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**CARE INTERVENTIONS FOR INDIVIDUALS WITH DEMENTIA AND
THEIR CAREGIVERS: A WORKSHOP**

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Committee on Care Interventions for Individuals with Dementia and Their Caregivers

Eric B. Larson, MD, MPH, is a senior investigator at Kaiser Permanente Washington Health Research Institute and former Vice President for Research and Healthcare Innovation for Kaiser Permanente Washington and Executive Director of the Institute. A graduate of Harvard Medical School, Dr. Larson trained in internal medicine at Beth Israel Hospital, in Boston, completed a Robert Wood Johnson Clinical Scholars and M.P.H. program at the University of Washington, and then served as Chief Resident of University Hospital in Seattle. He served as Medical Director of University of Washington (UW) Medical Center and Associate Dean for Clinical Affairs from 1989-2002 and remains a Clinical Professor of Medicine and Health Services at UW. His research spans a range of general medicine topics and has focused on aging and dementia, including a long running study of aging and cognitive change set in Kaiser Permanente Washington, formerly Group Health Cooperative - The UW/Group Health Alzheimer's Disease Patient Registry/Adult Changes in Thought Study. Dr. Larson has served as President of the Society of General Internal Medicine, Chair of the OTA/DHHS Advisory Panel on Alzheimer's Disease and Related Disorders and was Chair of the Board of Regents (2004-05), American College of Physicians. He is an elected member of the National Academy of Medicine.

Marilyn Albert, PhD, is Director, Division of Cognitive Neuroscience and Professor of Neurology at Johns Hopkins University School of Medicine. She received her PhD degree in Physiological Psychology from McGill University in Montreal and completed a fellowship in Neuropsychology at Boston University School of Medicine. She served on the faculty of the Harvard Medical School from 1981 to 2003. She moved to the Johns Hopkins in 2003, where she is Professor of Neurology, Director of the Division of Cognitive Neuroscience, and Director of the Johns Hopkins Alzheimer's Disease Research Center. Dr. Albert focuses on the cognitive and brain changes associated with aging and Alzheimer's disease (AD). Her work has delineated the cognitive changes associated with aging and early AD. She has also identified lifestyle factors that promote maintenance of mental abilities with advancing age. Dr. Albert's research currently focuses on the early identification of AD, and potential ways of monitoring the progression of disease to permit early intervention.

María P. Aranda, PhD, MSW, MPA, is Associate Professor, USC Suzanne Dworak-Peck School of Social Work, and Executive Director, USC Edward R. Roybal Institute on Aging at the University of Southern California. She joined the social work faculty in 1995 and holds a joint appointment with the USC Leonard Davis School of Gerontology. Dr. Aranda's research, teaching, and practice interests address the study of psychosocial care of adult and late-life psychiatric disorders including depression and Alzheimer's disease and related dementias. She is interested in examining racial and ethnic diversity in the delivery of health and mental health services, disparities in health and health care, and testing of psychosocial interventions to alleviate illness burden among persons living with medical and psychiatric illnesses and their family caregivers. Dr. Aranda has served as principal investigator or co-investigator on several key studies funded by and/or in

collaboration with the National Institute of Mental Health, National Cancer Institute, Patient-Centered Outcomes Research Institute, The John A. Hartford Foundation/The Gerontological Society of America, the California Community Foundation, National Institute of Rehabilitation and Research, Alzheimer's Association/Health Resources and Services Administration, Los Angeles County Department of Mental Health, and the Larson Endowment for Innovative Research.

She co-pioneered a state-of-the-art family support program ("El Portal") for low-income, Spanish-speaking families dealing with neurodegenerative disorders, which is a national model for family caregiving in hard-to-reach communities. She has served on local and national boards and committees dedicated to the enhancement of practice, policy, research and advocacy related to underrepresented minority populations.

Dr. Aranda has served on several consensus committees sponsored by the National Academy of Medicine on the geriatric workforce in mental health and substance use service sectors, family caregiving to older adults with functional limitations, financial capacity determination and functional assessments among Social Security beneficiaries.

She is a licensed psychotherapist with 30 years of experience providing bilingual and bicultural mental health services to middle-aged and older adults and their families.

Christopher M. Callahan, MD, MACP, is Professor of Medicine at the Indiana University School of Medicine. He also serves as the Chief Research and Development Officer at Eskenazi Health, one of the nation's largest safety net health systems. He is an active Research Scientist in the Indiana University Center for Aging Research at the Regenstrief Institute. His research seeks to improve outcomes for older adults with late life depression and dementia, focused on innovative models of care that support the generalist physician in their day-to-day provision of health to older adults. Dr. Callahan has spent more than two decades developing and exploring new treatment models for older adults, and was recognized in 2016 with the Edward Henderson award from the American Geriatrics Society. He continues to provide care for older adults in the Sandra Eskenazi Center for Brain Care Innovation. Dr. Callahan attended the St. Louis University School of Medicine, completed his internship and residency at Baylor College of Medicine, and fellowship at the Indiana University School of Medicine.

Eileen M. Crimmins, PhD, is the AARP Professor of Gerontology in the Leonard Davis School of Gerontology at the University of Southern California. She is a member of the National Academy of Sciences and the National Academy of Medicine, a fellow of the American Association for the Advancement of Science, and a University Professor at USC. She is currently the director of the USC/UCLA Center on Biodemography and Population Health, one of the Demography of Aging Centers supported by the U.S. National Institute on Aging. She is also the Director of the Multidisciplinary Training in Gerontology Program and the NIA-sponsored Network on Biological Risk. Dr. Crimmins is a co-investigator of the Health and Retirement Study in the U.S. Much of Dr. Crimmins' research has focused on changes over time in health and mortality. Dr. Crimmins has been instrumental in organizing and promoting the recent integration of the measurement of biological indicators in large population surveys. She served as co-chair of a Committee for the National Academies of Sciences, Engineering, and Medicine to address why life expectancy in the U.S. is falling so far behind that of other countries. She has also co-edited several books with a focus on international aging, mortality and health expectancy: *Determining Health Expectancies*; *Longer Life and Healthy Aging*; *Human Longevity, Individual Life Duration, and the Growth of the Oldest-old Population*; *International Handbook of Adult Mortality*; *Explaining Diverging Levels of Longevity in High-Income Countries*; and *International Differences in Mortality at Older Ages: Dimensions and Sources*. She has received the Kleemeier Award for Research from the Gerontological Society of America.

Peggye Dilworth-Anderson, PhD, is professor of Health Policy & Management at the Gillings School of Global Public Health, University of North Carolina- Chapel Hill. Her research focus is on health disparities and Alzheimer's disease with an emphasis on building knowledge for the scientific and lay community to inform conducting culturally relevant research and disseminating information about Alzheimer's disease and related disorders in medically underserved diverse populations.

In recognition of her research in aging, Dr. Dilworth-Anderson received the Pearmain Prize for Excellence in Research on Aging from the University of Southern California (USC) Roybal Institute on Aging. UNC awarded her the University Diversity Award in recognition of her commitment to diversity and inclusion in research, teaching and leadership. She received the Ronald & Nancy Reagan Alzheimer's Research Award for her research contributions on Alzheimer's disease in medically underserved populations from the Alzheimer's Association.

Dr. Dilworth-Anderson has served in numerous leadership roles, some of which include: President of Gerontological Society of America. Member: Global Council on Brain Health, Committees of the National Academies of Sciences, Engineering, and Medicine; National Alzheimer's Association Medical and Scientific Council; Board of Directors of the National Alzheimer's Association and Eastern North Carolina Chapter; National Research Advisory Council of the Institute on Aging/NIH.

XinQi Dong, MD, MPH, is the Director of Rutgers University's Institute for Health, Health Care Policy and Aging Research. He is also the Henry Rutgers Professor of Population Health Sciences at the Rush University Medical Center, Director of the Chinese Health, Aging and Policy Program and the Associate Director of Rush Institute for Healthy Aging. Dr. Dong has published extensively on the topics of violence prevention with more than 160 publications and is currently leading a longitudinal epidemiological study (The PINE Study) of 3,300 Chinese older adults to quantify relationships among culture factors, elder abuse and trajectories of psychosocial wellbeing. He has taught on these topics as visiting professors nationally and internationally including China, Hong Kong, Korea, Mexico, Canada, Ireland, Scotland and United Nations. Dr. Dong serves on 10 editorial boards and guest editor-in-chief for Journal of Aging Health and Journal of Gerontology: Medical Sciences. Dr. Dong has served on numerous study sections and is a member of the Health Services Organization and Delivery (HSOD) study section.

As an APSA Congressional Policy Fellow/Health and Aging Policy Fellow, he served as a Senior Policy & Research Advisor for AoA/ACL and a Senior Policy Advisor for CMS. Dr. Dong is the recipient of the Paul Beeson Award by National Institute on Aging, the National Physician Advocacy Merit Award by the Institute for Medicine as a Profession, the Nobuo Maeda International Aging and Public Health Research Award by the APHA, the Maxwell Pollack Award in Productive Aging by the Gerontological Society of America, the Rosalie Wolf Award by the National Committee on the Prevention of Elder Abuse, Outstanding Scientific Achievement for Clinical Investigation Award by the American Geriatric Society and APHA Award for Excellence by the American Public Health Association. Dr. Dong was elected to be a Commissioner for the Commission on Law and Aging of the American Bar Association (ABA), and the Board of Directors for the Chinese American Service League, the largest social services organization in the Midwest serving the needs of Chinese populations. He was a chair and member of the National Academies' Global Violence Prevention Forum, and chaired the National Academies' Elder Abuse Prevention workshop in 2013.

He received his BA in biology and economics from the University of Chicago, his MD at Rush University College of Medicine, and his MPH in epidemiology at University of Illinois at Chicago. He completed his internal medicine residency and geriatric fellowship at Yale University Medical Center.

Miguel Hernán, MD, DrPH, conducts research to learn what works to improve human health. Together with his collaborators, he designs analyses of healthcare databases, epidemiologic studies, and randomized trials. Miguel teaches clinical data science at the Harvard Medical School, clinical epidemiology at the Harvard-MIT Division of Health Sciences and Technology, and causal inference methodology at the Harvard T.H. Chan School of Public Health, where he is the Kolokotronis Professor of Biostatistics and Epidemiology. His edX course Causal Diagrams and his book Causal Inference, co-authored with James Robins, are freely available online and widely used for the training of researchers. Miguel is an elected Fellow of the American Association for the Advancement of Science and of the American Statistical Association, an Editor of Epidemiology, and past or current Associate Editor of Biometrics, American Journal of Epidemiology, and the Journal of the American Statistical Association.

Ronald Hickman, Jr., PhD, RN, ACNP-BC, FNAP, FAAN, is an Associate Professor and Assistant Dean for Nursing Research at Case Western Reserve University. Dr. Hickman earned a B.A. in biological science, MSN, and Ph.D. in nursing science from Case Western Reserve University. In 2012, Dr. Hickman completed a career development award focused on the conduct of multidisciplinary clinical and translational research funded by the NIH National Center on Advancing Translational Science (NCATS). His research program examines biobehavioral mechanisms that influence the quality of the healthcare decision making and evaluates the efficacy of novel technology-based interventions to enhance health outcomes of patients and their family caregivers. He has conducted several clinical studies funded by grants from the American Nurses Foundation, the Robert Wood Johnson Foundation, the National Institutes of Health, National Institute on Minority Health and Health Disparities, and the National Institute of Nursing Research. In addition to his research, Dr. Hickman provides consultation on the development of technology-based interventions, workforce diversity, and strategies to reduce health inequities.

Helen Hovdesven, MA, holds a MA in health advocacy from Sarah Lawrence College. Prior to retiring, Ms. Hovdesven was a patient representative and acting director of patient relations at a tertiary care facility. She was involved with direct patient care, helping patients and their families navigate the health care system, ensuring their medical and healthcare needs and collaborating with other healthcare providers to mediate conflicts and facilitate change. She was also an HIV counselor, organ donor requestor, and volunteer trainer and coordinator for Reach to Recovery. Ms. Hovdesven also served on the Ethics Committee and Child Protection Services Committee. Ms. Hovdesven is currently co-chair of the Patient Family Advisory Council (PFAC) at Johns Hopkins Memory and Alzheimer's Treatment Center (MATC), and has been involved with the PFAC since its early beginning in 2008 and served as chair for more than seven years. She is also involved with the Hopkins Brain Autopsy Program and has been an advisory board member of the Department of Psychiatry and Behavioral Sciences since 2003. Ms. Hovdesven is dedicated to Alzheimer's research, including the needs of caregivers, having been a caregiver for her late husband, Arne. She has also completed a series of podcasts for Johns Hopkins, "Alzheimer's from Diagnosis to Death" and "Brain Autopsy," sharing their personal story.

Rebecca A. Hubbard, PhD, is an associate professor of biostatistics in the Department of Biostatistics, Epidemiology & Informatics at the University of Pennsylvania's Perelman School of Medicine. Dr. Hubbard's research focuses on development and application of statistical methodology for observational studies using real world data including electronic health records and administrative claims. This work encompasses evaluation of screening and diagnostic test performance, methods for comparative-effectiveness studies, and health-services research. Dr. Hubbard's methodological research has been applied to studies of cancer epidemiology, aging and dementia, pharmacoepidemiology, women's health and behavioral health. Dr. Hubbard received a BS (Ecology & Evolution, Summa Cum Laude) from the University Of Pittsburgh, a MSc (Epidemiology) from the University Of Edinburgh, a MSc (Applied Statistics, With Honors) from Oxford University, and a PhD (Biostatistics) from the University Of Washington.

Jason Karlawish, MD, is a Professor of Medicine, Medical Ethics and Health Policy, and Neurology at the University of Pennsylvania and cares for patients at the Penn Memory Center, which he co-directs. His research focuses on issues at the intersections of bioethics, aging and the neurosciences. He leads the Penn Program for Precision Medicine for the Brain (P3MB). P3MB developed standards for Alzheimer's disease biomarker disclosure and investigates the clinical impacts of this knowledge on persons and their families. He has investigated the development and translation of Alzheimer's disease treatments and biomarker-based diagnostics, informed consent, quality of life, research and treatment decision making, and voting by persons with cognitive impairment and residents of long term care facilities.

His essays on aging, ethics and Alzheimer's disease have appeared in Forbes.com, KevinMD, the New York Times, the Philadelphia Inquirer, and STAT news. He is the author of *Open Wound: The Tragic Obsession of Dr. William Beaumont*, a novel based on true events along the 19th century American frontier. He is currently writing a book recounting how Alzheimer's disease became a crisis and the steps needed to address it.

Dr. Karlawish has disseminated his research in leading textbooks of medicine and bioethics, testimony to the Senate Select Committee on Aging and the Department of Health and Human Services Subcommittee on the Inclusion of Individuals with Impaired Decision-making in Research, and collaborations with the Alzheimer's Disease Cooperative Study, the Alzheimer's Association, American Bar Association's Commission on Law and Aging, AARP's Global Council on Brain Health, the Department of Housing and Urban Development, the National Academy of Medicine (he served on the committee to address the public health challenges of cognitive aging), the State of Vermont, the U.S. Election Assistance Commission, and the U.S. Government Accountability Office. He is an international proponent of mobile polling, a method of bringing the vote to long term care facilities that minimizes fraud and maximizes voter rights. In a widely publicized essay in the Journal of the American Medical Association, he introduced the concept of "desktop medicine," a theory of medicine that recognizes how risk and its numerical representations are transforming medicine, medical care, and health.

He studied medicine at Northwestern University and trained in internal medicine and geriatric medicine at Johns Hopkins University and the University of Chicago.

Robyn I. Stone, DrPH, is Senior Vice President for Research at LeadingAge and Co-Director of the LeadingAge LTSS Center @UMass Boston. Dr. Stone came to LeadingAge from the International Longevity Center-USA in New York, NY, where she was executive director and chief operating officer. She is a noted researcher and internationally recognized authority on long-term care and aging policy, and has held senior research and policy positions in both the U.S. government and the private sector. She was a political appointee in the Clinton Administration, serving in the U.S. Department of Health and Human Services as Deputy Assistant Secretary for Disability, Aging and Long-term Care Policy from 1993 through 1996 and as Assistant Secretary for Aging in 1997. Dr. Stone is a distinguished speaker and has been published widely in the areas of long-term care policy and quality, chronic care for the disabled, aging services workforce development, low income senior housing and family caregiving. She serves on numerous provider and non-profit boards that focus on aging issues.

She was a senior researcher at the National Center for Health Services as well as at Project Hope's Center for Health Affairs. Stone was on the staff of the 1989 Bipartisan Commission on Comprehensive Health Care and the 1993 Clinton administration's Task Force on Health Care Reform. Dr. Stone holds a doctorate in public health from the University of California, Berkeley.

The LeadingEdge Long-Term Services and Supports (LTSS) Center's mission is to create a bridge among the policy, practice and research communities to advance the development of high quality services. It also provides a forum for the health, supportive services and housing communities to explore and develop policies and programs to meet the needs of an aging society. The LTSS Center's signature areas are: advancing quality, educating consumers, developing a quality workforce and creating affordable housing with services.

Jennifer L. Wolff, PhD, is the Eugene and Mildred Lipitz Professor and Director of the Roger C. Lipitz Center for Integrated Health Care. She is an expert and thought leader in research and policy relating to the care of persons with complex health needs and disabilities. She has made major contributions to increasing understanding of the role of family caregivers in the interactions of older adults with the medical community. She has been involved in the development and evaluation of numerous initiatives aimed at better supporting older adults and their family caregivers, including applied research to develop practical tools and strategies that may be readily deployed in care delivery. Her research has been published in a wide range of journals including NEJM, JAMA, Journal of the American Geriatrics Society, Social Science and Medicine, and Health Affairs. She has led projects that have been funded by the National Institute on Aging, the National Institute of Mental Health, AARP, the Jacob and Valeria Langeloth Foundation, the Milbank Memorial Fund, and Atlantic Philanthropies. Dr. Wolff Directs the Roger C. Lipitz Center for Integrated Health Care and is a core member of the Center for Health Services and Outcomes Research (CHSOR), the Center on Aging and Health (COAH), and the Center on Innovative Care in Aging. She holds a joint appointment in the Johns Hopkins School of Medicine's Division of Geriatric Medicine and Gerontology.

Workshop Speaker Biographical Sketches

Mary Butler, PhD, MBA, is an Associate Professor in the University of Minnesota School of Public Health Division of Health Policy and Management, and is trained in health services research, with special emphasis on outcomes research and health behaviors in alternative medicine. Her areas of interest include scientific evidence standards, research design and systematic review methodology, evidence-based or evidence-informed healthcare, and complexity science in health and healthcare. Dr. Butler is Co-Director of the Minnesota Evidence-based Practice Center (EPC) and has led or overseen review projects on a wide range of topics, specializing in complex patients and complex interventions.

Patrick Courneya, MD, is HealthPartners' Chief Health Plan Medical Officer. HealthPartners is a top-ranked, member-governed health plan and care delivery system based in Minnesota serving the needs of over a million patients and 1.5 million members. Dr. Courneya provides senior medical leadership in quality and utilization management, health and medical management, customer-facing roles in the area of health initiatives, and provides visible medical leadership for customer business units and external entities.

Prior to returning to HealthPartners, Dr. Courneya was Executive Vice President and Chief Medical Officer for National Health Plan and Hospitals Quality at Kaiser Permanente in Oakland, CA. In that role, Dr. Courneya oversaw Kaiser Permanente's national quality agenda, helped ensure the organization's members and communities received the best quality and service across all Kaiser Permanente regions, and advocated for the advancement of evidence-based medicine and proven innovation for the industry. During his career, he has served as a medical leader in various roles at medical group, hospital, and health plan levels. He has had 24 years of experience in active clinical practice.

Lynn Feinberg, MSW, is Senior Strategic Policy Advisor at the AARP Public Policy Institute, and is responsible for family caregiving and long-term care issues. She came to AARP from the National Partnership for

Women & Families, serving as the first Director of the Campaign for Better Care. Previously, Ms. Feinberg served as Deputy Director of the National Center on Caregiving at the Family Caregiver Alliance (FCA), where she was a leader in family-centered care and dementia issues. At FCA she directed the National Consensus Project for Caregiver Assessment and led the first 50-state study on publicly-funded caregiving programs in the U.S. In 2007-2008, Ms. Feinberg was selected as the John Heinz Senate Fellow in Aging, serving in the office of former U.S. Senator Barbara Boxer. She has published and lectured widely on family care policy and practice, and has served on numerous advisory boards and committees to address aging and caregiving issues, including the American Bar Association's Commission on Law and Aging, the National Academies of Sciences, Engineering and Medicine's Committee on Family Caregiving for Older Adults, and as Chair of the American Society on Aging (ASA) Board of Directors. In 2015, she received the Paul Nathanson Distinguished Advocate Award from Justice in Aging, for her career work on family care issues. Ms. Feinberg holds a master's degree in social welfare and gerontology from the University of California at Berkeley.

Joseph E. Gaugler, PhD, is the Robert L. Kane Endowed Professor in Long-Term Care & Aging in the Division of Health Policy and Management and School of Public Health at The University of Minnesota. Dr. Gaugler's research examines the sources and effectiveness of long-term care for persons with Alzheimer's disease and other chronic conditions. An applied gerontologist, Dr. Gaugler's interests include Alzheimer's disease and long-term care, the longitudinal ramifications of family care for persons with dementia and other chronic conditions, and the effectiveness of community-based and psychosocial services for older adults with dementia and their caregiving families. Underpinning these substantive areas, Dr. Gaugler also has interests in longitudinal and mixed methods.

Dr. Gaugler was the Editor for the Journal of Applied Gerontology (2011-2017) and currently serves on on the editorial boards of Journals of Gerontology: Psychological Sciences, Journals of Gerontology: Social Sciences, and Psychology and Aging. He was awarded the 2003 Springer Early Career Achievement Award in Adult Development and Aging Research, the 2011 M. Powell Lawton Distinguished Contribution Award for Applied Gerontology from the American Psychological Association (Division 20: Adult Development and Aging), the 2011 Dean's Award from the University of Minnesota School of Nursing, and the 2015 Gordon Streib Distinguished Academic Gerontologist Award from the Southern Gerontological Society. He is a Fellow of the Gerontological Society of America and the American Psychological Association. Dr. Gaugler is also an Emeritus Long-Term Care Professor in the School of Nursing at the University of Minnesota.

David Gifford, MD, MPH, is a geriatrician who currently serves as Chief Medical Officer and Senior Vice President of Quality and Regulatory Affairs at the American Health Care Association (AHCA). He helped create the Quality Department at AHCA, which assists providers in their quality improvement efforts and works with administration officials on regulations and policies impacting the profession. Dr. Gifford serves on the Board of the Baldrige Foundation. He also chairs the U.S. Department of Veteran's Affairs Geriatric and Gerontology Advisory Committee, a congressional chartered committee to advise the U.S. Secretary of Veteran's Affairs and Congress on geriatric services for veterans.

He is a former Director of the Rhode Island State Department of Health from 2005 to 2011, where he received the National Governor's Distinguished Service Award for State Officials for his management of the H1N1 influenza outbreak. Prior to that, he served as Chief Medical Officer for Quality Partners of Rhode Island, where he directed the CMS national nursing home-based quality improvement effort. He holds a faculty appointment at Brown University Medical School and School of Public Health and served as medical director in several nursing homes in Rhode Island. He received his medical degree from Case Western

Reserve University and conducted his geriatric fellowship at UCLA, where he also earned his master's in public health while a Robert Wood Johnson Clinical Scholar.

Laura Gitlin, PhD, FGSA, FAAN, is an applied research sociologist, is the Distinguished Professor and Dean of the College of Nursing and Health Professions at Drexel University. She is also an adjunct faculty of Johns Hopkins School of Nursing. Dr. Gitlin is nationally and internationally recognized for her research on developing, evaluating and implementing novel home and community-based interventions to improve quality of life of older adults with functional challenges and persons living with dementia and their care partners. She is a well-funded researcher, having received continuous research and training grant dollars from federal agencies and private foundations for over 35 years.

In her research, she applies a social ecological perspective and person—family-directed approach to examine, intervene and support individuals in their living environments. Her efforts involve collaborating with community organizations, health and human service professionals and other stakeholders to maximize the relevance and impact of such interventions. She is also involved in translating, disseminating, and implementing proven programs developed with her team for delivery in diverse practice settings globally and in the United States.

Dr. Gitlin is the recipient of numerous awards, has authored over 300 scientific publications and has co-authored 7 books.

J. Neil Henderson, PhD, is Professor of Medical Anthropology at the University of Minnesota Medical School, Duluth campus, and Executive Director of the Memory Keepers Medical Discovery Team. He is Oklahoma Choctaw. Dr. Henderson's research areas focus on aging issues of American Indian people. Specifically, his work is on biological and cultural influences regarding recognition and treatment of dementia and diabetes, dementia caregiving, cultural constructions of disease, and community health interventions and education in the context of cultural diversity. He has conducted bio-cultural research on Alzheimer's disease in American Indian tribes, developed Alzheimer's support groups in African-American and Spanish-speaking populations, and conducted geriatric health care education for American Indian providers across the United States. The themes of his research are the prevention of disease, reduction of health disparities, and the building of healthier lives among the youth, adults, and elders in culturally diverse populations. Dr. Henderson was honored by the award of the Leadership in Prevention for Native Americans, 2006, by the Loma Linda University School of Public Health and the Award of Achievement by the University of Oklahoma, College of Public Health. Dr. Henderson is the former Editor-in-Chief of the Journal of Cross-Cultural Gerontology and past-President of the Association for Anthropology and Gerontology. He has authored many articles in the scientific press and is a contributor to the Alzheimer's Association and CDC's new Road Map for Indian Country (2019), principle author of *The Savvy Caregiver for Indian Country* (2013), co-author of the text, *Social and Behavioral Foundations of Public Health* (2001) and is senior editor of *The Culture of Long Term Care* (1995).

Richard J. Hodes, MD, is the Director of the National Institute on Aging (NIA) at the National Institutes of Health (NIH). Dr. Hodes, a leading researcher in the field of immunology, was named to head the NIA in 1993. The NIA leads the Federal effort supporting and conducting research on the biological, clinical, behavioral and social aspects of aging. Dr. Hodes has devoted his tenure to the development of a strong, diverse and balanced research program. This has led to new and innovative ways to conduct research, share data and translate findings into practice. Basic biologic research is examining genetic and other factors influencing aging, how they affect longevity and the development of age related diseases. Research in geriatrics is uncovering new ways to combat frailty and improve function with age. Behavioral and social

research is deepening understanding of the individual behaviors and societal decisions that affect well-being.

Dr. Hodes also directs the Federal effort to find effective ways to treat or prevent Alzheimer's disease, as the NIA is the lead NIH institute for this mission. Cutting edge research conducted and supported by the NIA, often in collaboration across institutes at the NIH, has helped to revolutionize the way we think about Alzheimer's disease and related dementias. Studies in genetics, basic mechanisms, imaging and biomarkers have spurred the development of potential therapies aimed at a variety of targets and the testing of interventions at the earliest signs of disease.

Dr. Hodes' research laboratory in the National Cancer Institute focuses on the cellular and molecular mechanisms that regulate the immune response. A graduate of Yale University, Dr. Hodes received his MD from Harvard Medical School. He is a Diplomate of the American Board of Internal Medicine, a member of The Dana Alliance for Brain Initiatives, a Fellow of the American Association for the Advancement of Science and a member of the National Academy of Medicine at the National Academies of Sciences, Engineering and Medicine.

Kathleen Kelly, MPA, is Executive Director of Family Caregiver Alliance, a national nonprofit that provides direct caregiver services, public policy development, research and public awareness regarding unpaid family caregivers. She oversees the regional SF Bay Area Caregiver Resource Center providing direct caregiver services, CA policy collaborations and the National Center on Caregiving. Currently Ms. Kelly is lead for the implementation of FCA's interactive caregiver record and digital service delivery platforms across the 11 Caregiver Resource Centers in California and project evaluation for the three-year program 2019-22. Ms. Kelly is a Co-Principal Investigator for Best Practice Caregiving database for evidence-based dementia interventions in partnership with the Benjamin Rose Institute on Aging and the Gerontological Society of America.

Ms. Kelly sits on a variety of state and national advisories such as the CA Task Force on Family Caregiving, Research Subcommittee of the CA Master Plan on Aging, the Home Alone Alliance on medical tasks/complex care for family caregivers, the National Advisory for the AARP State LTSS Scorecard, Engaging Family Caregivers Through Shared Access to the Electronic Health Record (Johns Hopkins School of Public Health, Harvard Medical School), Family Caregiver Resource and Dissemination Center for the RAISE Act (faculty) among others. Ms. Kelly has written and lectured about family caregiving, public policy, program and system development and use of consumer technology. She lives with her family in San Francisco, CA.

Shari Ling, MD, currently serves as the Deputy Chief Medical Officer for the Centers for Medicare and Medicaid Services (CMS). She assists the CMS Chief Medical Officer in the Agency's pursuit of CMS mission of Putting Patients First.

Dr. Ling's committed focus is on the achievement of meaningful health outcomes for beneficiaries and families through the delivery of high quality, person-centered care, across all care settings. Her leadership as the Acting Director for the Office of Clinician Engagement from December 2016 to March 2018 and continued support of the CMS Patients over Paperwork is part of this. Dr. Ling contributes her clinical expertise as a geriatrician and rheumatologist, and her program expertise as the DCMO, to the development and the implementation of the CMS Roadmap to address the opioid crisis.

Dr. Ling represents CMS on several Health and Human Services (HHS) efforts. She leads the Clinical Services Federal Workgroup for the National Alzheimer's Project Plan, and represents CMS on the workgroups to eliminate and prevent healthcare associated Infections (HAIs), the national strategy to combat

antimicrobial resistant bacteria (PACCARB), and also contributed to the Cancer Moonshot Initiative under the previous administration.

Dr. Ling earned a master's degree in gerontology in direct service at the Leonard Davis School of Gerontology, an M.D. degree at Georgetown University School of Medicine, completed a rheumatology fellowship at Georgetown University Hospital followed by a geriatric medicine fellowship at Johns Hopkins University School of Medicine. She continues her clinical work through the VA Loch Raven outpatient clinic as a volunteer dementia care provider, and has retained her appointment as part-time faculty in the Division of Geriatrics and Gerontology, Johns Hopkins University School of Medicine. Her clinical focus and scientific interest is in the care of persons with dementia, multiple chronic conditions, and functional limitations.

Janet Michel is a caregiver that resides in Havre de Grace, MD. She lovingly takes care of her husband, Kevin, who is diagnosed with Alzheimer's disease. She advocates for learning about this disease, coping with the challenges, and utilizing community resources available to all families. Ms. Michel is an active, founding member of the Johns Hopkins Memory Center Patient Family Advisory Council. She and Kevin received the Trailblazer Award at the 2016 Journey to Hope conference.

Douglas Pace, NHA, is the Director of Mission Partnerships with the Alzheimer's Association. In this role, he provides strategic leadership in quality, person-centered dementia care in long-term and community based care. Previously, Mr. Pace was the Executive Director of the Advancing Excellence in Long Term Care Collaborative (AELTCC). The AELTCC's major initiative was the Advancing Excellence in America's Nursing Home Campaign, a national campaign to improve the quality of life and quality of care for the country's nursing home residents. Prior to AELTCC, Mr. Pace was the Executive Director of the Long-Term Quality Alliance (LTQA). Before joining the LTQA, Mr. Pace was the Director of the Long-Term Care Solution Campaign at Leading Age in Washington, DC. He returned back to Leading Age in March 2008 after 18 months as the Executive Director of the National Commission for Quality Long-Term Care at The New School in New York, NY. Before joining the Commission, Mr. Pace was the Vice-President for Culture Transformation and the Director of Assisted Living and Continuing Care with Leading Age. Prior to joining Leading Age in June of 2001, Mr. Pace was the President of Leading Age Tennessee in Nashville, TN. He is a licensed Nursing Home Administrator who ran a 210 bed multi-level facility including a SNF, NF, a secured Alzheimer's unit and assisted living before joining Leading Age TN.

Lewis Sandy, MD, FACP, is Executive Vice President, Clinical Advancement, at UnitedHealth Group a diversified health care company dedicated to helping people live healthier lives and helping make the health system work better for everyone. UnitedHealth Group offers a broad spectrum of products and services through two distinct platforms: UnitedHealthcare, which provides health care coverage and benefits services; and Optum, which provides information and technology-enabled health services. At UnitedHealth Group (UHG) he focuses on clinical innovation, payment/delivery reform practice and policy, and physician/health professional collaboration.

Richard Schulz, PhD, is Distinguished Service Professor of Psychiatry and Director of Gerontology at the University of Pittsburgh. He earned his Ph.D. in social psychology from Duke University. Dr. Schulz has spent most of his career doing research and writing on adult development and aging. His work has focused on social-psychological aspects of aging, including the impact of disabling late life disease on patients and their families. He has been funded by NIH for more than three decades to conduct descriptive longitudinal and intervention research on diverse older populations representing illnesses such as cancer, spinal cord injury, stroke, Alzheimer's disease, heart disease, and arthritis. In the last decade, Dr. Schulz has become

interested in supportive interventions, including technology-based approaches designed to enhance patient functioning and quality of life of both patients and their families.

Dr. Schulz has been a leading contributor to the literature on the health effects of caregiving, Alzheimer's disease caregiving, and intervention studies for caregivers of persons with Alzheimer's disease. This body of work is reflected in more than 300 publications. He is also the author of numerous books, including the Handbook of Alzheimer's Caregiver Intervention Research, and the Quality of Life Technology Handbook. He chaired the National Academies of Sciences, Engineering, and Medicine committee which produced the report, Families Caring for an Aging America.

Dr. Schulz is the recipient of several honors, including the Kleemeier Award for Research on Aging and the Distinguished Mentorship in Gerontology Award from the Gerontological Society of America, and the M. Powell Lawton Distinguished Contribution Award for Applied Gerontology, the Baltes Distinguished Research Achievement Award, and the Developmental Health Award for Research on Health in Later Life from the American Psychological Association.

Melissa Simon, MD, is the George H. Gardner Professor of Clinical Gynecology, Vice Chair of Clinical Research in the Department of Obstetrics and Gynecology and a full tenured professor of Obstetrics and Gynecology, Preventive Medicine and Medical Social Sciences at Northwestern University Feinberg School of Medicine. She is also the Founder and Director of the Center for Health Equity Transformation and the Chicago Cancer Health Equity Collaborative, and co-program leader for cancer control and survivorship at the Robert H. Lurie Comprehensive Cancer Center. She is an expert in implementation science, women's health across the lifespan, minority health, community engagement and health equity. Dr. Simon also has a significant workforce development portfolio aiming to support more diverse people into healthcare and research careers. She created the first health care workforce development Massive Open Online Course (MOOC), "Career 911: Your Future Job in Medicine and Healthcare." She has been recognized with numerous awards including the highest mentoring award in the US, the Presidential Award in Excellence in Science Mathematics and Engineering Mentorship. She also has received the American Public Health Association Excellence Award, and this year she will receive the Weizmann Institute's women who change lives through vision and impact award. She is a member of the National Academy of Medicine's Roundtable on the Promotion of Health Equity, and also serves as an appointed member of the US Preventive Services Task Force. She recently was named a Presidential Leadership Scholar by the Clinton, Bush and Johnson Presidential Foundations. Raised in Detroit, she completed her bachelor's degree at the University of Chicago, her master's degree in public health at the University of Illinois at Chicago, her medical degree at Rush Medical College, her residency at Yale University, and her fellowship in family planning at Northwestern University.

Linda Teri, PhD, is Professor Emeritus in the Schools of Nursing and Medicine at the University of Washington and Affiliate Faculty of Kaiser Permanente Washington. She is Director of the Northwest Research Group on Aging, the NIA funded Roybal Center on Translational Research in Aging and recipient of the GSA's prestigious Lawton Award for "significant contribution in gerontology that has led to an innovation in gerontological treatment... that improves the lives of older persons" and the Alzheimer's Association Million Dollar Pioneer Award. Both the US Administration on Aging (AoA) as well as the Rosalynn Carter Center for Caregiving have identified programs developed and tested by Dr. Teri and her team as exemplars of evidence-based programs ready for translation and dissemination into the community.

With over 350 publications in high impact quality journals, over 50 NIH funded grants, Dr. Teri has accomplished groundbreaking research on interventions for patients with Alzheimer's disease and related disorders (ADRD), by developing and testing systematic strategies for training family caregivers and health

care staff in appropriate problem solving and behavior management approaches. The novelty of her work is that it challenges the usual assumption that problem behaviors in ADRD are determined solely by brain pathology, and that intervention must therefore be pharmacological, or involve teaching caregivers to better accept or adapt to these problems. Her work empowers caregivers by teaching them skills that enable them to reduce problems and improve life quality for both themselves and the person with dementia. She has worked to insure these innovations are readily available for others to implement and scale up, locally, nationally and globally.

Jennifer Weuve, MPH, ScD, is an associated professor of epidemiology at the Boston University School of Public Health. She pursues answers to questions in two major realms of human health: (1) the health effects of being exposed to environmental toxicants and (2) the causes of dementia. She is PI or co-investigator of several funded projects that encompass both of these realms by investigating the relation of environmental exposures to cognitive and physical decline in older age. Dr. Weuve is also a PI and co-director of the international MMethods in LOngitudinal research on DEMentia initiative (MELODEM); Co-Director of The AlzRisk Project, a web-based collection of epidemiologic findings on non-genetic risk factors for Alzheimer disease; and consultant to the Alzheimer's Association and Health Effects Institute.