

Accessible and Affordable Hearing Health Care for Adults

Committee

Dan G. Blazer, II

Chair

Dan Blazer is the JP Gibbons Professor of Psychiatry Emeritus at Duke University. He served nine years as chair of the Department of Psychiatry and Dean of Medical Education at Duke School of Medicine. Dr. Blazer's research interests include the epidemiology of late life substance use disorders and depression, psychosocial predictors of adverse health outcomes, and trajectories of health outcomes. He has worked on the Established Populations for Epidemiologic Study of the Elderly (EPESE) and the National Comorbidity Study. He is the author or editor of 36 books including *The Age of Melancholy: Depression and its Social Origins* and a research methods textbook for clinical psychiatry research. He has produced a second edition of *Emotional Problems in Later Life*, authored or co-authored more than 200 published abstracts and over 450 peer-reviewed articles. Dr. Blazer was president of the American Association of Geriatric Psychiatry and is a current member of the editorial board of the *JAMA Psychiatry*. He has been a member of the Institute of Medicine since 1995. Currently he is the chair of the IOM Board on the Health of Select Populations. He has served as member or chair of many past IOM committees. He received the Walsh McDermott Award for Distinguished Service to the IOM in 2014.

Brenda Battat

Member

Brenda Battat, M.S., is the retired executive director of the Hearing Loss Association of America (HLAA). During 24 years with the HLAA, 5 as executive director, she led nationwide advocacy efforts to change the way society views hearing loss, pushed for accessible and affordable hearing health care and consumer choice in the marketplace, promoted hearing-friendly environments through technology such as looping and captioning, and successfully advocated for hearing-aid-compatible mobile products. She upheld the philosophy of self-help and encouraged and taught consumers to self-advocate. Ms. Battat has served on government, professional, and business advisory boards, including the U.S. Access Board's Telecommunications Access Advisory Committee, the Federal Communications Commission's Consumer/Disability Advisory Committee, the AT&T Advisory Panel on Access and Aging, the National Advisory Group—National Technical Institute for the Deaf, the American and Northwest Airlines Consumer Advisory Committees, and the National Institute on Deafness and Other Communication Disorders (NIDCD) Advisory Council of the National Institutes of Health (NIH). Ms. Battat received an M.S. in education from Indiana University and B.Sc. in physical therapy from St. Mary's Hospital, London, England. For her work she received the Sheldon Williams Itzkoff Leadership Award (2010); Robert H. Weitbrecht Telecommunications Access Award (2007); Oticon Focus on People Advocacy Award (2005); and Self Help for Hard of Hearing People National Access Award (2002).

Karen J. Cruickshanks

Member

Dr. Cruickshanks completed her PhD in Epidemiology at the University of Pittsburgh Graduate School of Public Health in 1987 and has been a faculty member at UW-Madison since 1990. Her research program is studying the health problems of aging through epidemiological cohort studies. The Epidemiology of Hearing Loss Study (EHLS) is funded by the National Institute on Aging (AG11099) to study hearing, olfactory, and cognitive impairments in a population-based cohort of 3500 older residents of Beaver Dam, WI. The focus of this research is on the roles of inflammation and vascular factors on age-related disorders. The Beaver Dam Offspring Study funded by the National Institute on Aging (AG021917) follows the adult child of the EHLS to study generational differences in risk of age-related sensorineural disorders. She is the Director of the EpiSense Audiometry Reading (EAR) Center which provides support for other cohort studies of hearing, including the Hispanic Community Health Study, a multi-center study of 16,000 Latinos, and the Epidemiology of Diabetes Interventions and Complications (EDIC) study of hearing impairment. A major theme of her research are the links between subclinical atherosclerosis, inflammation and the sensory and neurological disorders of aging. Dr. Cruickshanks has served on a number of Institute of Medicine committees including the Committee on Gulf War and Health: Long-Term Effects of Blast Exposure.

Jennifer E. DeVoe

Member

Jennifer E. DeVoe, M.D., D.Phil is a practicing family physician and doctorally trained health services researcher who studies access to health care, disparities in care, and the impact of practice and policy interventions on vulnerable populations. Her research portfolio spans both OHSU Family Medicine and OCHIN, Inc., a health IT network based in Portland, OR. Dr. DeVoe leads a multidisciplinary research team with expertise in informatics, sociology, epidemiology, biostatistics, economics, primary care, mental health, health-services research, clinical medicine, health-care disparities and anthropology. Using large health insurance claims, electronic health record (EHR), and self-reported datasets, this OHSU/OCHIN team uses informatics and analytics to conduct policy-relevant and practice-relevant studies. Research findings inform community, practice and policy interventions that help to improve the delivery of care for vulnerable populations and eliminate health disparities. Dr. DeVoe is Chief Research Officer at OCHIN where she serves as executive director of the OCHIN practice-based research network of community health centers. OCHIN operates in 19 states, supports more than 100 health-center networks and more than 4,500 medical providers who serve more than 2.5 million patients. Since 2004, Dr. DeVoe has collaborated with investigators on more than 30 studies to conduct health services, primary care, and disparities research in primary care clinics in the OCHIN network. Dr. DeVoe is currently the principal investigator on five research studies funded by the Patient-Centered Outcomes Research Institute (PCORI); the Agency for Healthcare Research and Quality; and the National Cancer Institute and the National Heart, Lung and Blood Institute, with nearly \$20 million in active grant funding. She also serves as PI of the ADVANCE Clinical Data Research Network, part of PCORnet, which is 'horizontally' integrating outpatient EHR data, creating a unique community laboratory for including disadvantaged and vulnerable patients across the country. Dr. DeVoe earned her MD from Harvard Medical School in 1999. Selected as a Rhodes Scholar in 1996, she also earned an MPhil and DPhil from Oxford University in 1998 and 2001, respectively. She completed her family medicine residency at OHSU in 2004.

Judy R. Dubno

Member

Judy R. Dubno, Ph.D., is a professor in the Department of Otolaryngology-Head and Neck Surgery at the Medical University of South Carolina in Charleston. Her research, which is supported by grants from the NIDCD/NIH, focuses on auditory perception and speech recognition in adverse listening conditions and how perception changes with age, hearing loss, hearing aids, and training. She previously served on the NIDCD Advisory Council of the NIH, two Institute of Medicine committees, as President and Secretary-Treasurer of the Association for Research in Otolaryngology, and is currently the President of the Acoustical Society of America. She is a Fellow of the Acoustical Society of America and the American Speech-Language-Hearing Association and the recipient of the James Jerger Career Award for Research in Audiology.

Richard Ellenson

Member

Richard Ellenson is CEO of the Cerebral Palsy International Research Foundation. He has spearheaded a major effort to transform basic healthcare for women with disabilities and developed a new initiative to use Kinect technology to provide an innovative gaming interface for people with disabilities. Prior to this, Richard was founder and CEO of two assistive technology companies (Panther and Blink Twice) which helped transform the field of assistive technology for people with disabilities. Richard has worked tirelessly to create awareness about people with disabilities and to share stories about their vibrant lives. He and his son have been featured as ABC World News People of the Year, on CNBC's Squawk Box, in a New York Times Sunday Magazine cover story, and as a feature on ESPN's E:60. Prior to this work, he was an advertising executive who created campaigns for brands such as American Express and Remy Martin, and who penned the classic line, "It's Not TV. It's HBO." Richard has been honored with the 2012 Visionary Leadership Award from Resources for Children with Special Needs, as a Caregiver of the Year by United Cerebral Palsy of NYC, and by many other organizations within the world of disabilities. He has served on the Advisory Council of the NIH's National Institute on Deafness and Communication Disorders and on the boards of the Center on Disabilities at California State University at Northridge, the United States Society for Alternative and Augmentative Communication, and the Assistive Technology Industry Association. He has also been the recipient of two NIH grants. Richard is a graduate of Cornell and holds an MBA from The Wharton School.

Barbara J. Evans

Member

Professor Evans joined the University of Houston Law Center in 2007. She is George Butler Research Professor and Director of the Center for Biotechnology and Law at UHLC and is an affiliated member of the Center for Medical Ethics and Health Policy at Baylor College of Medicine. She was named a Greenwall Foundation Faculty Scholar in Bioethics for the period 2010-2013 and conducts an active research agenda including projects funded by the National Institutes of Health and Food and Drug Administration. Her research interests include governance, privacy, and financing issues with large health information networks; regulation of genomic testing under the Food and Drug Administration's medical device regulatory framework and the Clinical Laboratory Improvement Amendments of 1988; and legal barriers to the introduction of new medical technologies and care-delivery concepts. Earlier in her career, she was a partner in the international regulatory practice of a large New York law firm and subsequently advised clients on U.S. privacy, research, and medical device regulatory matters. Prior to joining the University of Houston Law Center, she was a Research Professor of Medicine and Director of the Program in Pharmacogenomics, Ethics, and Public Policy at the Indiana University School of Medicine/Center for Bioethics. She holds an electrical engineering degree from the University of Texas at Austin; M.S. and Ph.D. degrees from Stanford University; a J.D. from Yale Law School; an LL.M. in health law from the University of Houston; and she completed a post-doctoral Fellowship in Clinical Ethics at the M.D. Anderson Cancer Center.

Ellen J. Flannery

Member

Ellen Flannery is co-chair of the firm's global food and drug law practice group. She advises clients on regulatory strategies and compliance for medical devices, pharmaceuticals, and biological products. She has significant experience in successfully helping clients to navigate the regulatory process. Ms. Flannery's clients range from large multinational companies to development-stage companies, venture capital firms, clinical laboratories, and trade associations. She has experience with cutting-edge technologies, including, for example, companion diagnostics, software and mobile medical apps, imaging devices, combination products, and humanitarian use devices. She has successfully helped clients to: develop strategic plans for obtaining FDA marketing clearance or approval; appeal from adverse determinations in IDE and 510(k) contexts; respond to FDA quality system inspections, including 483s and warning letters; and undertake product recalls. She has experience with CLIA waiver applications and laboratory-developed tests. She advises clients on postmarket reporting requirements, and advertising and promotional issues. Ms. Flannery has served on Institute of Medicine committees that studied medical device and orphan drug matters, taught food and drug law seminars at three law schools, and regularly publishes and presents on regulatory developments. She is Co-Editor-in-Chief of Covington's InsideMedicalDevices blog.

Darrell J. Gaskin

Member

Darrell J. Gaskin is an internationally known expert in healthcare disparities, access to healthcare for vulnerable populations, and safety net hospitals. He is Deputy Director of the Johns Hopkins Center for Health Disparities Solutions. He seeks to identify and understand barriers to care for vulnerable populations; and to develop and promote policies and practices that will improve access to care for the poor, minority and other vulnerable populations, and eliminate racial/ethnic and socioeconomic disparities in healthcare. His current projects explore the relationship between "place" and healthcare disparities and examine racial/ethnic and socioeconomic disparities in hospital care. Dr. Gaskin's research has been published in HSR, Health Affairs, Medical Care Research and Review, American Journal of Public Health, Medical Care and Inquiry. Currently, he serves on the Editorial Boards of HSR, Medical Care Research and Review and Medical Care. He served on the Institute of Medicine's Committee on Valuing Community-Based, Non-Clinical Prevention Programs and the Committee on the Future of Emergency Care in the U.S. Health System. He is Vice Chair of the Board of Directors of AcademyHealth and a member of the Center for Health Policy Development Board, the board of directors for the National Academy of State Health Policy. He involved in federal and state health policy. He was a member of the Congressional Black Caucus Commission on the Budget Deficit, Economic Crisis, and Wealth Creation. He is a former member of the Board of Directors of the Maryland Health Insurance Plan, the state's high-risk pool. He served as the Vice Chair of the Board of Directors of the Maryland Health Benefits Exchange Commission from 2011 to 2015.

William R. Hazzard

Member

William R. (Bill) Hazzard (MD) is a Professor of Internal Medicine who has recently returned to the Wake Forest School of Medicine at the J. Paul Sticht Center on Aging in Winston-Salem, NC. His focus on aging began ~40 years ago in Seattle when following training in Endocrinology and Metabolism and initiating the Northwest Lipid Research Clinic, he was asked to develop the program on Gerontology and Geriatric Medicine at the University of Washington. Following a sabbatical year in the United Kingdom learning the British approach to Geriatrics, he successively initiated programs in Geriatric programs at 3 American academic health centers, in so doing moving progressively toward the center of the Department of Internal Medicine as a Division Head at Washington, Vice chairman at Hopkins, and finally in 1986 as chairman at Wake Forest , where his negotiated recruitment goal was specifically to “gerontologize” the department and the institution, notably from a newly designed and constructed Sticht Center on Aging, which opened in 1997. Now in semi-retirement his greatest satisfaction continues to derive from promoting the career development with a focus on aging across the lifespan with students, fellows, and faculty at the Sticht Center and as a leading institutional priority to witness how deeply and broadly its program has continued to expand throughout the university and community. Through all of this he remains fascinated by the question that first drew him to this field: Why do women live longer than men?

Frank R. Lin

Member

Frank R. Lin, M.D., Ph.D., is an Associate Professor of Otolaryngology, Geriatric Medicine, Mental Health, and Epidemiology at the Johns Hopkins University School of Medicine and the Bloomberg School of Public Health. Dr. Lin completed his medical education, residency in Otolaryngology, and Ph.D. in Clinical Investigation, all at Johns Hopkins. He completed further otologic fellowship training in Lucerne, Switzerland. Dr. Lin's clinical practice is dedicated to otology and the medical and surgical management of hearing loss. His epidemiologic research focuses on how hearing loss impacts the health and functioning of older adults and the role of hearing rehabilitative strategies in potentially mitigating these effects. In particular, his research group has demonstrated that hearing loss in older adults is strongly and independently associated with the risk of cognitive decline, incident dementia, impairments in physical functioning and mobility, and greater health care resource utilization in multiple epidemiologic studies. He collaborates extensively with researchers across multiple fields including gerontology, cognitive neuroscience, audiology, and epidemiology, and he has collaborative working relationships with individuals in industry, government, and non-profit advocacy organizations. In January 2014, he co-chaired for the Institute of Medicine and the National Research Council a two-day workshop on hearing loss and healthy aging in Washington DC.

Nicole Marrone

Member

Nicole Marrone, Ph.D., CCC-A, holds the James S. and Dyan Pignatelli/Unisource Clinical Chair in Audiologic Rehabilitation for Adults at the University of Arizona and is an assistant professor in the Department of Speech, Language, and Hearing Sciences. Her research investigates hearing loss and rehabilitation in adults. She is currently collaborating with public health researchers and community health workers to increase access to hearing healthcare among older adults on the U.S.-Mexico border. This interdisciplinary research is supported by the NIH.

Jose A. Pagan

Member

José A. Pagán is Director of the Center for Health Innovation at The New York Academy of Medicine and Professor in the Department of Population Health Science and Policy at the Icahn School of Medicine at Mount Sinai. He is a former Robert Wood Johnson Foundation Health & Society Scholar with expertise in health economics and health services research. Dr. Pagán received his PhD in economics from the University of New Mexico and he is also Adjunct Senior Fellow of the Leonard Davis Institute of Health Economics at the University of Pennsylvania. Dr. Pagán has served as a consultant on health insurance coverage for the Institute of Medicine and is a member of the National Advisory Committee of the RWJF Health & Society Scholars Program. He is also a member of the Board of Directors of the American Society of Health Economists. Dr. Pagán was the Principal Investigator of a three-year, \$7.3 million Health Care Innovation Award from the Centers for Medicare & Medicaid Services to develop and implement the Brookdale Senior Living Transitions of Care Program. He was also Professor and Chair of the Department of Health Management and Policy, School of Public Health, University of North Texas Health Science Center.

Thomas Pippin

Member

Thomas Pippin has worked in the hearing health field as a hearing instrument specialist since 1967. From 1973 to 2014 he owned his own practice with multiple offices. He retired in 2014. Mr. Pippin served on the Wisconsin state licensing board for hearing instrument specialists for ten years, serving as chairman of the board for nine years. While serving on the board he worked to promote interdisciplinary teamwork in hearing health care. He was active for over 23 years in working with the Wisconsin licensing exam including testing oversight and rewriting of the exam. Mr. Pippin has served on numerous state and national committees regarding hearing health, particularly regarding licensing and regulation. His work has focused on consumer service and ensuring quality hearing health care. Mr. Pippin has an extensive collection of antique hearing aids and has written several books on the topic.

Katherine D. Seelman

Member

Katherine D. Seelman, Ph.D. is associate dean of disability programs and professor of rehabilitation science and technology at the School of Health and Rehabilitation Sciences, University of Pittsburgh. She holds secondary appointments in the School of Public Health and the Center for Bioethics and an adjunct position at Xian Jiatong University, China. Formerly serving as co-research director she became senior policy adviser for the National Science Foundation-supported Quality of Life Technology Engineering Research Center which is housed in the Robotics Institute at Carnegie Mellon University. Seelman has a lifetime interest in Science, Technology, Public Policy and Disability. She is a member of the National Council on Disability and has served as a consultant to the World Health Organization's (WHO) blindness and deafness unit and to the World Bank. She was one of two from the U.S. serving on the WHO/World Bank's 9-member international editorial committee to guide the development of the first World Report on Disability and presented a chapter of the Report, for which she was a principal section author, in 2011 at the United Nations. During the Clinton Administration, she served for seven years as the Director of the National Institute on Disability and Rehabilitation Research in Washington, D.C. She was the recipient of the University of Pittsburgh Chancellor's Distinguished Service Award in 2007. Dr. Seelman, who is hard-of-hearing, serves as adviser to the University's Students for Disability Advocacy and is co-chair of the City of Pittsburgh-Allegheny County Task Force on Disability. She is widely published and the recipient of many awards.

Debara L. Tucci

Member

Debara L. Tucci, M.D., M.S., M.B.A. is Professor of Otolaryngology Head and Neck Surgery, at Duke University. Dr. Tucci has an active clinical/surgical practice in otology, neurotology and skull base surgery and also conducts basic science and clinical research. Prior to medical school, she received a MS in Audiology from the University of Michigan and worked as a clinical audiologist for 4 years at University of Virginia Hospital. She is co-investigator on an NIH-funded grant focused on establishing a network of academic and community based research sites to conduct clinical research in hearing and balance disorders. In this effort she interfaces with the Duke Clinical Research Institute, and has been able to access the resources of that Institute for program development. Dr. Tucci has served as a research, clinical, and career mentor to residents and medical students for the past 20 years; other relevant institutional experience includes her service on the Duke University School of Medicine Academic Promotions and Tenure Committee. Dr. Tucci's leadership roles in professional societies include: President of the American Auditory Society, Secretary Treasurer and President of the American Neurotology Society, President of the Association for Research in Otolaryngology, Board of Directors for the American Academy of Otolaryngology Head and Neck Surgery, Research Fund Trustee and Council member (Education Director and President-Elect) of the American Otological Society. She completed a year-long leadership training program, Executive Leadership for Academic Medicine, and holds an MBA degree with a certificate in Health Sector Management from the Duke Fuqua School of Business.

David A. Zapala

Member

David Zapala is an Associate Professor of Audiology in the College of Medicine, Mayo Clinic Foundation and leads the audiology section at the Mayo Clinic in Jacksonville. In his current role, he is directly involved in patient care; resident, fellow and post-doctoral mentorship; and clinical research. From a research perspective, Dr. Zapala has focused on refining methods for determining when hearing and balance problems result from benign conditions and when they are signs of serious, life-threatening disease to improve physicians' and audiologists' ability to make this determination so that individuals seeking non-medical treatments, such as hearing aids, can do so safely. His work is currently supported by the Mayo Clinic, the Knowles Foundation and NIDCD.