-Chair.
Scientific Program for Thursday 2 October 2008

7:30 AM – 5:00 PM  
REGISTRATION—HAVERFORD FOYER

8:00 AM – 8:30 AM  
CONTINENTAL BREAKFAST & NETWORKING—HAVERFORD FOYER

8:30 AM – 10:00 AM  
Drug Use Among Latino Youth in the Juvenile Justice System  
(Haverford/Baccarat)

CO-CHAIRS  
Hortensia Amaro, Ph.D.  
Northeastern University

Sergio Aguilar-Gaxiola, M.D., Ph.D.  
University of California, Davis

PRESENTERS  
Linda A. Teplin, Ph.D.  
Northwestern University  
“Substance Use and Other Psychiatric Disorders in Delinquent Youth: A Longitudinal Study”

Jorge A. Villatoro Velázquez, Ph.D.  
Mexican National Institute of Psychiatry  
“Patterns of Substance Abuse and Mental Health Disorders and Service Utilization among Mexican Youth with Juvenile Justice Involvement”

William Arroyo, M.D.  
Department of Mental Health County of Los Angeles  
“Best Promising Practices to Incarcerating Youth with Mental Illness and Substance Abuse Problems”

The Honorable Robert J. Totten  
Superior Court of California, County of Los Angeles  

DESCRIPTION  
An increasing number of Latino youth are now involved with the juvenile justice system. Many Latino juvenile detainees have alcohol, drug and other mental disorders. This panel will examine the changing illicit drug use patterns and mental health service needs of Latino high-risk youth in preventing youth with mental health/substance abuse conditions from entering the juvenile justice system, will discuss the implementation of evidence-based interventions aimed at decreasing use of illicit substances and will discuss processes that juvenile justice courts utilize when working with Latino youth who have substance use issues and their families.

10:00 AM – 10:15 AM  
BREAK—HAVERFORD FOYER
Previous studies have investigated the national and international etiology of drug markets and their relationship to drug use patterns, dependence, interventions, criminal justice (courts, incarceration) and security systems. Existing research in this area vary from the individual level (often street based) to more macro (national and international) level. This panel examines these issues as they relate to U.S. Hispanic populations. Dr. William K. Bickel’s presentation applies a behavioral and neuroeconomic model to better understand drug purchasing behaviors, temporal discounting and dependency. Neuroeconomics combines the discipline of neuroscience with economics and psychology to examine brain function in decision making and choice. Dr. Francisco A. Villarruel addresses the connection between enforcement of drug laws, disparities in sentencing and incarceration of Hispanics, and how this sustains the “drug market-prison connection.” U.S. - Mexico relations, drug trafficking and public security will be the focus of Dr. Jorge Chabat’s presentation. Participants in this panel will acquire a greater understanding of the association of drug markets, criminal enforcement systems and drug use patterns among U.S. Hispanics.
12:00 PM–1:30 PM  INTERNATIONAL FEATURED SPEAKERS (CONT.)

Maristela Monteiro, M.D., Ph.D.
Pan American Health Organization
“Gender, Alcohol, Culture and Harms: a Multicentric Study in 10 Countries of the Americas”

Marya Hynes-Dowell, M.H.S.
Inter-American Drug Abuse Control Commission (CICAD)
“Drug Consumption in the Americas: A Comparative Analysis of Trends and Patterns of Use”

DESCRIPTION

This lunch/working session will feature three presentations followed by questions and commentary by the audience. The speakers will present recent scientific breakthroughs they have achieved in collaboration with their international teams of Hispanic investigators. Dr. Rodriguez-Fonseca will explain how current pharmacological advances have linked the endogenous cannabinoid signaling system to alcoholism and how modulation of this system arises as a promising tool to treat alcohol abuse and relapse. Dr. Monteiro will present findings on alcohol consumption patterns in the Americas along with an in-depth analysis of the interrelationship between gender and culture in the effects of alcohol on partner aggression. The session will be closed by Ms. Hynes, who will show the latest data on trends and patterns of drug use across the Americas in both secondary school students and the general population. (Lunch provided gratis courtesy of Texas A&M University).

1:30 PM–2:30 PM  TIME ON YOUR OWN

2:30 PM–4:30 PM  New Investigators in Drug Abuse Research  (Haverford/Baccarat)

CHAIR

Nelson José Tiburcio, Ph.D.
National Development and Research Institutes

CO-CHAIRS

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

Victoria Ojeda, Ph.D., M.P.H.
Division of International Health & Cross Cultural Medicine, UCSD School of Medicine

PRESENTERS

Juan Peña, Ph.D.
Washington University in St. Louis
“Immigration Generation Status and its Association with Suicide Attempts, Substance Use, and Depressive Symptoms among Latino Adolescents in the United States”

Luis Natividad, B.A.
University of Texas, El Paso
“The Neurochemical Effects of Nicotine Withdrawal are Different in Adolescent and Adult Rats”

Esperanza Gómez Guardeño, Ph.D.
Valencia University, CSIC
“Differences between HIV+HCV+ and HIV-HCV- Cocaine Injectors to Avoid Infections”

Kaliris Salas-Ramirez, Ph.D.
CUNY Medical School
2:30 PM–4:30 PM  NEW INVESTIGATORS IN DRUG ABUSE RESEARCH (CONT.)

“Adelescent Anabolic Steroid Exposure affects Social Behaviors and Amygdalar Cell Proliferation”

Rosa Gonzalez-Guarda, Ph.D., M.P.H., RN.
University of Miami
“The Syndemic Model for Understanding Substance Abuse, Intimate Partner Violence and HIV/AIDS among Hispanics”

Jennifer Syvertsen, B.A.
University of South Florida
“Mapping Methadone: Using GIS for a Multiple Indicator Analysis of Methadone Misuse in Florida”

4:30 PM  ADJOURN FOR THE DAY FOR DINNER NON-ATTENDEES

6:00 PM–10:00 PM  AWARDS DINNER, KEYNOTE ADDRESS AND DANCE—WATERFORD/LALIQUE

KEYNOTE ADDRESS  Imaging Obesity & Addiction by Nora D. Volkow, M.D.

Imaging Obesity & Addiction by Nora D. Volkow, M.D.
**Scientific Program for Friday 3 October 2008**

**7:30 AM–10:00 AM**
REGISTRATION—HAVERFORD FOYER

**8:00 AM–8:30 AM**
CONTINENTAL BREAKFAST & NETWORKING—HAVERFORD FOYER

**8:30 AM–9:55 AM**
“Risky” Communities & Social Environment  (Haverford/Baccarat)

**Chair**
J. Bryan Page, Ph.D.
*University of Miami*

**Co-Chairs**
Yonette F. Thomas, Ph.D.
*National Institute on Drug Abuse*

**Presenters**
Joseph Frascella, Ph.D.
*National Institute on Drug Abuse*

Rafaela R. Robles, Ed.D.
*Universidad Central del Caribe*

**Presenters**
William Dressler, Ph.D.
*University of Alabama, Tuscaloosa*

“Cultural Consonance, Family, and Genetic Markers—Immediate Social Environment and Its Implications for Depression”

Juan L. Negrón-Ayala, M.P.H., Ph.D.
*Universidad Central del Caribe*

“Perceived Neighborhood Disorganization and Adolescent Violence in Puerto Rico: an Integrated Qualitative and Quantitative Approach”

Merrill Singer, Ph.D.
*University of Connecticut*

“Drug-Related Syndemics and the Risk Environment: Assessing Street Risk among Hispanics in Hartford”

**Description**
Individuals incur health risks through their behavior, but the behaviors that place them at risk are not simply intra-psychic in origin. Rather, they have origins in several different layers of social environment: the nuclear and extended families of orientation, the network of informal social relations, the community, and ultimately the political economy in which individuals seek to meet their daily needs. The presenters in this panel will focus on risky social environments, presenting scientific strategies for determining how different aspects of these environments contribute to risky behavior with particular emphasis on providing explanations of how factors of social environment combine to engender certain varieties of health risk.

**9:55 AM–10:00 AM**
3C TO COLLECT PARTICIPANT SURVEYS

**10:00 AM–10:15 AM**
BREAK—HAVERFORD FOYER

**10:15 AM–11:45 AM**
Navigating the Grant Submission and Review Process  (Haverford/Baccarat)

**Chair**
Yonette F. Thomas, Ph.D.
*National Institute on Drug Abuse*

**Co-Chair**
Teresa Levitin, Ph.D.
*National Institute on Drug Abuse*
Applying for research funding from the National Institutes of Health (NIH) may be a daunting and frustrating experience, especially given today’s budget environment and the many recent changes in NIH policies and procedures. This workshop will help investigators learn the process of successfully submitting applications for NIDA and other NIH institutes, the review process, and making the best use of the summary statement. Researchers at all levels of experience—from the first-time applicant to the seasoned principal investigator—can gain valuable insights.

Workshop topics will include:

- the characteristics of a strong grant application and ways to make sure reviewers understand what you intend to accomplish;
- how to master the components of the new electronic application package (SF 424 R&R) and comply with NIH administrative requirements;
- the review process and what really happens during review committee meetings;
- how to make the best use of the summary statement of your application’s review and what to do if you don’t get funded.
International Poster Session
3:45 PM–5:45 PM WEDNESDAY · 1 OCTOBER 2008 · CONCOURS TERRACE

1. Alcohol Use and Smoking: Gender Differences among Hispanic Immigrants in Spain
   Rafael Aleixandre-Benavent, M.D., Ph.D., Claudia Morales-Manrique, Universitat de Valenci; Juan Carlos Valderrama-Zurini, M.D., Ph.D., Generalitat Valenciana; Javier Alvarez, M.D., Ph.D., Universidad de Valladolid; Francisco Bueno, Plan Municipal Drogodependencias, Ayuntamiento de Valencia; and Miguel Castellano-Gómez, M.D., Generalitat Valenciana

2. Chilean School Substance Use, Chile 2001–2007
   Maria Elena Alvarado, M.D., M.P.H., University of Chile School of Public Health

3. Spiritual Self Schema Therapy: Pilot Study
   Sandra Arevalo, Hortensia Amaro, Ph.D., and Maria Cielo Magno-Gaymatan, Northeastern University; Michael Melendez, M.S.W., Ph.D., Simmons College; Dharma Cortes, Sc.D., Harvard Medical School; and Arthur Margolin, Yale University School of Medicine

4. An Empirical Test of Ecodevelopmental Theory in Predicting Substance Use and Early Sex Initiation among Hispanic Youth
   Frank C. Bandiera, M.P.H., Guillermo Prado, Ph.D., Hilda Pantin, Ph.D., and Shi Huang, Ph.D., University of Miami Miller School of Medicine

5. Drug Use in Brazil: Inhalant Abuse
   Helena M. T. Barros, M.D., Ph.D., Universidade Federal de Ciências da Saúde de Porto Alegre

6. Co-Occurring Disorders Treatment with Latinos
   Luis E. Bedregal, Ph.D. and Larry Davidson, Ph.D., Yale University School of Medicine

7. Stress across the Borderlands: A Multidimensional Exploration of Stress Among Mexican Immigrant Women
   Monica Bermudez-Parsai, M.S.W. and Flavio F. Marsiglia, Ph.D., Arizona State University

8. Effect of Alcohol on Protein Profile of Monocytes Derived-Dendritic Cells
   Nawal Boukli, Ph.D., Universidad Central del Caribe; Zainulabedin Saiyed, Ph.D., Florida International University; Martha Ricaurte, M.S., Eddy Rios-Olivares, Ph.D., and Luis Cubano, Ph.D., Universidad Central del Caribe; and Madhavan Nair, Ph.D., Florida International University

9. Factors Associated with Tobacco Smoking in Mexican High School Students
   Octavio Campollo, M.D., Ph.D., Cesar Alvarez, M.D., Marycarmen Bustos, B.A., Jaime Toro, M.D., and Hector Sánchez, M.D., Universidad de Guadalajara

10. An Institutional Participative Smoking Cessation Clinic at the University and Hospital Civil de Guadalajara: One Year Report
    Octavio Campollo, M.D., Ph.D., Marycarmen Bustos, B.A., Cesar Baltazar, B.A., Martha Juarez, B.A., Claudia Velazco, B.A., and Jorge E. Rosas-Cacho, M.D., Universidad de Guadalajara

11. Family attention and coca paste use in four northern regions of Chile, 1999 and 2005. Secondary data analyses from National epidemiological studies
    Luis Caris, M.D., Dr.P.H., University of Chile; and James Anthony, Ph.D., Michigan State University

12. A Multidimensional Analysis of Acculturation in Predicting Alcohol Consumption among Hispanics
    Miguel Ángel Cano, M.S. and Araceli López-Arenas, B.A., Texas A&M University
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13. The Development of the Hispanic Stress Inventory-Adolescent Version: Preliminary Findings
Richard C. Cervantes, Ph.D., California State University, Long Beach and Behavioral Assessment, Inc.;
David Cordova Jr., M.A., Michigan State University and Behavioral Assessment Inc.; and Dennis G. Fisher,
Ph.D., California State University, Long Beach

14. Youthful Drug Use in Venezuela: A Contextual Approach to Age of First Use
Ronald Cox, Ph.D., Oklahoma State University; Adrian Blow, Ph.D., Kimberly Maier Ph.D., and José Rubén Parra Cardona Ph.D., Michigan State University

15. Central American Network for Research on Addictions (RECIA). Project H90 UNODC
Xochitl De San Jorge, M.A., Ph.D., Patricia Pavón, M.D., Roberto Meyer, M.D., Rosa María Márquez, M.A.,
Sobeda Blázquez, M.D., and Paulina Beverido, M.A., University of Veracruz; Maria del Carmen Gogas-
coechea, M.D., Universidad Veracruzana; Betzaida Salas, M.D., Maria De los Angeles Olavarrieta, M.A., and
Laura Luna, M.D., University of Veracruz

16. Neighborhoods and Drug Use Outcomes for Latin American Youths
Pilar S. Horner, M.S.W. and Ninive Sanchez, B.A., University of Michigan; Marcela Castillo, Ph.D., University
of Chile, Santiago; Jorge Delva, Ph.D., M.S.W., University of Michigan, Ann Arbor

17. HIV Risk and Prevention in Drug Treatment Centers in Guatemala City and San Salvador
Jerry Jacobson, Universidad del Valle, Erica A. Shehane and Martin Iguchi, Ph.D., University of California Los
Anges

18. Recognizing, Understanding, and Treating Mental Health Needs in Latino Men and Women in a
Culturally-Focused Residential Addiction Treatment Setting
Wilfred Labiosa, M.S., Rick Quiroga, M.A., Emily Stewart, Diane Rosado, Gerardo Moreno-Serrano, M.S.,
Maryann Amodeo, Ph.D., Deborah Chassler, M.S.W., and Lena Lundgren, Ph.D., Boston University School
of Social Work

19. Violence, Depression, Substance Use, and Sexual Risk Taking among Female Sex Workers in Tijuana
Vera Lopez, Ph.D., Yasmina Katsulis, Ph.D., and Alyssa Robillard, Ph.D., Arizona State University

20. Patterns of Drug Use among Inner-City Minority Early Adolescents
Mildred M. Maldonado-Molina, Ph.D., Kelli A. Komro, Ph.D., M.P.H., University of Florida College of Medi-
cine; Stephanie T. Lanza, Ph.D., M.A.S, The Pennsylvania State University; Guillermo Prado, Ph.D., University of
Miami Miller School of Medicine

21. Comparative Study of Psycho-Social Factors Influencing Substance Abuse Patterns of Puerto Rican
and African American Patients at a New York Inner-City Hospital Rehabilitation Unit
Yolanda Martín, M.Phil., M.A., City University of New York

22. Predictors of Alcohol Initiation among Hispanic Adolescents in Puerto Rico
Tomas D. Matos, M.S., Rafaela R. Robles, Ed.D., Juan C. Reyes, Ed.D., Juan Negron, Ph.D., and Jose M. Calde-
ron, M.S., Universidad Central del Caribe; Hector M. Colon, Ph.D., Graduate School of Public Health, San Juan,
Perto Rico; and Miguel Cruz, M.S., Universidad Central del Caribe

23. Language Brokering Contexts and Behavioral and Emotional Adjustment among Latino Parents and
Adolescents
Heather H. McClure, Ph.D., Charles R. Martinez, Jr, Ph.D., and J. Mark Eddy, Ph.D., Oregon Social Learning Center
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24. Drugs & Violence: Emotional Factors & Personal Resources in Prevention and Modification of Aggressive Behaviors in Drugs Users
   Antonio Jesús Molina Fernández, Proyecto Hombre Granada, Spain

25. Emotional Factors & Personal Resources in Comorbidity Patients: Adapted Therapeutic Community Model for Dual Pathology
   Antonio Jesús Molina Fernández, Proyecto Hombre Granada, Spain

   Claudia C. Morales-Manrique, Universitat de Valencia; Javier Alvarez, M.D. Ph.D., Universidad de Valladolid; Miguel Castellano-Gómez, M.D. Generalitat Valenciana; Rafael Alexiandre-Benavent, M.D., Ph.D., Universitat de Valencia; Francisco Bueno, M.D., Plan Municipal Drogodependencias, Ayuntamiento de Valencia; Juan Carlos Valderrama-Zurián, M.D., Ph.D., Generalitat Valenciana

27. Mood Regulation and Impulsivity Differences across Individuals with Anorexia Nervosa, Bulimia Nervosa, and Non-clinical Controls
   Silvia Moreno, Ph.D., Universidad de Jaen; Rosa Roldán-Ortega, Ph.D., Sonia Rodríguez, Ph.D., Universidad de Granada; Cortney Warren, Ph.D., University of Nevada; M. C. Fernández, Ph.D., Universidad de Granada; Antonio Cepeda-Benito, Ph.D., Texas A&M University

28. Modeling Open Enrollment Group Data in Ecologically-Valid Behavioral Substance Abuse Treatment Trials: New Opportunities, Approaches and Cautions
   Antonio A. Morgan-Lopez, Ph.D., RTI International’s Behavioral Health and Criminal Justice Division; and William S. Fals-Stewart, Ph.D., University of Rochester School of Nursing

29. Factors Impacting the Well-being and Substance Use and Abuse of Latino Day Laborers
   Nalini Negi, Ph.D., M.S.W., University of Maryland, Baltimore

30. Stress, Coping and HIV Risk Behaviors among Hispanic Drug Injectors and Non-injectors Residing in Puerto Rico
   Juan Negrón-Ayala, Ph.D., and Rafaela Robles, Ed.D., Universidad Central del Caribe; Juan C. Reyes, Ed.D., University of Puerto Rico Graduate School of Public Health; David Colón, B.A., University of Puerto Rico; Tomás Matos, M.S., and José Calderón, M.S., Universidad Central del Caribe

31. Socio-Structural Determinants of Alcohol Use Behavior by Race
   Robert L. Peralta, Ph.D., and Jennifer Steele, Ph.D., University of Akron

32. The Emerging of Xylazine as a New Drug of Abuse and its Health Consequences among Drug Injectors in Puerto Rico
   Juan Carlos Reyes Pulliza, Ed.D., University of Puerto Rico; Rafaela Robles, Ed.D., Juan Negrón, Ph.D., Universidad Central del Caribe; Héctor Colón, Ph.D., University of Puerto Rico; Tomás Matos, M.S., and José Calderón, M.S., Universidad Central del Caribe

33. Intra-Ethnic Differences on the Lifetime Risk for Alcohol, Cannabis, and Cocaine Use among Latinos
   Carlos F. Rios-Bedoya, M.P.H., Sc.D., Michigan State University
43. Stimulation of Kappa Opioid Receptors Elicits Nicotine Withdrawal in Adult but not Adolescent Rats
Hugo A. Tejeda, B.S., Oscar V. Torres, M.A., Luis A. Natividad, B.A., James E. Orfila, Ph.D., Edward Castañeda, Ph.D., and Laura E. O’Dell, Ph.D., University of Texas at El Paso

44. The Rewarding Effects of Nicotine Are Age-, Hormone- and Sex-Dependence in Rats
Oscar V. Torres, M.A., Luis A. Natividad, B.A., Hugo A. Tejeda, B.S., and Laura E. O’Dell, Ph.D., University of Texas, El Paso

45. Protein Kinase Mzeta Inhibitor (ZIP) Blocks Cocaine Sensitization Expression in Male Rats
Maria E. Vélez, B.S., Rafael Vázquez, Michelle Sánchez, José Peña, David Scwarz, Carolina Jiménez, Carina Jiménez, Sharon González, Frankie Báez, M.D., and Carlos A. Jiménez-Rivera, Ph.D., University of Puerto Rico
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46. Depression and Transition Risk among Mexican American Non-Injecting Heroin Users
Yolanda Villarreal, M.S.W., University of Houston, Texas

47. Factores Personales e Interpresonales Relacionados con el Consumo de Drogas en Estudiantes Universitarios
Jorge Villatoro, Ph.D., Midiam Moreno, G.E., Maria de Lourdes Guitierrez, G.E.,
and Maria Elena Medina-Mora, Ph.D., Instituto Nacional de Psiquiatria

48. The Role of the Dorsal Striatum during Drug-Seeking after Abstinence from Chronic Cocaine Self-Administration
Alejandra M. Pacchioni, Ph.D., Amanda Gabriele, Ph.D., and Ronald E. See, Ph.D.,
Medical University of South Carolina

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Conference Objectives

The 2008 NHSN conference will address vital issues in Latino drug use. The planning committee for the 2008 conference was quite purposeful in designing a scientific program that addresses a variety of scientific issues that are transdisciplinary in scope, and cover the spectrum of NHSN member interests. The Director of NIDA, Nora Volkow, M.D. will present a plenary talk on the addiction analogue between obesity and addiction. In addition, the opening panel will present the latest scientific findings on the similarities and differences between obesity and drugs as addictive disorders.

This includes scientific support for current criminal justice programs that interface with the Latino community in order to reduce the impact of drug consumption on individuals, families and neighborhoods. Another panel will extend this exploration into drug marketing by providing research driven explorations about the organization of drug markets, their economic functions, and their influence on cognitive and decision making processes of individuals who are drug users and traffickers. Our fourth panel examines theory and research evidence regarding the connections between “risky environments” and the social environment. Public health researchers are placing increasing emphasis on place as the foremost research paradigm for determinants of disease including drug abuse and addiction. The 2008 NHSN Conference will feature several special interest break-out sessions of technical and substantive interest to our members, and mentoring and training activities to improve grant writing skills and overall scientific productivity. This will be a very exciting, innovative conference, once again spanning scientific perspectives from basic to applied sciences in all facets of conference activities.

Additional conference goals are to continue to move Hispanic drug abuse science towards interdisciplinary research and to provide mentoring and training activities to promote career development at multiple stages of the scientific trajectory, from graduate student to senior scientist. Activities include a Mentoring Luncheon, Poster Session, Breakout sessions on Research Priorities and Funding Opportunities with NIDA and New Investigators in Hispanic Drug Abuse Research Panel. The program concludes with a session on “Navigating the Grant Submission and Review Process.”

Upon completion of the 2008 conference, participants will be conversant with the following:

- Neurobiological and behavioral addiction analogs between obesity and drug addiction.
- The social and economic functions of drug marketing in communities, and models for investigating their effects on individual decisions to consume drugs.
- The design logic of criminal justice programs to reduce social deviance and drug consumption in the context of adolescent psychosocial needs.
- Effects of social context and the built environment as determinants in drug abuse and addiction in Latino communities.
- Guided discussions and mentoring for career development in basic, clinical, and social-behavioral research areas.

Credit Hours

The Biscayne Institutes of Health & Living, Inc. designates this educational activity as providing 18 credit hours toward continuing education for Psychologists, as detailed below. There is no registration fee for this conference.

- October 1: 6.5 credits
- October 2: 7.0 credits
- October 3: 4.5 credits

Accreditation

This program is co-sponsored by The Biscayne Institutes of Health & Living, Inc. The Biscayne Institutes of Health and Living, Inc. is approved by the American Psychological Association to offer continuing education to psychologists. The Biscayne Institutes of Health & Living, Inc. maintains responsibility for the program.
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