

7:00 am - 7:00 pm

(1-001) REGISTRATION, *Regency Foyer*

8:00 am - 9:00 am

(1-002) TUESDAY MORNING BREAK (breakfast snacks),
Hall of Battles

8:00 am - 2:00 pm

(1-003) PRECONFERENCE WORKSHOP I, *Lexington*

HOW TO WRITE A RESEARCH GRANT PROPOSAL TO THE INSTITUTE OF EDUCATION SCIENCES: BRINGING PREVENTION SCIENCE IDEAS TO EDUCATION RESEARCH

Presenters: *Emily J. Doolittle, PhD* and *Jacquelyn A. Buckley PhD, NCSP*, Institute of Education Sciences, U.S. Department of Education.

The Institute of Education Sciences (IES) has multiple funding opportunities for researchers from the multidisciplinary prevention research community to bring their knowledge of prevention science to bear on education practice. A number of SPR members are involved in prevention efforts in schools that promote the well-being of students and help to prevent and reduce problem behaviors and poor educational outcomes. This preconference workshop is designed to raise awareness of funding support for prevention scientists whose research questions are relevant to education research and to provide instruction on how to develop competitive grant applications for IES.

Emily J. Doolittle, PhD, is a Research Scientist in the Teaching and Learning Division of the National Center for Education Research at the Institute of Education Sciences, U.S. Department of Education. At the Institute, she oversees two education research grant programs - Social and Behavioral Context for Academic Learning and Reading and Writing. Doolittle received her Ph.D. in 1995 in Developmental Psychology from The University of Chicago.

Jacquelyn A. Buckley, PhD, NCSP, is a Research Scientist in the National Center for Special Education Research at the Institute of Education Sciences, U.S. Department of Education. At the Institute, she oversees one special education research grant program - Social and Behavioral Outcomes to Support Learning. Buckley received her Ph.D. in 2002 in Educational Psychology from The University of Wisconsin-Madison.

8:30 am - 5:00 pm

(1-004) PRECONFERENCE WORKSHOP II, *Capitol B*

SMALL SAMPLE METHODOLOGY TOOLS FOR CONDUCTING INTERVENTION RESEARCH WITH SMALL SAMPLES

Chairs: *Kathy Etz, PhD*, National Institute on Drug Abuse and *David Henry, PhD*, University of Illinois at Chicago

Presenters: *David Henry, PhD*, University of Illinois at Chicago, *Donald Hedeker, PhD*, School of Public Health, University of Illinois at Chicago, *Linda Collins, PhD*, Chapin Hall at The University of Chicago, and *John Creswell, PhD*, University of Nebraska-Lincoln

Although larger samples are desirable for reasons of statistical power, much prevention research is conducted in situations where organizational or cultural constraints make large sample sizes prohibitive. Because of the inherent challenges of prevention research with small samples, it is important to develop a body of methodological and statistical knowledge that is applicable to these situations.

This workshop will consider some of the issues involved in prevention research with small samples and will focus on four strategies to address the challenges. It will include both quantitative and qualitative approaches, as follows: address methods for increasing the sensitivity of a study and power for detecting true preventive effects, present a session on models for clustered, ordinal data, that may be more appropriate for prevention outcomes than are models that assume continuous measurement and multivariate normality, and will provide instruction on using simulations in power analysis.

Dr. Kathy Etz is a program official at the National Institute on Drug Abuse and coordinates American Indian and Alaska Native activities there, research that is often characterized by small samples.

Dr. David Henry has worked with the Center for Alaska Native Health Research for many years and has applied the techniques that will be discussed to small samples. He has experience in conducting workshops on small sample methodology, including a recent two-day workshop in Fairbanks, Alaska.

Dr. Donald Hedeker is a nationally recognized expert in mixed models and has co-authored a recently published book on this topic. He has conducted many similar workshops including pre-conference workshops for SPR in the past.

Dr. Linda Collins has made presentations on accurately estimating statistical power internationally and is recognized as an expert in this area.

Dr. John Creswell recently served on a team to develop the NIH publication *Best Practices for Mixed Methods Research* in the Health Sciences. He has co-authored 19 books, many of which focus on research design, qualitative research, and mixed methods research. In addition, he co-directs the Office of Qualitative and Mixed Methods Research at the University of Nebraska. He founded and served as Co-Editor for the Sage journal, *Journal of Mixed Methods Research*.

8:30 am - 4:30 pm

(1-005) PRECONFERENCE WORKSHOP III, Concord

PARTICIPATORY SYSTEM DYNAMICS MODELLING: APPLICATIONS FOR PREVENTION RESEARCH

Chairs: *Elizabeth M. Ginexi, PhD*, National Cancer Institute and *Patricia Mabry, PhD*, National Institutes of Health, Office of Behavioral and Social Sciences Research, and *Kristen Hassmiller Lich, PhD*, University of North Carolina, Chapel Hill

Presenters: *David Mendez, PhD*, University of Michigan, *Karen J. Minyard, PhD*, Georgia State University, and *Imrana A. Umar*, Powersim Solutions, Inc.

This workshop will provide an introduction to System Dynamics (SD) modeling for prevention science researchers. Following a general introduction to SD methods, and a brief review of the historical context and the role of SD in the larger space of systems science methods, we will illustrate with in-depth case examples in public health research. Specifically, we will present an SD model examining the potential impact of one or more tobacco control policies under consideration by the FDA. We will also hear from a researcher who will describe how she has used SD to inform policy makers about the potential future impact of various health policies under consideration by a state legislature. We will next introduce software used in SD model building (Powersim), showcasing all of the basic features via public health examples. In this way, we will both be demonstrating the software, while at the same time, illustrating how the SD method works with relevant case examples. Next, we will engage the audience in a participatory model building exercise involving prevention science implementation research examples, so that audience members will have an opportunity for experiential learning. We will conclude with a 45 minute interactive session in which SD experts outline steps for building and using a model for problems selected by the audience. This final session is intended to help participants understand how they can implement an SD approach to address prevention science research questions and also gain an appreciation for the types of problems this tool is best suited for as well as its limits (i.e., in situations where a problem nominated might not be well suited for the SD method, an explanation for why would be provided). Each session will include facilitated, interactive discussion among session participants and workshop presenters, regarding how the methods might be used in prevention science research.

Elizabeth M. Ginexi, PhD, is a Program Director in the Tobacco Control Research Branch, Behavioral Research Program, Division of Cancer Control and Population Sciences at the National Cancer Institute where she serves as the Project Coordinator for the State and Community Tobacco Control Policy and Media Research initiative. Dr. Ginexi is an Applied Social Psychologist with expertise in family- and community-based etiology and prevention research. From 2003-2010 she directed the Transdisciplinary Prevention Research program at the National Institute on Drug Abuse. Before that, as a Senior Study Director at Westat, Dr. Ginexi worked on community-based drug abuse treatment and prevention evaluations funded by the National Institute on Alcohol Abuse and Alcoholism and the Substance Abuse and Mental Health Services Administration. She served as Research Assistant, Postdoctoral Fellow and Research Scientist at the George Washington University Center for Family Research from 1994-2000.

Dr. Patricia Mabry is a Senior Advisor in the Office of Behavioral and Social Sciences Research (OBSSR) at the National Institutes of Health (NIH) where she is facilitating the emergence of a new field that integrates systems science with health-related behavioral and social science research. Dr. Mabry's specific achievements include issuing funding opportunity announcements in systems science (e.g., PAR-11-314 (R01)/ PAR-11-315 (R21), Systems Science and Health in the Behavioral and Social Sciences) and leading the development of an annual training course, the Institute on Systems Science and Health (ISSH).

Dr. Mabry has been recognized for her leadership in systems science and health. She was a member of the team that received the inaugural Applied Systems Thinking Prize from the Applied Systems Thinking Institute in 2008, and received an individual Merit Award from NIH in 2008 for her leadership in systems science. In 2011, she received the NIH Director's Award for her contributions to NCCOR. Dr. Mabry runs the Behavioral and Social Sciences Research-Systems Science Listerv as a means of disseminating information to her constituency.

Dr. Hassmiller Lich is an Assistant Professor in the Department of Health Policy and Management at The University of North Carolina at Chapel Hill. She received her Master in Health Services Administration (MHSA, 2000) and PhD in Health Services Organization and Policy (2007) from the University of Michigan School of Public Health. Dr. Lich specializes in the application of operations research and complex systems modeling techniques to health policy and management decision making. She has worked most extensively on tobacco control, including two key modeling projects. In the first, she built a dynamic simulation model to predict and compare the benefits of various tobacco-control policies in the US. In the second, a dynamic infectious disease model was built to advance understanding of the relationship between smoking and tuberculosis, and to estimate the effects of tobacco (and tobacco control) on population-level tuberculosis outcomes such as incidence

and mortality rates. Other current research projects include: using decision support models to improve systems of mental health care in North Carolina and applying System Dynamics methods to improve stroke-related strategic planning in the Veterans' Health Administration. Dr. Lich's research passion is to advance the way we use models (both quantitative and qualitative) to improve policy-decision making, and to engage system stakeholders in the process. She has been invited to talk about the use of models to inform policy in a variety of settings, including the Centers for Disease Control and Prevention, the National Institutes of Health, and numerous meetings and workshops.

Dr. David Mendez is an Associate Professor in the Department of Health Management and Policy at the University of Michigan School of Public Health. His research involves developing mathematical/computer models to help policy makers explore solutions to public health problems in the areas of smoking control, residential radon, and HPV vaccination. He has written several papers on the role of systems science in public health policy research, and has implemented systems science tools extensively in the area of tobacco control. He has brought this work to bear through serving on the CDC Healthy People 2020 Objectives Tobacco Use Workgroup and as a consultant with the Institute of Medicine.

Karen Minyard, PhD, has directed the Georgia Health Policy Center (GHPC) at Georgia State University's Andrew Young School of Policy Studies since 2001. Minyard connects the research, policy, and programmatic work of the center across issue areas including: community and public health, end of life care, child health, health philanthropy, public and private health coverage, and the uninsured. Prior to assuming her current role, she directed the networks for rural health program at the GHPC. She has experience with the state Medicaid program, both with the design of a reformed Medicaid program and the external evaluation of the primary care case management program. She also has 13 years of experience in nursing and hospital administration.

Imrana A. Umar is the President and Chief Executive Officer of Powersim Solutions, Inc., responsible for guiding the overall vision, strategy, and operations of the company. Prior to co-founding Powersim Solutions, Inc., Mr. Umar worked for Powersim Corporation for 11 years, where he held various senior management positions, as well as serving on the board directors of the company from 1999 to 2001. Mr. Umar has several years of experience developing and implementing advanced simulation-based technology solutions in a wide variety of industries and application areas for major organizations in both private and public sectors around the world.

9:00 am - 5:00 pm

(1-006) PRECONFERENCE WORKSHOP IV, Columbia C**SOCIAL NETWORK APPROACHES FOR EVALUATING PREVENTION PROGRAMS AND IMPLEMENTING EVIDENCE BASED PROGRAMS**

Chair: *Thomas Valente, PhD*, University of Southern California

Presenters: *Scott Gest, PhD*, The Pennsylvania State University, *Peter Wyman, PhD*, Rochester University, *Sheppard Kellam, MD*, Johns Hopkins University, and *C. Hendricks Brown, PhD*, University of Miami

This workshop will introduce participants to the language, methodology, and theory of social network analysis. It will also discuss how network data can be collected efficiently and then analyzed and displayed using available programs. The workshop will then focus on how social network analysis can be used to: 1) assess differential impact of interventions, 2) accelerate behavior change, and 3) accelerate the implementation of evidence based practices. We will review how SNA has been successfully used in previous prevention studies. Because many studies do not yet use SNA, we will also address barriers by examining case studies where the collection of such network data have been considered but not yet been attempted. We will close by having participants discuss their perspectives and interests in network theories, methodologies, field experiences, and findings.

Scott Gest, PhD, is a noted expert in social network analysis (SNA) as applied to prevention. He has published SNA research in Prevention Science and has been applying SNA to prevention research for over 10 years. His research focuses on the role of peer relationships in behavioral development during childhood and adolescence. He is the PI of a 5-year longitudinal study (currently funded by NSF) of peer network dynamics in relation to patterns of academic achievement, school engagement and aggression in early adolescence. He is also an Investigator on a 5-year longitudinal study (funded by NIDA) of peer networks and the emergence of substance use from 6th - 9th grades. He has served as a co-advisor of several predoctoral trainees, providing access to longitudinal data sets that allow empirical study of peer networks and problem behavior in early adolescence. More recently he has co-taught (with Wayne Osgood) a 1-credit course (Introduction to Social Network Analysis) in which they highlight network analysis concepts and methods that are particularly relevant to prevention research.

Thomas W. Valente, PhD, has over 20 years of experience studying social networks and behavior change and has conducted several studies examining network influences on tobacco, alcohol, substance use, fertility preferences, and many other behaviors. He has written computer programs to construct network diffusion models useful for understanding how social networks channel the flow of ideas and practices. Valente has evaluated many media and health communication programs

designed to improve individual, community, and population health; and pioneered the use of social network analysis for behavior change interventions. He is an expert in social network influences and dynamics will be used to understand how social network measures moderate and mediate the effectiveness of the Pathways intervention and understand network influences on obesity and physical activity.

Dr. Peter Wyman has had extensive experience in conducting 'generative' psychosocial research and translating research findings into community-based preventive interventions. From 1994 – 2004, Wyman was Co-Director of the Rochester Child Resilience Project, a series of prospective-longitudinal studies focusing on processes linked to competent development in urban youth exposed to chronic psychosocial stress, from which he contributed 25 peer-reviewed articles. Wyman and colleagues have conducted several studies in which they train student peer leaders to modify social-ecological norms within their schools to increase help-seeking norms, youth-student connections, and decrease suicide acceptance (Sources of Strength curriculum). Wyman is on the scientific advisory board of the American Foundation for Suicide Prevention and also has expertise in human subject protection. From 2002- 2007 he was Chair of the Research Subjects Review Board (University of Rochester) – Behavioral and Social Sciences.

Sheppard G. Kellam, MD, is a public health psychiatrist who has played a major role in establishing concepts and methods for prevention science, and has contributed to knowledge about early risk factors and their malleability. He recognized the vital need to bridge the traditional gap between public education and public health prevention research. In March of 2000 he accepted an invitation of the American Institutes for Research to come full time to AIR and develop a new Center for Integrating Education and Prevention Research in Schools (Ed/Prev Center). His theoretical, methodological, and substantive contributions began with the early intervention studies in Woodlawn, an African American community on the South Side of Chicago, from 1963 through 1982. He and colleagues coined the name developmental epidemiology, i.e., mapping the variation in developmental paths leading to health or disorders within defined populations. This work was done in close harmony with a board of Woodlawn community organization leaders. In 1996 he was awarded the Rema Lapouse Award for lifetime contributions to public health and prevention science by the Mental Health, Epidemiology, and Statistics Sections of the American Public Health Association. In 1999 the World Federation for Mental Health presented him their Distinguished Public Mental Health Award for his work in advancing the science for prevention of mental and behavioral disorders. In 2004 he was elected to be a Fellow in the Academy of Experimental Criminology. As the first president of the Society for Prevention Research elected by the full membership (1998-2001), he worked to build and strengthen SPR as a broad, inclusive international scientific forum and organization for the advancement of prevention science worldwide.

Dr. C. Hendricks Brown holds the rank of Professor of Epidemiology and Public Health, Miller School of Medicine, University of Miami. Prior to that Brown was a Distinguished University Health Professor in the Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida. He also holds adjunct professor positions in the Department of Biostatistics and the Department of Mental Health at the Johns Hopkins Bloomberg School of Public Health. Also he is a Senior Research Scholar at the American Institutes for Research and a Collaborating Senior Scientist at the Oregon Center for Research to Practice. Dr. Brown has been actively engaged in research concerning advanced methodologies and statistics used to understand the implementation and evaluation of evidence based programs for prevention. As the director of the Center for Program Implementation Methodology, he is currently focused on understanding how advance systems science methodologies can be used to understand the implementation of prevention interventions.

9:00 am - 4:30 pm

(1-007) PRECONFERENCE WORKSHOP V, *Bunker Hill*

USING INFORMATION AND COMMUNICATION TECHNOLOGIES (ICTS) FOR PREVENTION RESEARCH

Chair and Presenter: *Andra Tharp, PhD*, Division of Violence Prevention, Centers for Disease Control and Prevention

Presenters: *Jody Ranck, PhD*, Public Health Institute, *Megan Moreno, PhD*, University of Wisconsin, *Deepali Patel*, Institute of Medicine, *Erik Augustson, PhD*, National Cancer Institute, *Marc Zimmerman, PhD*, University of Michigan School of Public Health, *Jose Bauermeister, MPH, PhD*, University of Michigan School of Public Health, *Meagan Sinton, PhD*, Washington University in St. Louis, *Audie Atienza, PhD*, National Cancer Institute, *William Riley, PhD*, National Heart, Lung and Blood, *Sarah Van Velsor* and *Megan Yarmuth*, Ogilvy Public Relations, *Kristen Holtz, PhD*, and *Eric Twombly, PhD*, KDH Research & Communication

This workshop will provide an overview and specific examples of emerging technologies (e.g., text messaging, email communication, internet 'blogs,' web-based training and/or technical assistance, Internet-based social media sites) that are being used and/or have the potential to be used by prevention researchers in all stages of their work, including planning, implementing, and evaluating preventive interventions. Topics of discussion will also include the benefits and challenges (logistical, ethical, legal, etc.) of using emerging technologies to conduct prevention research, and how prevention researchers can effectively partner with technology/social media experts to incorporate technology into their prevention work. Attendees will have opportunities to discuss how they may incorporate communication technologies into their own current and/or planned projects.

Dr. Andra Teten Tharp is a health scientist in the Division of Violence Prevention (DVP) in the National Center for Injury Prevention and Control at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia. Dr. Tharp is currently leading *Dating Matters: Strategies to Promote Healthy Teen Relationships*—a teen dating violence prevention initiative at CDC. She completed her doctoral studies in Clinical Psychology at the University of Oregon. In 2008 she received the Young Investigator award from the International Society for Research on Aggression for her research examining violence among veterans with posttraumatic stress disorder. In 2011 she received the Early Career Award in Behavioral and Social Sciences from the Behavioral and Social Sciences Working Group at the Centers for Disease Control and Prevention. She holds a clinical assistant professorship in the Menninger Department of Psychiatry and Behavioral Sciences in Houston, Texas and is a licensed clinical psychologist in Texas. Dr. Tharp's research interests include sexual and teen dating violence prevention. She has written and contributed to numerous publications on trauma and violence related topics.

Dr. Jody Ranck is the Director of Thought Leadership, Policy and Advocacy; mHealth Alliance/UN Foundation. He has a career in health, development and innovation spanning nearly 20 years in his work with foundations, non-profits, the United Nations and governments. His current work has emphasized global health innovation and health technologies for the poor. His primary role is leading the Thought Leadership and Policy programs at the mHealth Alliance/UN Foundation and also consults with NGOs, the UN and private sector on mHealth and innovation strategies. He played a leadership role in the Rockefeller Foundation's Global eHealth initiative that was launched in Bellagio, Italy in 2008. In addition he is a Principal Investigator at the Public Health Institute in Oakland, CA, on a number of health technology programs and is an adjunct professor at the University of San Francisco where he has taught courses on innovation and creativity. His previous work has included work in post-genocide Rwanda, risk and new bio-technologies (Zambia), work at the Grameen Bank in Bangladesh, and leading the Global Health practice and Health Horizons at the Institute for the Future in Palo Alto, CA. He has a doctorate in Health Policy and Administration from UC Berkeley as well as an MA in International Relations and Economics (Johns Hopkins University, SAIS), and a BA in biology from Ithaca College.

Megan A. Moreno, MD, MEd, MPH, is an Assistant Professor Department of Pediatrics of the University of Wisconsin School of Medicine and Public Health. Her research centers on adolescents' use of media and technology and how these may impact adolescent health behaviors. Adolescents' interactions with media and technology have enormous influence on their health and development. Previous studies have shown links between exposure to substance use and sexual content in media, and initiation of these behaviors. Social media are a particular interest of the Adolescent Health Research Team, as these types of media allow adolescents to be both producers and consumers of media messages about health.

Dr. Deepali Patel, Institute of Medicine, is an Assistant Professor Department of Pediatrics of the University of Wisconsin School of Medicine and Public Health. Her research centers on adolescents' use of media and technology and how these may impact adolescent health behaviors. Adolescents' interactions with media and technology have enormous influence on their health and development. Previous studies have shown links between exposure to substance use and sexual content in media, and initiation of these behaviors. Social media are a particular interest of the Adolescent Health Research Team, as these types of media allow adolescents to be both producers and consumers of media messages about health.

Erik Augustson, PhD, MPH, is currently a Behavioral Scientist and Program Director in the Tobacco Control Research Branch (TCRB) within the Division of Cancer Control and Population Sciences at the National Cancer Institute (NCI). He holds a Doctorate in Clinical Psychology from the University of New Mexico and is licensed as a clinical psychologist in Maryland. Dr. Augustson is a former Cancer Prevention Fellow and received a Master of Public Health degree, with a focus on Epidemiology, from Johns Hopkins University. Prior to entering the NCI Fellowship Program in 2000, he also completed a Fellowship in Behavioral Medicine, specializing in psychological factors affecting chronic pain disorders, and was on faculty at the University of Alabama School of Medicine. Following completion of the NCI Fellowship, he was employed as a Behavioral Scientist within TCRB via a contract with Scientific Applications International Corporation (SAIC).

Dr. Marc Zimmerman is Professor and Chair, Health Behavior & Health Education, and Research Scientist, Center for Human Growth and Development, University of Michigan School of Public Health. His research focuses on health and resiliency of adolescents, and on empowerment theory. His work on adolescent health examines how positive factors in adolescent's lives help them overcome risks they face. His research includes analysis of adolescent resiliency for risks associated with alcohol and drug use, violent behavior, precocious sexual behavior, and school failure. He is also studying developmental transitions and longitudinal models of change. Dr. Zimmerman's work on empowerment theory includes measurement and analysis of psychological and community empowerment. The research includes both longitudinal interview studies and community intervention research.

Dr. Jose Bauermeister is Assistant Professor in the Department of Health Behavior and Health Education (HBHE), and Director of the Sexuality & Health Research Lab (SexLab) at the School of Public Health. His primary research interests focus on sexuality and health, sexuality-related health disparities, and interpersonal prevention and health promotion strategies for adolescents and young adults. He is Principal Investigator of several projects examining HIV/AIDS risk among young men who have sex with men (YMSM) and other health-related disparities among sexual minorities. Originally from San Juan, Puerto Rico, Dr. Bauermeister completed his MPH and PhD in Public Health

from the University of Michigan. Prior to joining the HBHE faculty, Dr. Bauermeister was a NIH postdoctoral fellow in the HIV Center for Clinical and Behavioral Studies at Columbia University's Department of Psychiatry and Lecturer in the Department of Psychology at New York University. Dr. Bauermeister is member of the Editorial Boards of the *Journal of Youth & Adolescence*, *Archives of Sexual Behavior*, and *AIDS and Behavior*. He also serves as Section Counselor of the American Public Health Association's HIV/AIDS Section.

Dr. Meagan Sinton is a Postdoctoral Research Scholar for the Weight Management and Eating Disorders Research Lab. Dr. Sinton received her B.A. in psychology, with a biological psychology concentration (cum laude) from the College of the Holy Cross in 2001. She then went on to get her M.A. in human development and family studies from Pennsylvania State University in 2003, and she completed her Ph.D. in human development and family studies in 2006. Dr. Sinton's research focuses on the developmental processes, including examination of the complex interplay between individual characteristics, developmental events, and environmental factors that contribute to the emergence and maintenance of disordered eating in children and adolescents. Her goal is to use such information to design, implement, and evaluate innovative eating disorder prevention programs for at-risk populations.

Audie Atienza, PhD, is a Behavioral Scientist/Program Director at the National Cancer Institute (NCI), Division of Cancer Control and Population Sciences (DCCPS), Behavioral Research Program (BRP), Health Behaviors Research Branch (HBRB). He received his Bachelor's degree from the University of California at San Diego in 1991 and obtained his Doctorate in Clinical Psychology from Kent State University in 1998. He completed a clinical psychology internship as a Behavioral Medicine Specialist (with Neuropsychology and Family Therapy rotations) at the Palo Alto Veterans Administration Health Care System. Prior to coming to the NCI, Dr. Atienza completed a Post-Doctoral Fellowship at the Stanford University School of Medicine, Stanford Prevention Research Center (formerly the Center for Research in Disease Prevention). He was selected as a Fellow to the 25th Ten-Day Seminar on Epidemiology and Prevention of Cardiovascular Disease (AHA, 1999), the Summer Training Institute on the Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions (OBSSR/NIH, 2001), and the Physical Activity and Public Health Course (CDC, 2003).

William (Bill) Riley, PhD, is a Program Director in the Division of Cardiovascular Sciences at the National Heart Lung and Blood Institute (NHLBI) and is responsible for managing grant portfolios in tobacco control and other health risk behaviors. Dr. Riley was the Chief Science Officer for PROMIS (Patient Reported Outcomes Measurement Information System), a NIH Roadmap Initiative to develop and evaluate a computerized adaptive testing system to assess patient-reported outcomes across a range of chronic diseases. He is also the chair of the NIH mHealth Inter-Institute Interest Group (mHealth

IIIG). Dr. Riley received his Ph.D. in Clinical Psychology from the Florida State University in 1984. He served as Assistant Professor in the Department of Psychiatry and Health Behavior at the Medical College of Georgia from 1984 to 1989 and as Associate Professor in the Department of Psychiatry at Virginia Commonwealth University from 1989 to 1999. Dr. Riley was Director of Research at PICS, Inc., a health behavior research and technology firm, from 1999 until 2005 when he joined NIH. He served as Deputy Director in the Division of AIDS and Health Behavior Research before joining NHLBI in 2009. He also holds an adjunct professor appointment in the Department of Prevention and Community Health at the George Washington University School of Public Health. His research areas include eHealth and mHealth technologies, tobacco dependence, diet/exercise adherence, insomnia treatment, and behavioral assessment.

Megan Yarmuth, MBA, is an Account Director within Ogilvy Washington's Social Marketing Practice. As an Account Director, Megan provides partnership expertise, executes strategic research and analysis, and manages materials development. She currently works on the Center for Disease Control and Prevention's Dating Matters, a teen dating violence prevention initiative, and the National Heart Lung and Blood Institute's *We Can!* childhood nutrition program. Her work on Dating Matters has included significant research and content development, as well as working with community grantee awardees. Megan holds a Masters in Business Administration from George Washington University and a bachelor's degree in Public Relations from the University of Florida. In addition, at the 2011 CDC NCHCMM conference, Megan presented on *Perspectives of Hard to Reach Parents*, and in 2010 she presented a poster on *Using Research to Understand Hard to Reach Audiences*. Prior to working at Ogilvy Washington, Megan worked to research, implement and evaluate national marketing campaigns and partnership development programs for both Amtrak and Choice Hotels International.

Sarah Van Velsor, BA, is a Digital Influence Strategist within Ogilvy Washington's Social Marketing Practice. She brings nine years of experience leveraging the power of the social web for national non-profit organizations and government agencies. Sarah currently heads up a special team of digital strategists within social marketing, she currently works with clients such as AHRQ, FDA NKDEP and CDC. She develops strategic social media campaigns that meet her client's business and communications goals and activate word-of-mouth via digital tools Sarah has extensive experience speaking on social media and developing training programs for clients. She has been invited to speak at several health marketing conferences including the CDC's National Conference on Health Communication Marketing and Media and the National Public Health Information Coalition on Twitter Best Practices for Health Communicators. She's also been a guest lecturer at George Washington University and John Hopkins University. Prior to joining Ogilvy, Sarah worked for the American Red Cross where she implemented social marketing programs that supported

preparedness, blood donation, and fundraising. Sarah began her career at the Hodges Partnership, a public relations agency in Richmond, VA. Sarah holds a bachelor's degree in English from the University of Virginia. She resides in Arlington, VA,

Dr. Kristen D. Holtz is the founder and president of KDH Research & Communication, a woman-owned small business that constructs and evaluates public health and social service programs and disseminates objective and timely scientific information to these fields. Her work explores optimal methods to present health information in ways that the target audiences can learn and benefit from it. Dr. Holtz has published her research in top academic journals, presented at professional meetings across the U.S., and developed and disseminated many evidence-based products for lay audiences, including parents, children, and teachers. Dr. Holtz has won multiple federal grants and contracts in the field of health communication, including work with the National Institutes of Health (NIH) and the Centers for Disease Control and Prevention (CDC). Prior to starting KDHRC, Dr. Holtz served as Vice President of Child and Family Health at Danya International.

Eric C. Twombly, PhD, is a principal research associate and the Director of Organizational Studies at KDH Research & Communications, where he studies health and social service delivery mechanisms and health literacy programs. Dr. Twombly is a leading expert on the organizational behavior of community-based nonprofit providers and has been the chief evaluator on several public health projects funded by the National Institutes of Health. Before joining KDHRC, Dr. Twombly was a senior research associate at the Center on Nonprofits and Philanthropy at the Urban Institute, and an assistant professor in the Andrew Young School of Policy Studies at Georgia State University, where he continues to lecture on public policy and social policy issues.

10:00 am - 10:15 am

(1-008) TUESDAY MID-MORNING BREAK, *Hall of Battles*

12:00 pm - 1:00 pm

(1-009) TUESDAY LUNCH ON YOUR OWN

1:00 pm - 5:00 pm

(1-010) PRECONFERENCE VI, *Regency D*

EMERGING PRINCIPLES OF DRUG ABUSE PREVENTION: PROGRAM DELIVERY

Organizers and Presenters: *Elizabeth Robertson, PhD, Belinda Sims, PhD, and Eve Reider, PhD*, National Institute on Drug Abuse.

Moderator: *Catherine Bradshaw, PhD*, Johns Hopkins University

Discussants: *Brian Bumbarger, MEd*, Pennsylvania State University, *Abby Fagan, PhD*, University of South Carolina, *Luanne Rohrbach, PhD*, University of Southern California, and *Lisa Saldana, PhD*, Oregon Social Learning Center

In 1997 the National Institute on Drug Abuse (NIDA) published the first edition of *Preventing Drug Use among Children and Adolescents: A Research-Based Guide*, which has been often referred to as "The Red Book." The Guide introduced the concept of "research-based prevention" with questions and answers on risk and protective factors, community planning and implementation, and 14 prevention principles derived from effective drug abuse prevention research. The purpose of the Guide was to help practitioners use the results of NIDA research in their efforts to promote healthy development through preventing the initiation and progression of drug abuse and associated problem behaviors among children and adolescents in communities across the country. The 2003 second edition was double the size of the first edition, reflecting NIDA's expanded research program and knowledge base. It is almost ten years since the publication of the second edition and there has been a tremendous proliferation of knowledge from NIDA sponsored research on drug abuse prevention. This research has been reviewed and synthesized and a new set of emerging principles has been derived and organized. The emerging principles related to prevention program delivery are the focus of the proposed pre-conference workshop. These new principles build on the 2003 view that program delivery could be subdivided into three categories: structure, content and delivery.

The purpose of the workshop is: 1) to describe the process used in deriving principles; 2) to present the emerging principles regarding program delivery; and 3) to obtain feedback on the proposed principles from panelists and audience members toward further crystallizing them. The principles will be presented in three sections: 1) structure (how the program is organized and constructed), 2) content (the information, skills and strategies of the program), and 3) delivery (how the program is adapted, implemented and evaluated). There will be a discussion following each section to talk about the proposed principles including: the supporting research findings, alternate interpretations, and the choice of wording to describe the principles. The workshop will conclude with an open discussion aimed at solidifying thoughts from the prior discussions.

Dr. Elizabeth Robertson is Senior Advisor for Prevention Research at the National Institute on Drug Abuse (NIDA) and served as Chief of the Prevention Research Branch (PRB) for almost 15 years. During her tenure at NIDA, she advanced the development of PRBs research portfolio to include topics related to the dissemination and implementation of evidence-based interventions. She was co-author of the 2nd edition of NIDA's booklet titled "Preventing Drug Use among Children and Adolescents" which identified principles of prevention for use by families, schools and community leaders. This workshop builds on that effort through identifying principles for the dissemination and implementation of drug abuse prevention programs.

Dr. Belinda Sims is a Health Scientist Administrator in the Prevention Research Branch of the Division of Epidemiology, Services and Prevention Research, at the National Institute on Drug Abuse (NIDA). Dr. Sims manages a research portfolio on drug abuse prevention that spans the prenatal period through pre-adolescence. Within this developmental age range, her portfolio includes interventions for early childhood, and family-based and school-based preventive interventions. Another primary research focus in Dr. Sims' portfolio is prevention services research. This includes studies examining factors internal or external to the prevention process that contribute to the efficacy and effectiveness of interventions as well as the scaling up, and sustainability of evidence-based prevention interventions in existing and created settings and systems.

Dr. Eve Reider is the Deputy Branch Chief of the Prevention Research Branch (PRB) in the Division of Epidemiology, Services and Prevention Research (DESPR) at the National Institute on Drug Abuse (NIDA). She has been involved in the development of the PRB research portfolio that focuses on implementation of evidence-based prevention interventions and has contributed to the synthesizing of findings and identifying of emerging principles on program delivery that will be presented at this pre-conference workshop.

Dr. Catherine Bradshaw is an Associate Professor in the Department of Mental Health at the Johns Hopkins Bloomberg School of Public Health, and has a secondary appointment in the School of Education at Johns Hopkins University. She serves as the Deputy Director of the Johns Hopkins Center for the Prevention of Youth Violence and the Co-Director of the Johns Hopkins Center for Prevention and Early Intervention. Bradshaw's research focuses on the prevention of substance abuse and related behavioral and mental health problems among children, adolescents, and young adults. Much of her work is conducted in school and community settings, where issues of translational research are quite pertinent. She has been PI/Co-PI on a number of large-scale group randomized controlled efficacy and effectiveness trials, and is directly involved in several state- and district-level scale-up efforts of evidence-based prevention programs.

Brian Bumbarger, MEd, is the founding Director of the Evidence-based Prevention and Intervention Support Center (EPISCenter) at Penn State University (www.EPISCenter.psu.edu). He is also Director of Policy Research and Outreach at the Prevention Research Center at Penn State, where he leads the Dissemination and Implementation (Type 2 Translational Research) Unit. Bumbarger is currently Principal Investigator of a decade-long study of the large-scale replication of evidence-based prevention programs in nearly 200 communities throughout Pennsylvania. The study focuses on site readiness and program selection, implementation quality and fidelity, sustainability, and connection to community prevention coalitions, as well as program impact and cost-effectiveness. In addition, Brian is Principal Investigator of a NIDA study examining the use of data dashboards to improve implementation quality and fidelity and drive influence practitioners and policy makers. He has previously been Principal Investigator of randomized studies examining the effectiveness of low-cost/low-burden intervention to improve implementation quality of EBPs, and the use of police officers in the delivery of school-based drug prevention programs. He directs training and technical assistance projects supporting over 100 community prevention coalitions, and has been involved for nearly a decade in the 28-community PROSPER randomized trial testing the efficacy of the Land-grant Cooperative Extension system as a mechanism for disseminating evidence-based prevention programs.

Dr. Abigail Fagan's background and research is in the area of drug abuse prevention and well qualified to comment on NIDA's draft principles related to drug prevention programming. Fagan is thoroughly familiar with the scientific literature related to drug prevention programming and implementation, and she has practical experience in translating this information to community practitioners. As a research assistant on the Blueprints for Violence Prevention Initiative (Dr. Delbert Elliott, Principal Investigator), Fagan has assisted in the identification of effective drug prevention programs and managed a large-scale replication of the Life Skills Training drug prevention curriculum in schools across the United States. This project documented challenges related to program delivery and provided technical assistance in overcoming these obstacles. As an Intervention Specialist for the Community Youth Development Study (Dr. J. David Hawkins, Principal Investigator), a randomized controlled evaluation of the Communities That Care prevention system, she has designed a multi-component process for monitoring the implementation of prevention programs and provided training and technical assistance to community coalitions to utilize this system when implementing prevention activities. Dr. Fagan has published extensively in the area of prevention programming and implementation and has presented on this topic to both academic and lay audiences.

Dr. Luanne Rohrbach's research focuses on interventions to prevent tobacco, alcohol, and other drug abuse and risky sexual behaviors among youth. At present, her primary emphasis is translational research, in which she investigates strategies for dissemination and implementation of evidence-based interventions in a variety of real-world settings. Recently, she was the principal investigator on a NIDA-funded study that examined the relative effectiveness of two approaches to teacher training for the evidence-based program *Towards No Drug Abuse*. Currently, she is co-principal investigator on an evaluation of a comprehensive sexual risk reduction program for high school students in Los Angeles schools and principal investigator on a study examining implementation of evidence-based prevention programs in community-based agencies throughout Los Angeles County. Dr. Rohrbach is co-chair of the Type 2 Translation Task Force of the Society for Prevention Research, which is devoted to synthesizing information about and promoting advances in translation research.

Dr. Lisa Saldana is a Research Scientist at Oregon Social Learning Center, a leading institute in prevention and intervention research for children and families. Her primary research has focused on preventive interventions for families involved in the juvenile justice and child welfare systems, with complications of substance abuse. In particular, Dr. Saldana has expertise in implementation science and the evaluation of implementation processes to move evidence-based practices into real-world community settings. She has recently developed a method for costing implementation strategies, and has been involved in conducting economic evaluations of multiple preventive interventions. Her overarching research goal is to increase understanding of what "it takes" to install evidence-based practices in order to increase the availability of the most beneficial services to clients and decrease the wasted efforts and resources on failed implementation attempts.

1:00 pm - 5:00 pm

(1-011) INTERNATIONAL NETWORKING FORUM, *Capital A*

The forum is designed to bring together colleagues who are working in the international arena on prevention science research, programs, and policies. This is an interactive forum and it is not a workshop nor is it a didactic session. Participation is key to the forum. The forum is sponsored by the International Task Force and each year, projects are addressed that will further the underlying goal of supporting and networking colleagues who work in the international arena.

The International Task Force (ITF) is comprised of the following members: Brenda A. Miller, Chair, USA (bmiller@prev.org); John Toumbourou, Australia (john.toumbourou@deakin.edu.au); Moshe Israelashvili, Israel (mosheil1@post.tau.ac.il); Josipa Basic, Croatia (basic@erf.hr); Hanno Petras, USA (Hpetras@jbsinternational.com); Zili Sloboda,

USA (zsloboda@jbsinternational.com); Jeff Lee, UK (jeff@mentorfoundation.org)

International Advisory Group: At this year's forum, a group of advisors will be introduced. The purpose of this group is to provide a network of colleagues who can respond to the activities of the ITF to reflect their region. Our goal is to support these regional advisors as they work to strengthen the prevention science approach for their own regions.

Network Agenda

1. Introductions
2. Brief report on ITF activities during past year with response from audience about actions taken and desired next steps
3. Overview and presentation of this year's foci of action:
 - **International registry/networking online database**—The ITF is actively engaged in gathering information about SPR membership involved in international collaborations and ensuring that this information is available to members to network for future collaborative efforts.
 - **Developing sources of support for international collaborating research teams through Governmental and Foundation sources.** Representatives from government and/or foundations will be asked to work with the ITF in developing a plan for supporting collaborative international research efforts, with a special interest in developing "seed fund" to support the development of productive research and action collaborations.
 - **United Nations Office of Drugs and Crime, International prevention standards**—Representatives from the U.N will meet with forum members to discuss the current international prevention standards project. A focus of this sub-group will be to allow further discussion of the challenges to and forces for adopting prevention standards around the world and how UN's work might be supported by International Networking Forum attendees.
4. Break into discussion groups for this year's foci of action
5. Report back to the larger group with three key planned activities
 - o Goals identified for next year
 - o Next action steps and key players for action
 - o Solicitation of ideas and support from larger audience