

# The 2017 National Institutes of Health Behavioral and Social Sciences Research Festival: Meeting Summary

Hosted by the  
National Institutes of Health  
Office of Behavioral and  
Social Sciences Research and the  
NIH Behavioral and Social Sciences  
Research Coordinating Committee

Natcher Conference Center  
National Institutes of Health  
Bethesda, Maryland

December 8, 2017



National Institutes of Health  
Office of Behavioral and Social Sciences Research

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# BACKGROUND AND MEETING OVERVIEW

The National Institutes of Health (NIH) Office of Behavioral and Social Sciences Research (OBSSR) held the second *NIH Behavioral and Social Sciences Research Festival: Connecting People to Advance Health* on the NIH campus on December 8, 2017. This 1-day festival brought together behavioral and social scientists within the NIH extramural and intramural communities to network and collaborate with one another and share scientific ideas, highlight recent advances in NIH-supported behavioral and social sciences research in fiscal year (FY) 2017, and explore ways to advance behavioral and social sciences research.

The festival was jointly organized by OBSSR and the NIH Behavioral and Social Sciences Research Coordinating Committee (BSSR-CC), which enabled efficient leveraging of NIH resources and expertise. The BSSR-CC is comprised of program, review, and research staff from most NIH Institutes and Centers (ICs) who contributed a diverse and comprehensive perspective on the NIH BSSR portfolio, thus facilitating the selection of an outstanding array of speakers. The BSSR-CC was encouraged to nominate potential presenters whose research involved cross-disciplinary collaborations between behavioral/social sciences and biomedical sciences. Of the 62 nominations reviewed by the BSSR-CC, nine nominees were selected to present their research at the 2017 festival.

The meeting began with a welcome and opening remarks from NIH Principal Deputy Director Lawrence A. Tabak, D.D.S., Ph.D. Dr. Tabak conveyed the importance of gathering together the scientific community at the NIH and the broader stakeholder community to discuss and advance behavioral and social sciences research. OBSSR Director William T. Riley, Ph.D., provided an update on the state of behavioral and social sciences at the NIH for FY 2017, noting that NIH grant funding for the behavioral and social sciences has increased steadily over the past few years, from slightly less than \$4 billion in FY 2015 to more than \$4.75 billion in FY 2017. A new feature on the agenda for this year's meeting, an NIH Institute/Center Director Perspective, was provided by National Institute on Minority Health and Health Disparities (NIMHD) Director Eliseo J. Pérez-Stable, M.D. NIH Associate Director for Clinical Research John I. Gallin, M.D., spoke about NIH intramural research and introduced Jack Yanovski, M.D., Ph.D., Chief of the Section on Growth and Obesity at the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD). Dr. Yanovski highlighted intramural [NIH Bench-to-Bedside](#) research on depression and insulin resistance in adolescent girls.

The nine selected presenters were part of three panels that covered three broad behavioral and social sciences research topics: interventional research, behavioral neuroscience, and social factors and health. [Drs. Eric Lenze](#), [Sebastian Linnemayr](#), and [Kelli Komro](#), presenters on the interventional research panel, described the findings from studies of interventions to reduce dementia and memory loss, improve adherence to antiretroviral treatment, and prevent alcohol abuse among American Indians. The behavioral neuroscience panel included [Drs. Paul Kenny](#), [Shannon Gourley](#), and [Russell Fernald](#), who provided perspectives on brain avoidance circuitry, decision-making and the effects of cocaine, and the effects of social behavior on the brain. The third panel covered social factors and health and featured [Drs. Shannon Monnat](#), [Yang Claire Yang](#), and [Stephen Gilman](#), who discussed research on the opioid use and mortality in rural and small towns, social stress and aging, and the effects of social disadvantage on immune activity and neurocognitive development.

The plenary and panel sessions were recorded and captioned and are available to view at [NIH VideoCasting](#). Scroll down below the video to choose a specific speaker or presentation to view.

# Agenda

8:30–8:45 a.m.	<b>Welcome and Opening Remarks</b> Lawrence Tabak, D.D.S., Ph.D. Principal Deputy Director, National Institutes of Health (NIH)
8:45–9:15 a.m.	<b>State of Behavioral and Social Sciences at the NIH</b> William Riley, Ph.D. NIH Associate Director for Behavioral and Social Sciences Director, NIH Office of Behavioral and Social Sciences Research (OBSSR)
9:15–10:30 a.m.	<b>Panel 1: Interventional Research</b> <i>Moderated by Robert Freeman, Ph.D., National Institute on Alcohol Abuse and Alcoholism</i> <ul style="list-style-type: none"><li>• How Can We Help the Aging Brain and Reduce Dementia? <i>Eric Lenze, M.D.</i></li><li>• Behavioral Economic Approaches to Improve ART Adherence <i>Sebastian Linnemayr, Ph.D.</i></li><li>• Multilevel Prevention Trial of Alcohol Use Among Native American and White High School Students in the Cherokee Nation <i>Kelli Komro, Ph.D.</i></li></ul>
10:30–10:45 a.m.	<b>Break</b>
10:45–11:45 a.m.	<b>Town Halls</b> <ul style="list-style-type: none"><li>• OBSSR Serving the NIH <i>Moderated by Elizabeth Ginexi, Ph.D.</i></li><li>• OBSSR Serving the Research Community <i>Moderated by William Elwood, Ph.D.</i></li></ul>
12:00–1:00 p.m.	<b>Lunch and Posters</b>
1:00–1:30 p.m.	<b>NIMHD Perspectives on Behavioral and Social Sciences Research</b> Eliseo Pérez-Stable, M.D. Director, National Institute on Minority Health and Health Disparities

<b>1:30–2:45 p.m.</b>	<p><b>Panel 2: Behavioral Neuroscience</b>  <i>Moderated by Janine Simmons, M.D., Ph.D.. National Institute of Mental Health</i></p> <ul style="list-style-type: none"> <li>• Brain Avoidance Circuits and Addiction  <i>Paul Kenny, Ph.D.</i></li> <li>• Action-Consequence Decision Making and Effects of Cocaine  <i>Shannon Gourley, Ph.D.</i></li> <li>• How Does Social Behavior Change the Brain?  <i>Russell Fernald, Ph.D.</i></li> </ul>
<b>2:45–2:55 p.m.</b>	<p><b>Break</b></p>
<b>2:55–3:20 p.m.</b>	<p><b>NIH Intramural Research Highlight: Depression and Insulin Resistance in Adolescent Girls—An Intramural NIH Bench-to-Bedside Investigation</b></p> <ul style="list-style-type: none"> <li>• Opening Remarks: John Gallin, M.D.  NIH Associate Director for Clinical Research  NIH Clinical Center</li> <li>• Presenter: Jack Yanovski, M.D., Ph.D.  Chief, Section on Growth and Obesity  Division of Intramural Research  <i>Eunice Kennedy Shriver</i> National Institute of Child Health and Human Development</li> </ul>
<b>3:20–4:35 p.m.</b>	<p><b>Panel 3: Social Factors and Health</b>  <i>Moderated by Melissa Riddle, Ph.D.. National Institute of Dental and Craniofacial Research</i></p> <ul style="list-style-type: none"> <li>• Opioid Use and Mortality in Rural and Small-Town America  <i>Shannon Monnat, Ph.D.</i></li> <li>• Social Stress and Chronic Diseases of Aging: A New Life Course Approach to Biosocial Linkages  <i>Yang Claire Yang, Ph.D.</i></li> <li>• Socioeconomic Disadvantage, Gestational Immune Activity, and Children’s Neurocognitive Development  <i>Stephen Gilman, Sc.D.</i></li> </ul>
<b>4:35 p.m.</b>	<p><b>Closing Remarks and Adjournment</b>  Christine Hunter, Ph.D., ABPP  CAPT, U.S. Public Health Service  Deputy Director, OBSSR</p>

# Speaker Biographies

## Panel 1: Interventional Research

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### How Can We Help the Aging Brain and Reduce Dementia?

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**Eric Lenze, M.D.**  
*Professor of Psychiatry,  
Director, Healthy Mind  
Lab, Washington  
University School of  
Medicine*



Eric Lenze, M.D., is a professor in the Department of Psychiatry at Washington University School of Medicine in St. Louis. Dr. Lenze completed college, medical school, and his psychiatry residency at Washington University in St. Louis. He then moved to the University of Pittsburgh to train in geriatric psychiatry.

In 2007, he returned to the Washington University in St. Louis Department of Psychiatry, where he directs the Healthy Mind Lab. His research focuses on treatments for older adults with depression, anxiety, and cognitive decline. He also studies how to improve recovery from disabling medical conditions, such as hip fracture and stroke. He is an author on more than 200 peer-reviewed articles, reviews, and book chapters.

Dr. Lenze is a practicing geriatric psychiatrist who sees outpatients and teaches geriatric mental health to young physicians and medical students at Washington University in St. Louis.

### Behavioral Economic Approaches to Improve ART Adherence

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**Sebastian Linnemayr, Ph.D.**  
*Senior Economist,  
RAND Corporation and  
Professor, RAND Pardee  
Graduate School*



Sebastian Linnemayr, Ph.D., is a senior economist at the RAND Corporation and a professor at the Pardee RAND Graduate School. His research focuses on the use of economic incentives and the application of insights from behavioral economics to improve complex, chronic health behaviors. Most of his studies use nudge-type incentives of small or non-monetary value in combination with mHealth techniques as a low-cost way of reaching large numbers of people in resource-limited settings.

Dr. Linnemayr travels frequently to Uganda where he is implementing several interventions funded by the National Institutes of Health to increase medication adherence among people living with HIV. Dr. Linnemayr joined the RAND Corporation after completing his position as postdoctoral research fellow at the Harvard School of Public Health.

## Multilevel Prevention Trial of Alcohol Use Among Native American and White High School Students in the Cherokee Nation

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**Kelli Komro, Ph.D.,  
M.P.H.**

*Director of Graduate  
Studies; Professor,  
Behavioral Sciences and  
Health Education and  
Epidemiology, Rollins  
School of Public Health,  
Emory University*



Kelli Komro, Ph.D., M.P.H., is a professor of behavioral sciences and health education, with a joint appointment in epidemiology, in the Rollins School of Public Health of Emory University in Atlanta. She is a social and behavioral epidemiologist with two decades of experience as principal investigator (PI) or co-PI of large-scale group-randomized trials evaluating effects of community and policy strategies to promote child and adolescent health and reduce health disparities.

She has been recognized for her teaching and mentoring as recipient of the University of Florida College of Medicine Exemplary Teacher Award, the Society for Prevention Research mentoring award, and the American Public Health Association's Student Caucus mentor of the year award. She is a member of Delta Omega Society, the honorary public health society.

Dr. Komro has held academic positions at the University of Minnesota and the University of Florida, where she served as Associate Director of the Institute for Child Health Policy.

# Speaker Biographies

## Panel 2: Behavioral Neuroscience

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### Brain Avoidance Circuits and Addiction

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**Paul Kenny, Ph.D.**

*Ward-Coleman Professor  
and Chair, The Fishberg  
Department of Neuro  
science, Icahn School of  
Medicine at Mount Sinai*



Paul Kenny, Ph.D., is the Ward-Coleman Professor and Chairman of the Department of Neuroscience at the Icahn School of Medicine at Mount Sinai. Dr. Kenny also serves as the Director of the Drug Discovery Institute at Mount Sinai. His research is focused on understanding the molecular neurobiology of drug addiction, obesity, and schizophrenia.

He has received numerous awards for his research, including the Jacob P. Waletzky Memorial Award from the Society for Neuroscience, a Distinguished Investigator Award from the National Alliance for Research on Schizophrenia and Depression (NARSAD), and the Tom Connor Distinguished Investigator Award from Neuroscience Ireland. Dr. Kenny is a handling editor for *The Journal of Neuroscience* and serves as a member of the National Advisory Council on Alcohol Abuse and Alcoholism. His work has been featured prominently in the news media, including *Time* magazine, *Scientific American*, and other outlets.

Dr. Kenny is a graduate of Trinity College in Dublin, where he earned a degree in Biochemistry. He completed his Ph.D. in Neuroscience at King's College London, and his postdoctoral training at The Scripps Research Institute in La Jolla, California.



## Action-Consequence Decision Making and Effects of Cocaine

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**Shannon Gourley,  
Ph.D.**

*Assistant Professor,  
Department of Pediatrics,  
Emory University*



Shannon Gourley, Ph.D., is an assistant professor in the Department of Pediatrics at Emory University's School of Medicine. Dr. Gourley's research team focuses on issues of depression and addiction, with a particular focus on adolescence. Her team uses behavioral, pharmacological, biochemical, genetic and cellular approaches to develop and optimize novel therapeutic interventions for vulnerable adolescent populations. Her research team also aims to better understand the neurobiological mechanisms of resilience to stressors and drugs of abuse at any age.

Dr. Gourley completed her doctoral and postdoctoral trainings at Yale University. Her early independent research at Emory University was supported by an Emory Egleston Children's Research Center fellowship, an NIMH BRAINS award, and she was named the Katherine Deschner Family NARSAD Investigator for 2012–14.

## How Does Social Behavior Change the Brain?

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**Russell Fernald, Ph.D.**  
*Benjamin Scott Crocker  
Professor of Human  
Biology, Stanford  
University*



Russell Fernald, Ph.D., is the Benjamin Scott Crocker Professor of Human Biology at Stanford University. He joined the Stanford faculty in 1991 from the University of Oregon, where he was a founding member and director of the Institute for Neuroscience. His research is focused on how social behavior influences the brain.

Over the past several years, he has focused his attention on understanding how behavior changes the brain. Using a range of techniques from behavior to molecular biology, he traces the outcome of social contests to understand how the brain changes in response to the immediate environment.

Dr. Fernald received his Ph.D. in Biophysics from the University of Pennsylvania. He is the recipient of the Javits Neuroscience Investigator Award, was named a Fellow in the American Association of Arts and Sciences, and he received the prestigious Rank Prize for work on understanding how vertebrate lenses function. He has also received several awards for his contributions to undergraduate education at Stanford University, including a Bing Fellowship, the Allen V. Cox medal for fostering undergraduate students' interest in research, and the Lloyd W. Dinkelspiel Award for distinctive contribution to undergraduate education.

### Opioid Use and Mortality in Rural and Small-Town America

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**Shannon Monnat,  
Ph.D.**

*Lerner Chair of Public  
Health Promotion and  
Associate Professor  
of Sociology, Maxwell  
School of Citizenship  
and Public Affairs,  
Syracuse University*



Shannon Monnat, Ph.D., is the Lerner Chair of Public Health Promotion and Associate Professor of Sociology in the Maxwell School of Citizenship and Public Affairs at Syracuse University. She is also a senior research associate in the Center for Policy Research at Syracuse University and a fellow at the Carsey School of Public Policy at the University of New Hampshire.

Dr. Monnat's research includes demographic and epidemiological studies of social and spatial predictors of and variation in opioid abuse and other "diseases and deaths of despair," racial/ethnic and geographic disparities in health insurance coverage, health care access and utilization, and policy effects on health and well-being. Much of her research is focused on rural people and places.

She has published more than 50 peer-reviewed academic journal articles, book chapters, research briefs, and reports, and has presented more than 90 scientific papers to national and international academic, policymaker, and public audiences. Her research has been funded by the Robert Wood Johnson Foundation, the U.S. Department of Agriculture, the National Institute of Justice, and the Institute for New Economic Thinking. She also was a recipient of a NIMHD Loan Repayment Program Award.

## Social Stress and Chronic Diseases of Aging: A New Life Course Approach to Biosocial Linkages

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**Yang Claire Yang,  
Ph.D.**

*Professor, Department  
of Sociology, Lineberger  
Comprehensive Cancer  
Center; Faculty Fellow,  
Carolina Population  
Center, The University of  
North Carolina at  
Chapel Hill*



Yang Claire Yang, Ph.D., is a professor in the Department of Sociology and the Lineberger Comprehensive Cancer Center and Faculty Fellow at the Carolina Population Center at the University of North Carolina at Chapel Hill. Dr. Yang received her Ph.D. in Sociology from Duke University. She started her academic career as Assistant Professor in the Sociology Department, Population Research Center and Center on Aging at NORC at the University of Chicago.

Dr. Yang is a biodemographer, medical sociologist, and social statistician interested in health, aging, and quantitative methodology. She conducts transdisciplinary research that aims to explicate the life course process by which social forces and biological factors jointly contribute to health disparities and to uncover how it is that exposures and experiences “get under the skin” to manifest in health difference. She has published extensively on new statistical methodologies of cohort analysis and social differentials of health and aging across such disciplines as demography, epidemiology, gerontology, and sociology. She received major professional awards for innovative and impactful work in these areas, including the 2014 Early Achievement Award from the Population Association of America.

## Socioeconomic Disadvantage, Gestational Immune Activity, and Children’s Neurocognitive Development

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**Stephen Gilman,  
Sc.D.**

*Investigator and Acting  
Chief, Health Behavior  
Branch, Division of Intra  
mural Population Health  
Research, NICHD*



Stephen Gilman, Sc.D., is Investigator and Acting Chief of the Health Behavior Branch in the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development Division of Intramural Population Health Research and is appointed as Adjunct Professor in the Department of Mental Health at Johns Hopkins Bloomberg School of Public Health. Dr. Gilman received his Doctor of Science degree in Health and Social Behavior from the Harvard School of Public Health and received postdoctoral training in Behavioral Medicine at Brown University Medical

School. Prior to joining the Intramural Research Program, Dr. Gilman served on the faculty of the Harvard T. H. Chan School of Public Health.

He is a social epidemiologist focusing on inequalities in major mental disorders, trying to understand how they emerge and persist over the life course. His research seeks to address the problem of social inequalities by investigating the early childhood determinants of common mental disorders. Dr. Gilman’s research demonstrates the importance of the childhood environment for the onset and subsequent recurrence of major depression in adults. Dr. Gilman is co-investigator of the New England Family Study.

# Nominated NIH-Funded Research

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The intention of the NIH Behavioral and Social Sciences Research Festival is to highlight the diverse and exciting research being done throughout the NIH, both through extramural grants and within intramural laboratories. Although the event could accommodate only nine speakers, the table below includes a list of 62 researchers who were nominated by their respective NIH Institutes and Centers (ICs) to highlight behavioral and social sciences research supported by that IC. To be included, the research must have been conducted within the previous 2 years (FY 2016–2017). The following list is organized by Institute.

**This year's nine selected presenters are indicated by an asterisk (\*).**

[NCI](#) | [NCCIH](#) | [NHGRI](#) | [NIA](#) | [NIAAA](#) | [NICHD](#) | [NIDCR](#) | [NIDA](#) | [NIEHS](#) | [NIMH](#) | [NINDS](#)  
| [NINR](#) | [ORWH](#) |

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## National Cancer Institute (NCI)

### **Elva Arredondo, Ph.D.**

**Project Title:** Promoting Physical Activity in Churchgoing Latinas

**Key Publication:** [Fe en Acción: Promoting Physical Activity Among Churchgoing Latinas](#)

### **Antoine Bechara, Ph.D.**

**Project Title:** Neurocognitive Mechanisms of Decisions and Impulse Control in Nutrition Behavior

**Key Publication:** [Emotional Eating and Routine Restraint Scores Are Associated with Activity in Brain Regions Involved in Urge and Self-Control](#)

### **Edward Giovannucci, M.D., Sc.D.**

**Project Title:** Prospective Study of Diet and Cancer

**Key Publication:** [Preventable Incidence and Mortality of Carcinoma Associated with Lifestyle Factors Among White Adults in the United States](#)

### **Stanton Glantz, Ph.D.**

**Project Title:** Analysis of Tobacco Industry Documents

**Key Publication:** [Packaging Colour Research by Tobacco Companies: The Pack as a Product Characteristic](#)

### **Yusuf Hannun, M.D.**

**Project Title:** Lipidomics Core

**Key Publication:** [Substantial Contribution of Extrinsic Risk Factors to Cancer Development](#)

**Lisa Henriksen, Ph.D.**

**Project Title:** Monitoring and Assessing the Impact of Tax and Price Policies on U.S. Tobacco Use

**Key Publication:** [Standardized Tobacco Assessment for Retail Settings \(STARS\): Dissemination and Implementation Research](#)

**Brian Primack, M.D., Ph.D.**

**Project Title:** Prevalence, Trends, and Correlates of Waterpipe Tobacco Smoking Among U.S. University Students

**Key Publication:** [Social Media Use and Perceived Social Isolation Among Young Adults in the United States](#)

**Jennifer Steel, Ph.D.**

**Project Title:** Comprehensive Electronic Support System for Treatment of Cancer-Related Symptoms; Biobehavioral Pathways Linking Stress and Cancer Progression

**Key Publication:** [Sleep Duration Is Associated with Survival in Advanced Cancer Patients](#)

## National Center for Complementary and Integrative Health (NCCIH)

**A. Vania Apkarian, Ph.D.**

**Project Title:** Brain Mechanisms for Clinical Placebo in Chronic Pain

**Key Publication:** [Brain Connectivity Predicts Placebo Response Across Chronic Pain Clinical Trials](#)

**Daniel Cherkin, Ph.D.**

**Project Title:** Comparison of CAM and Conventional Mind-Body Therapies for Chronic Back Pain

**Key Publication:** [Cost-Effectiveness of Mindfulness-Based Stress Reduction Versus Cognitive Behavioral Therapy or Usual Care Among Adults with Chronic Low Back Pain](#)

**Sheldon Cohen, Ph.D.**

**Project Title:** Social Ties and Health: Aggregating Data from Five Viral-Challenge Trials

**Key Publication:** [Marital Status as a Predictor of Diurnal Salivary Cortisol Levels and Slopes in a Community Sample of Healthy Adults](#)

**Frederick Hecht, M.D.**

**Project Title:** Metabolic and Immunologic Effects of Meditation

**Key Publication:** [Effects of a Mindfulness-Based Weight Loss Intervention in Adults with Obesity: A Randomized Clinical Trial](#)

**Ted Kaptchuk, B.A.**

**Project Title:** Mentoring and Research in Placebo Studies, Asian Medicine, and CAM

**Key Publication:** [Open-Label Placebo Treatment in Chronic Low Back Pain: A Randomized Controlled Trial](#)

## Nominated NIH-Funded Research — Continued

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### **\*Eric Lenze, M.D., and Julie Wetherell, Ph.D.**

**Project Title:** Mindfulness-Based Stress Reduction and Cognitive Function in Stress and Aging

**Key Publication:** [Plasma REST: A Novel Candidate Biomarker of Alzheimer's Disease Is Modified by Psychological Intervention in an At-Risk Population](#)

### **Robert Saper, M.D., M.P.H.**

**Project Title:** Yoga Versus Physical Therapy for Chronic Low Back Pain in Minority Populations

**Key Publication:** [Yoga, Physical Therapy, or Education for Chronic Low Back Pain: A Randomized Noninferiority Trial](#)

## **National Human Genome Research Institute (NHGRI)**

### **Kelvin Choi, Ph.D.**

**Project Title:** Understanding and Reducing Health Disparities Through Social and Behavioral Research

**Key Publication:** [E-Cigarette Use Among Florida Youth With and Without Asthma](#)

### **Wendy Henderson, Ph.D.**

**Project Title:** Early Life Experience Imprints Gut Microbiome in Preterm Infants

**Key Publication:** [Gut Microbiome and Infant Health: Brain-Gut-Microbiota Axis and Host Genetic Factors](#)

### **Philip Shaw, Ph.D.**

**Project Title:** The Neurobehavioral, Environmental, and Genetic Factors Impacting ADHD

**Key Publication:** [Combining Epidemiological and Neurobiological Perspectives to Characterize the Lifetime Trajectories of ADHD](#)

## **National Institute on Aging (NIA)**

### **Edith Chen, Ph.D.**

**Project Title:** Changes in Daily Stress and Well-Being: The MIDUS Refresher Cohort; Personality and Well-Being Trajectories in Adulthood

**Key Publication:** [Association of Reports of Childhood Abuse and All-Cause Mortality Rates in Women](#)

### **Michael Gurven, Ph.D.**

**Project Title:** The Human Life Course and the Biodemography of Aging

**Key Publication:** [Coronary Atherosclerosis in Indigenous South American Tsimane: A Cross-Sectional Cohort Study](#)



### **Brian Nosek, Ph.D.**

**Project Title:** Community Developing and Supporting Practices to Increase Replicability of Scientific Findings

**Key Publication:** [Badges to Acknowledge Open Practices: A Simple, Low-Cost, Effective Method for Increasing Transparency](#)

### **Jenny Tung, Ph.D.**

**Project Title:** Stress and the Genome: Testing the Impact of Social Effects on Gene Regulation

**Key Publication:** [Social Status Alters Immune Regulation and Response to Infection in Macaques](#)

### **\*Yang Claire Yang, Ph.D.**

**Project Title:** Sex Differences in Health and Longevity: A Social and Biodemographic Approach

**Key Publication:** [Social Relationships and Physiological Determinants of Longevity Across the Human Life Span](#)

## **National Institute on Alcohol Abuse and Alcoholism (NIAAA)**

### **Kate Carey, Ph.D.**

**Project Title:** Brief Alcohol Interventions by Counselor versus Computer

**Key Publication:** [Impulsive Personality Traits and Alcohol Use: Does Sleeping Help with Thinking?](#)

### **James Fell, M.S.**

**Project Title:** Effects of Three Underage Drinking Laws on Youth Traffic Fatalities

**Key Publication:** [Evaluation of a Responsible Beverage Service and Enforcement Program: Effects on Bar Patron Intoxication and Potential Impaired Driving by Young Adults](#)

### **\*Kelli Komro, Ph.D., M.P.H.**

**Project Title:** Cherokee Nation Prevention Trial: Interactive Effects of Environment and Screening, Brief Interaction and Referral to Treatment

**Key Publication:** [Multilevel Prevention Trial of Alcohol Use Among American Indian and White High School Students in the Cherokee Nation](#)

### **Linda Sobell, Ph.D.**

**Project Title:** Promoting Self-Change from Alcohol Problems: Mechanisms of Change in a Community

**Key Publication:** [Two Brief Measures of Alcohol Use Produce Different Results: AUDIT-C and Quick Drinking Screen](#)

## ***Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD)**

### **\*Stephen Gilman, Sc.D.**

**Project Title:** A Six-Decade Study of Social and Behavioral Inequalities in Premature Mortality

**Key Publication:** [Socioeconomic Disadvantage, Gestational Immune Activity, and Neurodevelopment in Early Childhood](#)

### **\*Shannon Monnat, Ph.D.**

**Project Title:** Population Research Institute

**Key Publication:** [Examining Rural/Urban Differences in Prescription Opioid Misuse Among U.S. Adolescents](#)

## **National Institute of Dental and Craniofacial Research (NIDCR)**

### **Sandeep Datta, M.D., Ph.D.**

**Project Title:** Characterizing Odor Maps in the Olfactory Bulb and Cortex

**Key Publication:** [A Family of Non-GPCR Chemosensors Defines an Alternative Logic for Mammalian Olfaction](#)

### **Daniel McNeil, Ph.D.**

**Project Title:** Factors Contributing to Oral Health Disparities in Appalachia

**Key Publication:** [Depression and Rural Environment Are Associated with Poor Oral Health Among Pregnant Women in Northern Appalachia](#)

### **Vivek Shetty, D.D.S., D.M.D.**

**Project Title:** Oral and Dental Consequences of Methamphetamine Use

**Key Publication:** [A Comparison of Methamphetamine Users to a Matched NHANES Cohort: Propensity Score Analyses for Oral Health Care and Dental Service Need](#)

## **National Institute on Drug Abuse (NIDA)**

### **Robert Edwin Booth, Ph.D.**

**Project Title:** Peer Leaders as HIV Risk Reduction Change Agents Among IDUs in Ukraine

**Key Publication:** [HIV Incidence Among People Who Inject Drugs in Ukraine: Results from a Clustered Randomized Trial](#)

### **Camron Bryant, Ph.D.**

**Project Title:** Genetic Basis of Binge Eating and Its Motivational Components in a Reduced Complexity Cross

**Key Publication:** [Cytoplasmic FMR1-Interacting Protein 2 Is a Major Genetic Factor Underlying Binge Eating](#)

**Lillian Gelberg, M.D.**

**Project Title:** Preventing Drug Use in Low-Income Clinic Populations

**Key Publication:** [Project QUIT \(Quit Using Drugs Intervention Trial\): A Randomized Controlled Trial of a Primary Care–Based Multi-Component Brief Intervention to Reduce Risky Drug Use](#)

**\*Shannon Gourley, Ph.D.**

**Project Title:** Commonalities and Vulnerabilities in Context-Induced Reward Seeking and Habits

**Key Publication:** [Connections of the Mouse Orbitofrontal Cortex and Regulation of Goal-Directed Action Selection by Brain-Derived Neurotrophic Factor](#)

**Todd Heatherton, Ph.D.**

**Project Title:** Neural Predictors of Self-Regulation Failure and Success for Appetitive Behavior

**Key Publication:** [Genetic Risk for Obesity Predicts Nucleus Accumbens Size and Responsivity to Real-World Food Cues](#)

**\*Paul Kenny, Ph.D.**

**Project Title:** Mechanisms of Nicotine Reinforcement

**Key Publication:** [GLP-1 Acts on Habenular Avoidance Circuits to Control Nicotine Intake](#)

**Steve Yantis, Ph.D., and Susan Courtney-Faruqee, Ph.D.**

**Project Title:** Cortical and Subcortical Mechanisms of Human Cognitive Control

**Key Publication:** [Spontaneous Fluctuations in the Flexible Control of Covert Attention](#)

## National Institute of Environmental Health Sciences (NIEHS)

**David Abramson, Ph.D., M.P.H.**

**Project Title:** Demographic and Health Disparities in Recovery from Hurricane Katrina: KATRINA@10

**Key Publication:** [Application of a Theoretical Model Toward Understanding Continued Food Insecurity Post Hurricane Katrina](#)

**Jada Brooks, Ph.D., M.P.S.H., R.N.**

**Project Title:** Inflammatory Markers, Hazardous Air Pollutants, and Psychosocial Factors

**Key Publication:** [Birthing and Parenting a Premature Infant in a Cultural Context](#)

**Daniela Friedman, Ph.D.**

**Project Title:** Strategies for Communicating the Environmental Risks of Cancer

**Key Publication:** [Talking About Your Prostate: Perspectives from Providers and Community Members](#)

## Nominated NIH-Funded Research — Continued

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### **Belinda Needham, Ph.D., M.A.**

**Project Title:** Stress, Gene-Environment Interaction, and Cardiovascular Disease

**Key Publication:** [Life Course Socioeconomic Status and DNA Methylation in Genes Related to Stress Reactivity and Inflammation: The Multi-Ethnic Study of Atherosclerosis](#)

### **Nancy Schoenberg, Ph.D.**

**Project Title:** Community-Engaged Research and Action to Reduce Respiratory Disease in Appalachia

**Key Publication:** [Rural Religious Leaders' Perspectives on their Communities' Health Priorities and Health](#)

### **Amy Schulz, Ph.D.**

**Project Title:** Community Action to Promote Healthy Environments

**Key Publication:** [Neighborhood Context, Homeownership, and Home Value: An Ecological Analysis of Implications for Health](#)

## **National Institute of Mental Health (NIMH)**

### **\*Sebastian Linnemayr, Ph.D.**

**Project Title:** Variable Rewards Incentives for ART Adherence in Uganda

**Key Publication:** [Behavioral Economic Incentives to Improve Adherence to Antiretrovirals: Early Evidence from a Randomized Controlled Trial in Uganda](#)

## **National Institute of Neurological Disorders and Stroke (NINDS)**

### **Sydney Cash, M.D., Ph.D.**

**Project Title:** Understanding the Neural Basis of Volitional State Through Continuous Recordings in Humans

**Key Publication:** [Widespread Brain Areas Engaged During a Classical Auditory Streaming Task Revealed by Intracranial EEG](#)

### **\*Russell Fernald, Ph.D.**

**Project Title:** How Social Behavior Changes the Brain

**Key Publication:** [Cognitive Skills and the Evolution of Social Systems](#)

## **National Institute of Nursing Research (NINR)**

### **Donna Berry, Ph.D., R.N., AOCN, FAAN**

**Project Title:** Personal Patient Profile-Prostate: Testing and Implementation in Health Networks

**Key Publication:** [Decision Support with the Personal Patient Profile-Prostate: A Multicenter Randomized Trial](#)

**Yoshimi Fukuoka, Ph.D., R.N.**

**Project Title:** Cell Phone–Based Physical Activity Program in Sedentary Women and Men

**Key Publication:** [A Novel Diabetes Prevention Intervention Using a Mobile App: A Randomized Controlled Trial with Overweight Adults at Risk](#)

**Margaret Grey, Dr.PH., R.N., FAAN, and Robin Whittemore, Ph.D., A.P.R.N., FAAN**

**Project Title:** Preventive Psycho-Education for Youth with Type 1 Diabetes

**Key Publication:** [General and Diabetes-Specific Stress in Adolescents with Type 1 Diabetes](#)

**Christopher Lee, Ph.D., R.N., FAHA, FAAN, FHFSa**

**Project Title:** Profiling Biobehavioral Responses to Mechanical Support in Advanced Heart Failure

**Key Publication:** [Implant Strategy-Specific Changes in Symptoms in Response to Left Ventricular Assist Devices](#)

**Linda Tickle-Degnen, Ph.D.**

**Project Title:** The Emergence and Evolution of Social Self-Management of Parkinson’s Disease

**Key Publication:** [Stigma as a Key Determinant of Health-Related Quality of Life in Parkinson’s Disease](#)

## Office of Research on Women’s Health (ORWH)

**Carmen Alvarez, Ph.D., R.N., CRNP, CNM**

**Project Title:** BIRCWH Fellow

**Key Publication:** [Provider Screening and Counseling for Intimate Partner Violence: a Systematic Review of Practices and Influencing Factors](#)

**Dara Babinski, Ph.D.**

**Project Title:** BIRCWH Fellow

**Key Publication:** [Parent-Reported Improvements in Family Functioning in a Randomized Controlled Trial of Lisdexamfetamine for Treatment of Parental Attention-Deficit/Hyperactivity Disorder](#)

**Christal Badour, Ph.D.**

**Project Title:** BIRCWH Fellow

**Key Publication:** [The Role of Disgust in PTSD: A Critical Review of the Empirical Literature](#)

**Amanda Fallin-Bennett, Ph.D.**

**Project Title:** BIRCWH Fellow

**Key Publication:** [Perceptions of Electronic Cigarettes Among Medicaid-Eligible Pregnant and Postpartum Women](#)

## Nominated NIH-Funded Research — Continued

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### **Sarah Gray, Ph.D.**

**Project Title:** BIRCWH Fellow

**Key Publication:** [Young Children’s Physiological Reactivity During Memory Recall: Associations with Posttraumatic Stress and Parent Physiological Synchrony](#)

### **Vasiliki Michopoulos, Ph.D.**

**Project Title:** Building Interdisciplinary Research Careers in Women’s Health (BIRCWH) Fellow

**Key Publication:** [Psychophysiology and Posttraumatic Stress Disorder Symptom Profile in Pregnant African-American Women with Trauma Exposure](#)

### **Mairead Moloney, Ph.D.**

**Project Title:** BIRCWH Fellow

**Key Publication:** [“Sometimes, It’s Easier to Write the Prescription”: Physician and Patient Accounts of the Reluctant Medicalization of Sleeplessness](#)

### **Jylana Sheats, Ph.D., M.P.H.**

**Project Title:** BIRCWH Fellow

**Key Publication:** [FEAST: Empowering Community Residents to Use Technology to Assess and Advocate for Healthy Food Environments](#)

### **Carolyn Sufrin, M.D., Ph.D.**

**Project Title:** BIRCWH Fellow

**Key Publication:** [Family Planning Services for Incarcerated Women: Models for Filling an Unmet Need](#)

# NIH Behavioral and Social Sciences Research Coordinating Committee

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The National Institutes of Health (NIH) Behavioral and Social Sciences Research Coordinating Committee (BSSR-CC) was established to enhance information exchange, communication, integration, and coordination of behavioral and social sciences research/training activities at the NIH. Formerly known as the NIH Health and Behavior Coordinating Committee, the committee's name was changed in 1996 to emphasize its relationship with the Office of Behavioral and Social Sciences Research, Office of the Director, NIH. The NIH Institute/Center Directors participate in the Coordinating Committee through their appointment of a member and an alternate.

## **For additional information about the BSSR-CC, please contact—**

[Kathryn Morris, M.P.H.](#)

BSSR-CC Executive Secretary

Health Science Policy Analyst

Office of Behavioral and Social Sciences Research

## **Current Institute, Center, and Office Representatives**

### **National Cancer Institute**

[William Klein, Ph.D.](#), Associate Director, Behavioral Research Program

[Susan Czajkowski, Ph.D.](#), Chief, Health Behaviors Research (Alternate)

[Paige Green, Ph.D., M.P.H.](#), Chief, Basic Biobehavioral and Psychological Sciences Branch (Alternate)

### **National Eye Institute**

[Cheri Wiggs, Ph.D.](#), Program Director, Perception and Psychophysics, Myopia and Refractive Errors, Low Vision and Blindness Rehabilitation

### **National Human Genome Research Institute**

[Laura Koehly, Ph.D.](#), Chief, Social and Behavioral Research Branch

[Dave Kaufman, Ph.D.](#), Program Director, Division of Genomics and Society (Alternate)

### **National Heart, Lung, and Blood Institute**

[Catherine Stoney, Ph.D.](#), Program Director, Division of Prevention and Population Sciences

[Sonia Arteaga, Ph.D.](#), Program Director, Clinical Applications and Prevention Branch (Alternate)

[Rebecca Campo, Ph.D.](#), Program Officer, Clinical Applications and Prevention Branch (Alternate)

### **National Institute on Aging**

[Lisbeth Nielsen, Ph.D.](#), Chief, Individual Behavioral Processes Branch

[Georgeanne Patmios, M.A.](#), Acting Chief, Population and Social Processes Branch (Alternate)

### **National Institute on Alcohol Abuse and Alcoholism**

[Marcia Scott, Ph.D.](#), Health Scientist Administrator, Division of Epidemiology and Prevention Research

[Anita Bechtholt, Ph.D.](#), Program Director, Division of Treatment and Recovery Research (Alternate)

# NIH Behavioral and Social Sciences Research Coordinating Committee

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## **National Institute of Allergy and Infectious Disease**

Edith Swann, Ph.D., Medical Officer/Nurse Consultant, Vaccine Clinical Research Branch

Sheryl Zwierski, M.S.N, CRNP, Acting Director, Prevention Sciences Program (Alternate)

## **National Institute on Arthritis and Musculoskeletal and Skin Diseases**

James Witter, M.D., Ph.D., Medical Officer, Rheumatic Diseases Clinical Program

## ***Eunice Kennedy Shriver* National Institute of Child Health and Human Development**

James Griffin, Ph.D., Deputy Chief, Child Development and Behavior Branch

Rosalind King, Ph.D., Health Scientist Administrator, Population Dynamics Branch (Alternate)

## **National Institute on Drug Abuse**

Moira O'Brien, Ph.D., Health Scientist Administrator, Epidemiology Research Branch

Shelley Su, Ph.D., Program Officer, Behavioral and Cognitive Neuroscience Branch (Alternate)

## **National Institute on Deafness and Other Communication Disorders**

Lana Shekim, Ph.D., Director, Voice and Speech Programs

Amy Poremba, Ph.D., Director, Central Pathways for Hearing and Balance Program (Alternate)

## **National Institute of Dental and Craniofacial Research**

Melissa Riddle, Ph.D., Chief, Behavioral and Social Sciences Research Branch

## **National Institute of Diabetes and Digestive and Kidney Disease**

Luke Stoeckel, Ph.D., Program Director, Division of Diabetes, Endocrinology, and Metabolic Diseases

Pamela Thornton, Ph.D., Program Director, Division of Diabetes, Endocrinology, and Metabolic Diseases (Alternate)

## **National Institute of Environmental Health Sciences**

Symma Finn, Ph.D., Health Scientist Administrator, Population Health Branch

## **National Institute of General Medical Services**

Susan Gregurick, Ph.D., Director, Division of Biomedical Technology, Bioinformatics, and Computational Biology

## **National Institute of Mental Health**

Janine Simmons, M.D., Ph.D., Program Chief, Affect, Social Behavior, and Social Cognition

## **National Institute of Minority Health and Health Disparities**

Courtney Aklin, Ph.D., Chief of Staff

Adelaida Rosario, Ph.D., Health Specialist (Alternate)

Meryl Sufian, Ph.D., Health Scientist Administrator (Alternate)



## **National Institute of Neurological Disorders and Stroke**

Debra Babcock, M.D., Ph.D., Program Director, Behavioral and Cognitive Neuroscience

## **National Institute of Nursing Research**

Augie Diana, Ph.D., Team Lead, Technology Including Small Business Research

## **National Library of Medicine**

Barbara Rapp, Ph.D., Chief, Office of Planning and Analysis

## **Center for Scientific Review**

Miriam Mintzer, Ph.D., Scientific Review Officer, Risk, Prevention, and Health Behavior

Stacey FitzSimmons, Ph.D., Scientific Review Officer, Risk, Prevention, and Health Behavior, Division of AIDS, Behavioral and Population Sciences (Alternate)

## **Fogarty International Center**

Marya Levintova, Ph.D., Program Officer, Division of International Training and Research

Laura Povlich, Ph.D., Program Officer, Division of International Training and Research (Alternate)

## **National Center for Advancing Translational Sciences**

Patricia Jones, Dr.P.H., M.P.H., Program Director, Division of Clinical Innovation

## **National Center for Complementary and Integrative Health**

Lanay Mudd, Ph.D., Program Director, Division of Extramural Research

## **Office of AIDS Research**

Paul Gaist, Ph.D., M.P.H., Coordinator and Health Scientist Administrator, Behavioral and Social Science Research

## **Office of Disease Prevention**

Dionne Godette, Ph.D., Health Scientist Administrator

David Tilley, M.P.H., M.S., CPH, Program Analyst (Alternate)

## **Office of Research on Women's Health**

Katrina Serrano, Ph.D., Health Scientist Administrator

Denise Stredrick, Ph.D., Health Scientist Administrator (Alternate)



National Institutes of Health  
*Office of Behavioral and Social Sciences Research*