

Participant Biographies

Workshop on Research Gaps and Opportunities for Exploring the Relationship Of the Arts to Health and Well-Being in Older Adults

Sept 14, 2012

Steering Committee Members

David Reuben (Chair)

David Reuben is Director, Multicampus Program in Geriatrics Medicine and Gerontology and Chief, Division of Geriatrics at the University of California, Los Angeles (UCLA) Center for Health Sciences. He is the Archstone Foundation Chair and Professor at the David Geffen School of Medicine at UCLA and Director of the UCLA Claude D. Pepper Older Americans Independence Center and the UCLA Alzheimer's and Dementia Care program. He sustains professional interests in clinical care, education, research and administrative aspects of geriatrics, maintaining a clinical primary care practice of frail older persons and attending on inpatient and geriatric psychiatry units at UCLA. He has won 7 awards for excellence in teaching. Dr. Reuben's current research interests include redesigning the office visit to improve health care quality and measurement of how older adults function. His bibliography includes more than 190 peer-reviewed publications in medical journals, 33 books and numerous chapters. He is lead author of the widely distributed book, *Geriatrics at Your Fingertips*. In 2000, Dr. Reuben received the Dennis H. Jahnigen Memorial Award for outstanding contributions to education in the field of geriatrics and, in 2008, he received the Joseph T. Freeman Award from the Gerontological Society of America. He was part of the team that received the 2008 John M. Eisenberg Patient Safety and Quality Award for Research – Joint Commission and National Quality Forum, for Assessing Care of the Vulnerable Elderly. In 2012, he received the Henderson award from the American Geriatrics Society. Dr. Reuben is a past President of the American Geriatrics Society and the Association of Directors of Geriatric Academic Programs. He served for 11 years on the Geriatrics Test Writing Committee for the American Board of Internal Medicine (ABIM) and for 8 years on the ABIM's Board of Directors of the, including as Chair from 2010-2011. In his spare time, Dr. Reuben has written plays on end-of-life decision-making, Lyndon Johnson and the civil rights movement, vaccines and autism, and a comedy. With composer Sidney Sharp, he has written the lyrics to over a dozen songs.

Sandra E. Crewe

Sandra Edmonds Crewe is a professor for Howard University, Washington, DC. She is a member of the faculty of the School of Social Work Graduate School of Arts and Sciences. Dr. Crewe is the Director of the Multidisciplinary Center for Social Gerontology at Howard University. She primarily conducts research and publishes in the areas of aging, caregiving, and kinship care.

Arthur Kramer

Art Kramer is Director, Beckman Institute for Advanced Science and Technology, and Swanlund Chair in Psychology and Neuroscience at the University of Illinois. His main research focus is on understanding and enhancing cognitive and brain plasticity across the lifespan. Kramer has expertise in intervention design and implementation (with behavioral and neuroimaging measures), longitudinal studies, and outcomes measurement.

Nina Kraus

Nina Kraus is Hugh Knowles Professor of neurobiology and physiology at Northwestern University. She investigates the neurobiology underlying speech and music perception and learning-associated brain plasticity. She studies normal listeners throughout the lifespan, clinical populations (poor-readers; autism; hearing loss), auditory experts (musicians, bilinguals) and an animal model. In addition to being a pioneering thinker who bridges multiple disciplines (aging, development, literacy, music, and learning). Dr. Kraus is a technological innovator who roots her research in translational science. Visit www.brainvolts.northwestern.edu.

Becca Levy

Becca Levy is Associate Professor of Epidemiology and Psychology and Director of the Social and Behavioral Sciences Division in the Yale School of Public Health. She explores psychosocial influences on aging. In particular, she has led a new area of research on how older individuals' age stereotypes affect their cognition and health. She studies the impact of interventions on a variety of outcomes in older individuals including memory, physical performance and cardiovascular response to stress. In addition, Professor Levy examines how psychosocial factors influence recovery and survival in old age. This research has led to her receiving a number of awards that include: the Springer Award for Early Career Achievement in Adult Development and Aging from the American Psychological Association; the Margret M. Baltes Award for Early Career Contributions in Behavioral and Social Gerontology from the Gerontological Society of America; the Brookdale National Fellowship for Leadership in Aging; and the International Mensa Foundation New Investigator Award for Excellence in Research. Her research is supported by the National Institute on Aging and the National Heart, Lung and Blood Institute.

Helga Noice

Helga Noice is Professor of Psychology at Elmhurst College in Elmhurst, Illinois. Dr. Noice teaches a range of courses, including cognition, research methods, and statistics. Her research interests include expertise, text processing and healthy aging. She and her husband (a professor of theater) have planned, implemented and executed an extensive series of studies using theater involvement to provide cognitive enhancement for older adults. This work has been supported by four NIA grants as well as grants from NSF, the PEW Charitable Trust, the Elizabeth Morse Charitable Trust, and the Schweizer Nationalfond (Swiss NSF). The Noice/Noice collaboration is one of the (two) hallmark series of studies of the impact of the arts on health and well-being outcomes for older individuals. In 2010, the Noices received the Inaugural Gene Cohen Creative Aging Research Award.

Welcoming Workshop Sponsors

Marie A. Bernard

Marie A. Bernard is the Deputy Director of the National Institute on Aging, a position she has held since October 12, 2008. She was formerly the Donald W. Reynolds Chair in Geriatric Medicine, and Professor and Chairman of the Donald W. Reynolds Department of Geriatric Medicine at the University of Oklahoma College of Medicine. She served as the Associate Chief of Staff for Geriatrics and Extended Care at the Oklahoma City Veterans Affairs Medical Center. She has been President of the Association of Directors of Geriatric Academic Programs and President of the Association for Gerontology in Higher Education.

Dr. Bernard's research interests include nutrition and function in aging populations, with particular emphasis upon ethnic minorities. She has had a long-standing interest in comparative effectiveness research, having served as a reviewer for the Agency for Healthcare Policy and Research (now Agency for Health Research Quality) and a reviewer for the Department of Veterans Affairs (VA) Scientific Review Committee, Health Services Research and Development Service. Dr. Bernard has also served on the Health Services Research & Development Steering Committee on Racial Variations in VA Health Care, and the VA Advisory Committee for Multicultural Studies in Health Care.

She was a member of the National Advisory Council for the National Institute of Aging, having chaired the Minority Task Force during her tenure. She has also served on the following national committees: Member, Institute of Medicine Committee, The Future Health Care Workforce for Older Americans; Chair, National Research Advisory Council, Department of Veterans Affairs; Board of Directors, American Geriatrics Society; Board of Directors, Alliance for Aging Research; Board of Directors, International Longevity Center; Editorial Board, Journal of Gerontology – Medical Sciences; Editorial Board, The Gerontologist. She is past chair of the Clinical Medicine Section (now Health Sciences Section) of the Gerontological Society of America.

Dr. Bernard received her undergraduate training at Bryn Mawr College, where she graduated cum laude with Honors in Chemistry. She earned her M.D. from University of Pennsylvania. She trained in internal medicine at Temple University Hospital in Philadelphia, PA, where she also served as chief resident. She has received additional training through the AAMC Health Services Research Institute, the Geriatric Education Center of Pennsylvania, and the Wharton School Executive Development program.

Constance F. Citro

Constance F. Citro is director of the Committee on National Statistics, a position she has held since May 2004. She previously served as acting chief of staff (December 2003-April 2004) and as senior study director (1986-2003). She began her career with CNSTAT in 1984 as study director for the panel that produced *The Bicentennial Census: New Directions for Methodology in 1990*. Dr. Citro received her B.A. in political science from the University of Rochester, and M.A. and Ph.D. degrees in political science from Yale University. Prior to joining CNSTAT, she held positions as vice president of Mathematica Policy Research, Inc., and Data Use and Access Laboratories, Inc. She was an American Statistical Association/National Science Foundation/Census research fellow in 1985-1986, and is a fellow of the American Statistical Association and an elected member of the International Statistical Institute. For CNSTAT, she directed evaluations of the 2000 census, the Survey of Income and Program Participation, microsimulation models for social welfare programs, and the NSF science and engineering personnel data system, in addition to studies on institutional review boards and social science research, estimates of poverty for small geographic areas, data and methods for retirement income modeling, and a new approach for measuring poverty. She coedited the 2nd – 4th editions of *Principles and Practices for a Federal Statistical Agency*, and contributed to studies on measuring racial discrimination, expanding access to research data, the usability of estimates from the American Community Survey, the National Children's Study research plan, and the Census Bureau's 2010 census program of experiments and evaluations.

Sunil Iyengar

Sunil Iyengar directs the Office of Research & Analysis at the National Endowment for the Arts. Since his arrival at the NEA in June 2006, the office has produced more than 20 research publications, hosted several research events and webinars, launched a research grants program, updated the NEA's five-year strategic plan, and revised and expanded a federal survey about arts participation. Some of the

NEA's most recent research includes: *The Arts and Achievement in at-Risk Youth: Findings from Four Longitudinal Studies*; *Time and Money: Using Federal Data to Measure Performing Art Activities*; *Arts Education in America: What the Declines Mean for Arts Participation*; *Live from Your Neighborhood: A National Study of Outdoor Arts Festivals*; and *Audience 2.0: How Technology Influences Arts Participation*. The office also has published such reports as *Artists in the Workforce 1990-2005*, *To Read or Not to Read: A Question of National Consequence*, and *The Arts and Civic Engagement: Involved in Arts, Involved in Life*. For a decade, Iyengar worked as a reporter, managing editor, and senior editor for a host of news publications covering the biomedical research, medical device, and pharmaceutical industries. He writes poetry, and his book reviews have appeared in publications such as the *Washington Post*, *The New York Times*, *San Francisco Chronicle*, *The American Scholar*, *The New Criterion*, *Essays in Criticism*, and *Contemporary Poetry Review*. Iyengar has a B.A. in English from the University of Michigan in Ann Arbor.

Other Speakers/ Authors

Anne D. Basting

Anne Basting, PhD is Executive Director, Center on Age and Community and Associate Professor of Theatre at the University of Wisconsin Milwaukee. She is an educator, scholar, and artist whose work focuses on the potential for the arts and humanities to improve our quality of life as communities and individuals. For over 15 years, Basting has developed and researched methods for embedding the arts into long term care, with a particular focus on people with cognitive disabilities like dementia. Basting is author of numerous articles and two books, *Forget Memory: Creating better lives for people with dementia* (2009) and *The Stages of Age: Performing Age in Contemporary American Culture*. She continues to direct the award-winning [TimeSlips Creative Storytelling Project](#), which she founded in 1998, and is currently at work launching TimeSlips' new (free!) interactive website (timeslips.org), featuring a prompt library of over 100 images and questions, and bringing creative engagement to elders and their families wherever they live. Basting teaches playwriting, storytelling, and creative engagement in long term care; and is curricular coordinator of CAC's new summer institute CREATE/CHANGE: Transforming care for elders through creative engagement.

Melissa CASTORA-Binkley

Melissa Castora-Binkley is a Doctoral Candidate in the School of Aging Studies at the University of South Florida, where she also serves as a Research Assistant and Instructor. She worked for two years as a Policy and Research Analyst at the Katz Policy Institute at the Benjamin Rose Institute on Aging where she was the Project Manager of the Aging Strategic Alignment Project and Co-Administrator of the Northeast Ohio Center for Creative Aging. During her time at the Benjamin Rose Institute on Aging she was a co-author on a number of publications related to health and well-being of older adults, including "Impact of Arts Participation on Health Outcomes for Older Adults," published in the *Journal of Aging and Social Policy* in 2010.

Kate de Medeiros

Kate de Medeiros is Assistant Professor of Gerontology and Scripps Fellow in the Department of Sociology and Gerontology at Miami University in Oxford, Ohio. Dr. de Medeiros' research has focused on narrative approaches to understanding old age, including generativity in later life, the meaning of suffering, attributions of depression in life narratives; and on dementia-specific research including friendships among people with dementia, social environments in long-term care settings, and outcome

measures in dementia research. She recently led an international team in the development and validation of an expanded measure of neuropsychiatric symptoms in people with dementia, the Neuropsychiatric Inventory – Clinician Rating Scale (NPI-C). In 2008, she was awarded a Brookdale Leadership in Aging Fellowship to refine "Self Stories," a structured approach to autobiographical writing for older adults and to evaluate its effectiveness in a randomized controlled trial of community sample.

Valerie Fletcher

Valerie Fletcher Valerie Fletcher has been Executive Director since 1998 of the Institute for Human Centered Design (IHCD), an international educational and design non-profit organization based in Boston, Massachusetts, USA and founded in 1978 as Adaptive Environments. The organizational mission is to advance the role of design in expanding opportunity and enhancing experience for people of all ages and abilities through excellence in design. Fletcher writes, lectures and works internationally. She oversees a wide range of educational activities including technical assistance, design guides, symposia, publications, websites, conferences, courses and competitions as well as inter-disciplinary design projects for schools, cultural facilities, adaptive reuse, public realm and housing and IHCD's User/Expert Lab. She is a Special Advisor on Inclusive Design to the governments of France and Singapore, the Open Society Institute and the UN Department of Economic and Social Affairs. Fletcher has a master's degree in ethics and public policy from Harvard University. The Boston Society of Architects awarded her the Women in Design award in 2005; she's a Trustee of the Boston Architectural College and Co-Chairs the Design Industry Group of Massachusetts.

Kathy Hathorn

Kathy Hathorn is an innovator and pioneer in developing patient-focused art programs for healthcare facilities, and is generally considered the founder of therapeutic healthcare art programs in the United States. She sits on various boards and councils related to healthcare research and design, and lectures both in the US and abroad as an expert in evidence-based art programs. She created a research division in her company in 2006 to conduct and disseminate original research, which has resulted in numerous studies that have been published in peer-reviewed journals and in Joint Commission's *Environment of Care*. She has been featured in *Business Week* and *The Coolest Entrepreneurs* in America, and was named one of the 25 Most Influential People in Healthcare Design in 2009. She is the 2011 recipient of the Symposium Distinction Award. Signature projects include Celebration Health (700,000sf), The George Washington University Hospital (500,000sf), Northwestern Memorial Hospital (2,000,000sf), Prentice Women's Hospital (1,000,000sf), Sacred Heart Medical Center at RiverBend (1,200,000sf), MD Anderson Cancer Center (5,000,000+sf), Phoenix Children's Hospital (700,000sf), Duke University Cancer Center and Medical Pavilion (950,000sf), and the new Parkland Hospital, (2,000,000sf).

Julene Johnson

Julene K Johnson, Ph.D., is an Associate Professor at the University of California, San Francisco's (UCSF) Institute for Health & Aging. She also holds appointments in the UCSF Department of Social and Behavioral Sciences and Neurology. She received her PhD in Cognitive Neuroscience and also has a Bachelor's degree in music. Dr. Johnson studies older adults with mild cognitive impairment and is particularly interested in changes in executive function and the frontal cortex. She is also interested in music abilities in both healthy older adults and dementia. Most recently, she is investigating how community music programs can be used to promote healthy aging and independence. In 2010, she

was a Fulbright scholar in Jyväskylä, Finland where she studied how singing in a community choir influences health and well-being.

Emmett Keeler

Emmett Keeler is a senior mathematician at RAND and a professor at UCLA and the Pardee RAND Graduate School, where he teaches decision analysis and cost effectiveness analysis. He has conducted technical analyses for dozens of studies evaluating quality improvement interventions, insurance design, cost-effectiveness, and quality-of-care statistics. In the RAND Health Insurance Experiment, he assessed the effects of alternative insurance plans on physiological health and developed the episode-of-treatment approach to analyze use. Dr. Keeler was the lead technical analyst in the Prospective Payment System Quality of Care evaluation. His recent projects include an investigation of how to make the business case for quality improvement as well as studies of hospital competition and Health Savings Accounts. He won the 2003 Distinguished Investigator Award of AcademyHealth. Dr. Keeler is an elected member of the Institute of Medicine of the National Academy of Sciences, and has served on many CNSTAT and IOM committees.

Margie Lachman

Margie E. Lachman, Ph.D. is the Fierman Professor of Psychology and Director of the Lifespan Developmental Psychology Lab at Brandeis University. She was editor of the *Journal of Gerontology: Psychological Sciences* (2000-2003), and has edited two volumes on midlife development. She is a fellow of the American Psychological Association, Division 20 and the Gerontological Society of America. Lachman's research is in the area of lifespan development with a focus on midlife and later life. With funding from NIA, her current work focuses on psychosocial and behavioral factors that can protect against, minimize, or compensate for declines in cognition and health. She is conducting studies to examine long-term predictors of psychological and physical health, laboratory-based experiments to identify psychological and physiological processes involved in aging-related changes, and intervention studies to enhance performance and promote adaptive functioning. Lachman was a member of the MacArthur Foundation Research Network on Successful Midlife Development and is currently collaborating on the longitudinal follow-up of the original MacArthur midlife sample (MIDUS). She has conducted intervention studies designed to enhance the sense of control over memory and physical activity, and one of the programs for increasing control over fall prevention won the Archstone Award for Excellence in Program Innovation from the American Public Health Association. Lachman has presented her research on the *NBC Today Show*, the *CBS Evening News*, and *CBS Sunday Morning*. In 2003, she received the Distinguished Research Achievement Award from the American Psychological Association, Division on Adult Development and Aging.

Tony Noice

Tony Noice is Professor of Theater at Elmhurst College in Elmhurst, Illinois. In academia, he is best known for the studies he has carried out (in collaboration with Helga Noice) using theatrical activities to enhance healthy cognitive aging. Widely published in the professional literature, the Noice and Noice intervention has also garnered extensive coverage on TV and in print media from *The Nightly News* with Brian Williams to *The Times of London*. In addition to his academic pursuits, Tony is a life-long professional actor, having been in over 100 productions under union (AEA-SAG-AFTRA) contracts.

Alexandra Parbery-Clark

Alexandra Parbery-Clark is a doctoral candidate in Audiology and in Communication Sciences and Disorders with a concentration in Auditory Neuroscience and Audiology at Northwestern University. Her research interests include the effects of aging, hearing loss and musical experience on auditory system neurophysiology and auditory perceptual processes. She is also interested in developing a musical training program aimed at improving the lives of people with hearing disorders. Her clinical interests include application of auditory evoked potentials, amplification strategies for musician and non-musician populations, implantable devices (cochlear implants, auditory brainstem implants, bone-anchored hearing aids), auditory rehabilitation and training. Alexandra is a trained concert pianist, and prior to coming to Northwestern University she was head of the Fayence Music School in Fayence, France where she taught both piano and theory.

Thomas Prohaska

Dr. Thomas Prohaska is Dean of the College of Health and Human Services at George Mason University. He has more than 25 years' experience in gerontological research. He is a member of the Centers for Disease Control and Prevention Healthy Aging Research Network. He has been the principal investigator of several federally funded research studies and co-investigator on many others. Also for the Centers for Disease Control and Prevention, he served on the Expert Panel on Nutrition, Physical Activity and Obesity-Related Health Disparities. He was the principal investigator of a National Institute on Aging Gerontological Public Health Training Program for pre- and post-doctoral fellows. During the past nine years, Dr. Prohaska's research has focused on community-based health promotion interventions with minority older adult populations. He has been principal investigator of the UIC Center for Health Interventions in Minority Elderly (CHIME) and co-principal investigator of the Midwest Roybal Center for Health Maintenance, both funded by the National Institute on Aging. He was a member of the National Advisory Committee to the Robert Wood Johnson Foundation on Health and Physical Activity in Adults 50 years and older.

Victor Regnier

Victor Regnier, FAIA ACSA Distinguished Professor School of Architecture, University of Southern California, Los Angeles. Victor Regnier is a teacher, researcher and architect who has focused his academic and professional life on the design of housing and community settings for older people. He holds a joint professorship between the USC School of Architecture and the Leonard Davis School of Gerontology, which is the only joint appointment of this type in the US. He is also the only person to have achieved fellowship status in both the American Institute of Architects and the Gerontological Society of America. From 1992 until 1996 he served as the Dean of the School of Architecture for an interim term. He has published 6 books as well as 60 articles and book chapters dealing with various aspects of housing and community planning for the elderly. He has received awards for his scholarship from the American Society of Landscape Architects, the American Planning Association and Phi Kappa Phi, as well as two Progressive Architecture Research Awards. He has also received a traveling Fulbright Research Award and the Thord-Grey Award from the American-Scandinavian Foundation. As an architect he has consulted on over 400 building projects in 38 states, Canada, Germany and England. In the last decade 50 of his projects have won national/state design awards.

Gottfried Schlaug

Gottfried Schlaug is Associate Professor of Neurology at Beth Israel Deaconess medical Center (BIDMC) and Harvard Medical School, chief of the Division of Cerebrovascular Disorders at BIDMC, and Director of the Music, Neuroimaging and Stroke Recovery laboratories at Beth Israel Deaconess Medical Center. His main research interests are to examine, induce, and detect in-vivo brain plasticity in patients recovering from stroke and in normal health subjects undergoing intense and long-time training of sensorimotor skills. He is using two groups of subjects to examine the effects and determinants of brain plasticity: stroke patients undergoing experimental interventions to enhance their recovery potential and healthy subjects, such as instrumental musicians who undergo intense and long-term sensorimotor skills training. Lately, he has also developed and tested innovative interventions including forms of singing and music making with or without non-invasive brain stimulation to facilitate recovery from brain injuries and to improve disabilities resulting from neurodevelopmental disorders.

William Spector

William Spector, is a health services researcher who specializes in research on long term care. He is currently a Senior Social Scientist with the Center for Delivery, Organization, and Markets (CDOM), in the Agency for Healthcare Research and Quality (AHRQ), and has been with the Agency for 22 years. Prior to his arrival at AHRQ, he was Associate Director for Research at the Gerontology Center at Brown University. He has been on the faculties of Brown University, George Mason University, and Salem State College. Much of Dr. Spector's research has focused on nursing home and home care. He is particularly interested in ways to improve quality, outcomes, cost, and prevent unnecessary transitions in care. Most recently he is developing and evaluating nursing home interventions to improve preventive practices to reduce rates of pressure ulcers falls and avoidable hospitalizations. Dr. Spector's work has appeared in economics, health services research, and gerontological journals. He received his doctorate in social policy from the Florence Heller School, Brandeis University, an M.A. in Economics from University of California, Los Angeles (UCLA), and a B.A. in Economics from Brandeis University.