

Scientific Program for Saturday 31 October 2009

8:00 AM–8:45 AM CONTINENTAL BREAKFAST & NETWORKING

8:45 AM–9:00 AM REFLECTIONS AND INTRODUCTION OF NEW YOUNG INVESTIGATORS (Salon)

Antonio Cepeda-Benito, Ph.D.
2009 NHSN Conference Chair
Texas A&M University

9:00 AM–10:30 AM NAVIGATING THE GRANT SUBMISSION AND REVIEW PROCESS (Salon)

PRESENTER **Alfonso R. Latoni, Ph.D.**
Center for Scientific Review
National Institutes of Health
“Submitting a Grant Application to the NIH: Planning, Writing, Submitting, and Scientific Peer Review”

DESCRIPTION This session intends to provide participants with greater working knowledge of the grant application processes, including funding mechanisms, scientific peer review, and decision making of grants at the National Institutes of Health (NIH). Key topics include planning, preparation, organization, and submission of a grant application to a highly competitive biomedical and behavioral research environment. Additionally, participants will navigate, step by step, through the process of scientific peer review after submission and receipt of a grant application to the NIH. The seminar/workshop is intended to be interactive, where participants are strongly encouraged to ask questions.

10:30 AM–10:45 AM BREAK

10:45 AM–12:30 PM BREAKOUT SESSIONS

SESSION ONE **Advanced Statistical Methods to Study Trajectories of Smoking, Alcohol, and Drug Use Among Hispanic Adolescents** (Rossini)

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

Guillermo Prado, Ph.D.
University of Miami Leonard M. Miller School of Medicine

DESCRIPTION The purpose of this breakout session is to provide an introduction to statistical methods used to study trajectories of smoking, alcohol, and drug use behaviors among Hispanic adolescents. We will demonstrate how to apply statistical methods to handle cross-sectional and longitudinal data for continuous and categorical outcomes. We will demonstrate how to (a) conduct these analyses, (b) identify whether data are appropriate for these methods, (c) write SAS and MPlus code for these types of analyses, and (d) interpret statistical output.

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SESSION TWO **Basic Science Datablitz and Collaboration Workshop** (Pucchini)

PRESENTERS **Edward 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. Eight to ten 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 **Understanding Adult Latina Drug Use and HIV Risk: Lessons Learned From an Intergenerational Study of Mothers and Daughters** (Verdi)

PRESENTERS **Mario De La Rosa, Ph.D.**
Florida International University

Patria Rojas, Ph.D., M.P.H.
Florida International University

Frank Dillon, Ph.D.
Florida International University

DESCRIPTION Although the risk and protective processes influencing drug use behaviors of adult Latinos in the U.S. have been increasingly examined in the literature, drug abuse among adult Latinas remains a relatively understudied area. This presentation will summarize methodological lessons learned and core findings from a National Institute on Drug Abuse funded, cross-sectional study of substance use and HIV sexual risk behaviors of a cohort of 158 dyads of Latino mother and daughters (N = 316). It will present culturally based methodological adaptations developed to enhance the community based approach of the study. Processes influencing intergenerational drug use patterns; including mother-daughter attachment, age, nativity, socioeconomic factors, age of drug use onset, social support, chronic stress, intimate partner violence, dietary patterns, religiosity, and mother-daughter separation during immigration will be discussed. The presentation also will cover a range of HIV sexual risk behaviors (e.g., condom use, sex under the influence of drugs) along with correlates of these behaviors (e.g., nativity, mother-daughter attachment, age of sexual debut, and maternal drug abuse). Session attendees will acquire methodological skills and a greater understanding of drug use patterns and HIV sexual risk behaviors among a particularly vulnerable population to drug abuse and HIV/AIDS health disparities.

SESSION FOUR **International Research** (Vivaldi)

PRESENTER **Antonio Cepeda-Benito, Ph.D.**
Texas A&M University

DESCRIPTION In this session investigators from different disciplines will present research focusing on health issues relating to the international Hispanic population. International researchers are developing new methods and making exciting discoveries that are improving our diagnosis, treatment, and overall understanding of mental health disorders in the international Hispanic population. This session will provide a forum for national and international NHSN members to present their current internationally-focused projects in a short “datablitz” talk (10 minutes, up to 3 slides), which will be followed by a quick Q&A. The end of the session will be reserved for a group discussion open to any of the research presented during the session. Additionally, participants will have the opportunity to meet other researchers focusing on international mental health topics and possibly develop potential future collaborations. This session will highlight NHSN’s commitment towards supporting international mental health research, and the well being of the international Hispanic population.

SESSION FIVE **The Intersect of Latinos and Information & Communication Technologies: Understanding and Exploring Applications in Research and Public Health Programs** (Salon)

PRESENTER **Francisco Buchting, Ph.D.**
ETR Associates

DESCRIPTION As the Latino population continues to grow in the U.S. so does its use of information and communication technologies (ICT), including ancillary applications. In some instances Latinos have become leading adaptors of specific ICT while at the same time segments of the Latino population continue to lag behind or become further entrenched in the digital divide. A mixture of prudence and opportunity presents itself when considering the use of ICT in research and public health programs. This presentation will provide overviews and discuss trends of both ICT and of Latino use of ICT, in particular Web 2.0 applications, mobile technologies, and a brief exploration of Web 3.0. Details on how, why, and which segments of the Latino communities are using ICT will be presented, including the effects of culture, immigration, acculturation, generational differences, and poverty. This will be followed by an exploration of the effects the use of ICT in research may have on the traditional investigative paradigm from sampling methods to manuscript writing. Lastly, examples of how cutting edge ICT are being used in research and public health programs will be presented to stimulate further discussion.

12:00 PM CONFERENCE ADJOURNS

