

Jason Boardman, PhD
Associate Professor of Sociology, University of Colorado at Boulder
Faculty Associate, Institute for Behavioral Genetics
Associate Director, Colorado University Population Center



Dr. Boardman is a social demographer who received training in genetic epidemiology and statistical genetics through a K01 grant from the Eunice Kennedy Shriver National Institute of Child Health and Human Development. His research in social and genetic epidemiology has appeared in the *American Journal of Public Health*, *Demography*, *Journal of Health & Social Behavior*, *Behavior Genetics*, and *Social Science & Medicine*. He is the Principal Investigator of the first study to genotype the twin and sibling pairs of the National Longitudinal Study of Adolescent Health across the genome and to develop methods to examine genome-wide gene-environment interactions.

Paula Braveman, MD, MPH
Professor of Family and Community Medicine, School of Medicine
Director, Center on Social Disparities in Health
University of California, San Francisco



For more than 25 years, Dr. Braveman has published extensively on health disparities, health equity, and the social determinants of health and has engaged in bringing attention to these issues in the U.S. and internationally. Her research has focused on measuring, documenting, understanding, and addressing socioeconomic and racial/ethnic disparities in health. During the 1990s she worked with the World Health Organization to develop and implement a global initiative on equity in health and health care. She has served as Research Director for a national commission on the social determinants of health in the U.S. Throughout her career, she has collaborated with local, state, federal, and international health agencies to see rigorous research translated into practice with the goal of achieving greater equity in health. She was elected to the Institute of Medicine of the National Academy of Sciences in 2002.

Frank Hu, MD, MPH, PhD
Professor of Nutrition and Epidemiology, Harvard School of Public Health
Professor of Medicine, Harvard Medical School
and Brigham and Women's Hospital



Dr. Hu is Co-Director of the Program in Obesity Epidemiology and Prevention and Director of the Harvard Transdisciplinary Research in Energetics and Cancer (TREC) Center and the Epidemiology and Genetics Core of Boston Nutrition and Obesity Research Center (NORC). His research is focused on nutritional and lifestyle epidemiology and prevention of obesity and type 2 diabetes, as well as on gene-environment interactions. He has published more than 600 original papers and reviews and a textbook on the epidemiology of obesity. He is the recipient of the Kelly West Award for Outstanding Achievement in Epidemiology by the American Diabetes Association (2010). Dr. Hu is a member of the NHLBI Obesity Guideline Expert Panel and the USDA/HHS 2015 Dietary Guidelines Advisory Committee.

David Allison, PhD
Distinguished Professor and Associate Dean for Science, UAB School of Public Health
Quetelet Endowed Professor of Public Health



Dr. Allison is Associate Dean for Science, Director of the Office of Energetics, and Director of the Nutrition and Obesity Research Center (NORC). He holds several NIH grants, including one of the Common Fund's NIH Director's Transformative Research Award (TR01) titled "Energetics, Disparities, and Lifespan: A Unified Hypothesis." He has authored more than 450 scientific publications, edited 5 books, and received numerous awards. He chairs the International Life Science Institute (ILSI), North America. He was elected to the Institute of Medicine of the National Academies (2012) and was inducted into the Johns Hopkins Society of Scholars (2013).

Frank Franklin, MD, MPH, PhD
Professor Emeritus
UAB School of Public Health



Dr. Franklin is Professor Emeritus at the UAB School of Public Health, Department of Health Behavior. His research has included clinical trials in cardiovascular disease prevention and obesity treatment of children and adults, community interventions to increase fruit and vegetable intake in families, and cohort studies of adolescents for determinants of at-risk behaviors.

The **UAB MHRC** is a University-Wide Interdisciplinary Research Center, approved by the Board of Trustees of the University of Alabama System. It is a designated Center of Excellence in Health Disparities Research by the National Institute on Minority Health and Health Disparities (NIMHD). www.uab.edu/mhrc

The **Mid-South TCC** investigates the social, economic, cultural, and environmental factors driving and sustaining health disparities in obesity and chronic illnesses across the lifespan, and develops and implements interventions to ameliorate such disparities. www.uab.edu/MidSouthTCC

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UAB 9th ANNUAL HEALTH DISPARITIES RESEARCH SYMPOSIUM

Thursday, March 20, 2014 DoubleTree Hotel . 808 20th Street South . Birmingham, AL 35205

Program

INTEGRATING SOCIAL & BIOLOGICAL FACTORS
IN HEALTH DISPARITIES RESEARCH

EPIGENETICS
Epidemiology
Genetics

Health Behaviors Environment
Bio-Physiology

GENE-ENVIRONMENT INTERACTIONS HEALTH DISPARITIES
Social Determinants

SOCIAL CLASS





HEALTH DISPARITIES RESEARCH SYMPOSIUM

Integrating Social and Biological Factors in Health Disparities Research Thursday, March 20, 2014

Sponsored by the UAB Minority Health & Health Disparities Research Center (MHRC)
and the Mid-South Transdisciplinary Collaborative Center for Health Disparities Research (Mid-South TCC)

Event Time	Topic	Room Location
7:30 – 8:00 am	Registration and Breakfast	
8:00 – 9:00 am	POSTER SESSION	Heritage II
9:00 – 9:10 am	OPENING REMARKS Mona Fouad, MD, MPH Professor, UAB School of Medicine and Director, UAB Division of Preventive Medicine Director, UAB Minority Health & Health Disparities Research Center	Heritage I
9:10 – 10:00 am	KEYNOTE ADDRESS Where Health Disparities Begin: the Role of Social and Economic Determinants Paula Braveman, MD, MPH Professor, School of Medicine and Director, Center on Social Disparities in Health University of California, San Francisco	Heritage I
10:00 – 11:00 am	PLENARY SESSION I Gene-Environment Interactions and Disparities in Obesity and Diabetes Frank Hu, MD, MPH, PhD Professor of Nutrition and Epidemiology, Harvard School of Public Health Professor of Medicine, Harvard Medical School	Heritage I

BREAKOUT SESSIONS		
11:15 am – 12:30 pm	Basic Science and Epidemiology Moderator: Upender Manne, PhD, MS Professor, UAB School of Medicine, Pathology	Boardroom
1	SPEAKER Esther Suswam, DVM, PhD Assistant Professor, UAB School of Medicine, Neurology	TOPIC Molecular Profiles of Tristetraprolin and Growth Factors in Colorectal Cancers of African American and Caucasian American Patients
2	Balananda Putcha, PhD Senior Research Associate, UAB School of Medicine, Pathology, Anatomic Pathology	Racial Disparity in the TP53 Mutation Spectra in Triple-Negative Breast Cancers: Validation with TCGA Data
3	Shaniece Theodore, PhD Post-doctoral Fellow, UAB School of Health Professions, Nutrition Sciences	Genome-Wide MicroRNA Profiling of Novel African American and Caucasian Prostate Cancer Cell Lines
4	Christina Muzny, MD Assistant Professor, UAB School of Medicine, Infectious Diseases	Molecular Testing for Trichomonas Vaginalis and Correlates of Infection among Men and Women Attending a Sexually Transmitted Diseases Clinic in Alabama

BREAKOUT SESSIONS		
11:15 am – 12:30 pm	Social and Behavioral Science Moderator: Wendy Demark-Wahnefried, PhD, RD Professor and Webb Endowed Chair of Nutrition Sciences Associate Director, UAB Comprehensive Cancer Center	Centennial I
1	SPEAKER Sharon Fruh, PhD, RN, FNP-BC Associate Professor, The University of South Alabama, College of Nursing, Community-Mental Health Nursing	TOPIC Perceptions and Specific Behaviors Related to Pre-Planning Meal Practices with Individuals Residing in Health Disparity Zip Codes
2	Crystal Chapman Lambert, PhD, CRNP, FNP-BC Assistant Professor, UAB School of Nursing, Nursing, Community Health, Outcomes and Systems	Knowledge and Perceptions: HIV-Infected Women's Attitudes toward Cervical Cancer and Screening
3	Barbara Van Der Pol, PhD, MPH Associate Professor, UAB School of Medicine, Infectious Diseases	Racial Disparities in Sexually Transmitted Infection Rates and Associated Knowledge and STI Screening History
4	Gaynell Simpson, PhD, BSW, MSW Assistant Professor, The University of Alabama, Psychology, Center for Mental Health and Aging	Do Multiple Caregiving Roles and Elder Care Demands Make a Difference on African American Women's Self-Rated Health?
11:15 am – 12:30 pm	Social and Behavioral Science Moderator: Kenneth Saag, MD, MSc Professor, UAB School of Medicine, Clinical Immunology and Rheumatology	Centennial II
1	SPEAKER Tonya Breaux-Shropshire, PhD, MPH, RN Fellow, VA/UAB School of Medicine, Cardiology	TOPIC Blood Pressure Control among Low-Income African Americans: Are We Missing Important Opportunities?
2	Henna Budhwani, PhD, MPH Assistant Professor, UAB School of Public Health, Health Care Organization and Policy	Disparities in Depression across Race, Ethnicity, and Nativity
3	Magdalena Szafarski, PhD Assistant Professor, UAB College of Arts and Sciences, Sociology	The Social Determinants of Health in Epilepsy
4	Kerstin Schroder, PhD Associate Professor, UAB School of Public Health, Health Behavior	Ethnic and Gender Disparities in Obesity in NHANES 2001-2010: Socioeconomic and Behavioral Aspects
11:15 am – 12:30 pm	Social and Behavioral Science Moderator: Robert Weech-Maldonado, PhD, MBA Professor and L.R. Jordan Endowed Chair UAB School of Health Professions, Health Services Administration	Arlington
1	SPEAKER Edmond Kabagambe, DVM, MS, PhD, FAHA, FACE Associate Professor of Medicine, Vanderbilt University, Medicine, Epidemiology	TOPIC Is Marriage a Potential Intervention for Reducing Racial Disparities in Mortality?
2	Beverly Rosa Williams, PhD Assistant Professor, UAB School of Medicine, Gerontology, Geriatrics, and Palliative Care	The Religion-Health Connection among African Americans: The Role of Social Capital
3	Lisa McCormick, DrPH Assistant Professor, UAB School of Public Health, Health Care Organization and Policy	Addressing HIV-Related Stigma in Healthcare Settings in the South
4	Giyeon Kim, PhD Assistant Professor, The University of Alabama, Psychology, Center for Mental Health and Aging	Geographic Variation of Racial and Ethnic Differences in Satisfaction with and Perceived Benefits from Mental Health Services

BREAKOUT SESSIONS		
11:15 am – 12:30 pm	Community-Based Research Moderator: Edward Partridge, MD Professor, UAB School of Medicine, Obstetrics & Gynecology Director, UAB Comprehensive Cancer Center Co-Director, UAB Minority Health & Health Disparities Research Center	University
1	SPEAKER Tiffany Carson, PhD, MPH Assistant Professor, UAB School of Medicine, Preventive Medicine	TOPIC Community-Based Participatory Research Strategies for Enhanced Enrollment of Underserved Individuals for Bio-Specimen Research
2	Marjorie Icenogle, PhD Professor, The University of South Alabama, Mitchell College of Business, Management	Community-Based Collaborative Networks to Improve Disaster Resilience in Health Disparate Populations: A Case Study of Be Ready Alliance Coordinating for Emergencies (BRACE) of Escambia County, Florida
3	Jessica Williams, PhD, MPH Assistant Professor, UAB School of Health Professions, Health Services Administration	Pick It Up, Put It Down: A Grounded Theory Study of How African Americans in the South Start Smoking and Quit Smoking
4	Angela Jukkala, PhD, RN, CNL, CNE Associate Professor, UAB School of Nursing, Nursing, Community Health, Outcomes and Systems	Measuring Patient Activation During Pregnancy
12:30 pm	LUNCH BUFFET OPEN	Heritage II
1:00 – 2:00 pm	PLENARY SESSION II Incorporating Evidence from Gene-Environment Studies into Health Disparities Research in the United States Jason Boardman, PhD Associate Professor of Sociology, University of Colorado at Boulder Associate Director, Colorado University Population Center	Heritage I
2:00 – 2:15 pm	Oral and Poster Award Presentations Edward Partridge, MD Professor, UAB School of Medicine, Obstetrics & Gynecology; Director, UAB Comprehensive Cancer Center; Co-Director, UAB Minority Health & Health Disparities Research Center	Heritage I
2:15 – 3:15 pm	PANEL DISCUSSION: Pushing the Frontier in the Study of Gene-Environment Interactions	Heritage I
	MODERATOR: Frank Franklin, MD, MPH, PhD Professor Emeritus, UAB School of Public Health PANELISTS: David Allison, PhD Distinguished Professor and Associate Dean for Science, Quetelet Endowed Professor of Public Health, UAB School of Public Health Jason Boardman, PhD Associate Professor, University of Colorado at Boulder, Associate Director, Colorado University Population Center Paula Braveman, MD, MPH Professor of Family and Community Medicine and Director, Center of Social Disparities in Health, University of California, San Francisco Frank Hu, MD, MPH, PhD Professor of Nutrition and Epidemiology, Harvard School of Public Health, Professor of Medicine, Harvard Medical School	
3:15 – 3:30 pm	CONCLUDING REMARKS	Heritage I

Scientific Planning Committee
Mona Fouad, MD, MPH . Linda Moneyham, DNS, RN, FAAN . Edward Partridge, MD . Robert Weech-Maldonado, PhD, MBA

The UAB Health Disparities Research Symposium is an annual forum designed to keep scientists at UAB and other academic institutions across the South, including key minority institutions, at the forefront of health disparities research. The event highlights the work of investigators in basic science and clinical, behavioral, social, and community-based research at it relates to health disparities, enabling scholars to share ideas and build connections in the scientific community. The symposium works hand in hand with other programs of the UAB Minority Health & Health Disparities Research Center to encourage investigators to enter the field of health disparities research. **Thank you for your participation and support.**