

Yuri Agrawal, MD



Dr. Yuri Agrawal is an Neurotologist-Skull Base Surgeon whose practice is focused on the medical and surgical treatment of ear, hearing, and balance disorders. She sees patients for a range of conditions including hearing loss, deafness, otosclerosis, cholesteatoma, skull base tumors, acoustic neuromas and vestibular (inner ear balance) disorders. She directs a research program focused on studying age-related changes in vestibular function, and her group's work is funded by several NIH and foundation grants.

Bara A. Alsalaheen PT, PhD



Bara Alsalaheen, PT, PhD received his PhD in Rehabilitation Sciences from the University of Pittsburgh and his professional physical therapy education from the University of Jordan, Amman, Jordan. Currently, he is an associate professor of physical therapy in the College of Health Sciences at University of Michigan-Flint. Dr. Alsalaheen is a co-author of the physical therapy clinical practice guidelines for concussion and he authored or coauthored more than 30 articles on Medline. Dr. Alsalaheen's current work is examining factors associated with variations in concussion risks and recovery including health services research related to concussion.

Eric Anson, PT, PhD



Eric Anson, PT, PhD completed his physical therapy education at Texas Tech University Health Sciences Center in 2003 and received his PhD in kinesiology in 2015 from the University of Maryland. He completed a postdoctoral fellowship in aging vestibular physiology at the Johns Hopkins School of Medicine in the Department of Otolaryngology-Head and Neck Surgery. Currently, he is an assistant professor in the Department of Otolaryngology at the University of Rochester. His research interests include age-related changes in vestibular function, the functional impact of vestibular disorders and concussion, and adaptability of vestibular perception in vestibular rehabilitation. Dr. Anson's research has been funded by the National Institutes of Health and the Foundation for Physical Therapy Research. He has authored or coauthored 29 articles and presented at national and international conferences.

Adolfo M. Bronstein, MD



Adolfo Bronstein is Professor of Clinical Neuro-otology at Imperial College London and a Consultant Neurologist at Charing Cross Hospital and at the National Hospital for Neurology and Neurosurgery, Queen Square, London. He has written over 300 papers on clinical and basic aspects of eye movements, balance, and spatial orientation. In 2008 he obtained the Nysten-Hallpike Prize of the Barany Society for outstanding contribution to clinical neuro-otology. Amongst other jobs he has been the first chairman of the British Society of Neuro-otology, chairman of the neuro-otology panel for the European Federation of Neurological Sciences and president of the clinical neuroscience section of the Royal Society of Medicine. His current research interests are the high order mechanisms involved in central compensation of vestibular disorders and the role of small vessel white matter disease in balance dysfunction in the elderly.

Janet Callahan PT, DPT, MS, NCS



Janet received her BS in Physical Therapy from the University of Vermont and her advanced masters in neurologic physical therapy and her tDPT from the MGH Institute of Health Professions. She has extensive experience in the field of neurological physical therapy with subspecialties in vestibular rehabilitation and movement disorders including dystonia and functional neurological disorders. She has developed and taught vestibular courses for the Neurology Section of the APTA nationally. Dr. Callahan was the recipient of the APTA Neurology Section's Award for Clinical Excellence in 2012. Janet is an assistant professor Emerita at the MGH Institute of Health Professions.

Amy Cassidy DPT, NCS



Amy R Cassidy PT, DPT, NCS received her Doctor of Physical Therapy degree in 2008 from Gannon University in Erie, PA. She became a Board Certified Neurologic Clinical Specialist in 2017. She is currently the Facility Director at UPMC Centers for Rehab Service Balance and Vestibular Clinic at UPMC Eye and Ear Institute. Dr. Cassidy was appointed as Adjunct Faculty for the University of Pittsburgh School of Health and Rehabilitation Sciences in 2021. She co-coordinated a Quality Improvement project to decrease the time of care from presentation in the ED with acute dizziness to being treated in outpatient physical therapy for UPMC. In addition to treating patients with vestibular/neurological diagnoses full time she is also the co-coordinator of EpicCare education for the Centers for Rehab Services organizing the training of electronic health record documentation within the company and is a staff physical therapist at the UPMC Critical Illness Recovery Center.

Yoon Hee Cha, MD



Dr. Yoon-Hee Cha is a Board certified Neurologist with subspecialty training in Neurotology. She is Associate Professor in the Department of Neurology at the University of Minnesota where she runs a research program using functional neuroimaging and non-invasive brain stimulation to study central neurological disorders such as mal de debarquement syndrome and other causes of persistent oscillating vertigo as well as the association between headache and vestibular symptoms. She has performed research using fMRI, PET, EEG, transcranial magnetic stimulation, and transcranial electrical current stimulation. She received her education from Stanford University, Mayo Medical School, Brigham and Women's Hospital, the University of California San Francisco, and the University of California Los Angeles.

Elizabeth Dannenbaum PT, M.Sc



Elizabeth Dannenbaum works in an outpatient vestibular program of the Jewish Rehabilitation Hospital in Laval, Quebec, Canada. She began working in this area 20 years ago after specializing in vestibular rehabilitation in Israel. Presently she works as a physiotherapist and clinical research associate. Her interest focus is on clinical assessment and treatment tools for people with vestibular deficits. This includes developing a questionnaire for the evaluation of visual vertigo and furthering the understanding of the clinical visual-vestibular interactions. She is also interested in vestibular impairment in the pediatric population.

Pamela M Dunlap PT, PhD, NCS



Pamela M. Dunlap, PT, DPT, PhD received her Doctor of Physical Therapy degree in 2011 and PhD in Rehabilitation Science in 2020 from the University of Pittsburgh. She has been a board certified Neurologic Clinical Specialist since 2015. Dr. Dunlap directed the UPMC Centers for Rehab Services Balance and Vestibular outpatient physical therapy clinic from 2012-2016 and has 10 years of experience treating individuals with balance and vestibular disorders. Her research interest is in outcome measurement and improving quality of care for persons with vestibular disorders. Dr. Dunlap is currently a Post-Doctoral Associate in the Department of Epidemiology at the University of Pittsburgh where she is focusing on the measurement of community mobility in older adults. Dr. Dunlap has received funding for her research from the University of Pittsburgh School of Health and Rehabilitation Sciences and the APTA Academy of Geriatric Physical Therapy. She has presented nationally and internationally including at the APTA Combined Sections Meeting, the Barany Society Meeting, and the annual course “Vestibular Rehabilitation: An Advanced Course and Update”.

Terry D. Fife, MD



Dr. Terry Fife is the Director of the Otoneurology and Balance Disorders Program and the Director of Graduate Medical Education (DIO) at Barrow Neurological Institute in Phoenix. He is a Professor of Neurology at the University of Arizona College of Medicine and is board certified in both internal medicine and in neurology. Dr. Fife graduated from University of Arizona magna cum laude, Phi Beta Kappa and Phi Kappa Phi with Honors in Chemistry. He graduated from Texas A&M University College of Medicine then completed internal medicine residency training at the University of California, Davis and then trained in neurology at UCLA followed by a fellowship also at UCLA. He specializes otoneurology and has published numerous articles on the topics of vertigo, disorders of balance and equilibrium including cerebellar ataxia, chronic imbalance, hydrocephalus, recurrent falling and syncope.

Joseph M. Furman, MD, PhD, FAAN



Joseph Furman is a Professor in the Departments of Otolaryngology, Neurology, Bioengineering, and Physical Therapy at the University of Pittsburgh and director of the division of balance disorders at the University of Pittsburgh Medical Center. His education includes an M.D. and a Ph.D. in Bioengineering from the University of Pennsylvania, a residency in neurology at UCLA, and a fellowship in non-surgical otology at the University of Toronto. Dr. Furman's area of expertise is vestibular function and balance disorders. Dr. Furman is a board certified neurologist, a fellow of the American Academy of Neurology and a member of the American Neurological Association. Dr. Furman's clinical activities include the evaluation of patients with dizziness and disequilibrium and consultation neurology. Dr. Furman's research interests include vestibulo-ocular function in older persons, otolith-ocular reflexes, and migraine-related dizziness. Dr. Furman has received several NIH grants in these research areas and has published over 180 refereed articles.

Colin Grove, DPT, PhD, NCS



Colin R. Grove, PT, DPT, PhD received his academic doctorate in Clinical Investigation from the University of Wisconsin-Madison and his clinical doctorate in physical therapy from Temple University in Philadelphia, PA. At present, he is a postdoctoral fellow in the Department of Kinesiology at the University of Wisconsin-Madison. His research interests involve understanding the sensory and perceptual challenges to balance and gait in persons with labyrinthine dysfunction. Dr. Grove is a Board-certified Specialist in Neurologic Physical Therapy. For the past 27 years, he has practiced neurologic and vestibular physical therapy at the University of Wisconsin Hospital and Clinics.

Courtney D. Hall PT, PhD



Dr. Hall received her Ph.D. in Kinesiology from the University of Texas at Austin and her professional physical therapy education from University of North Carolina at Chapel Hill. Currently she is a research health scientist at the Hearing and Balance Research Program at the Mountain Home VAMC and professor in the Physical Therapy Program at ETSU. Her clinic and research focus is towards understanding age-related changes in balance control and how best to intervene therapeutically to prevent loss of mobility and falls and reduce dizziness. Dr. Hall's current research is funded through the Department of Veteran's Affairs, Department of Defense, and the National Institutes of Health, and seeks to develop novel rehabilitation interventions using technology to alleviate symptoms of dizziness and imbalance. Dr. Hall was the team lead for the Academy of Neurologic Physical Therapy's original and the updated CPG on vestibular hypofunction.

Regan G. Harrell DPT, NCS



Regan Harrell, PT, DPT, Board Certified Neurological Clinical Specialist: Regan graduated with her Doctorate in Physical Therapy from Duquesne University in 2015. After working in a small community-based hospital in Seattle, WA, she completed a neurological residency program with UPMC in Pittsburgh PA in 2018. She now works full time staff member at UPMC Rehab Institute working on the Brain Injury Unit and continues teaching in the clinical neurological coursework in the physical therapy programs of the University of Pittsburgh and Duquesne University. She is also a faculty member of the UPMC Neurologic Residency program and a course coordinator for the University of Pittsburgh's Advanced Vestibular Physical Therapist Certification Program.

Janet Helminski PT, PhD



Janet O. Helminski, PT, PhD received her PhD in Neurobiology and Physiology from Northwestern University's Institute of Neuroscience, MS in Physical Therapy from Northwestern University and her physical therapy education from Marquette University. Currently she is a Professor in Physical Therapy, in the College of Health Sciences, Midwestern University and Physical Therapist at Midwestern University's Multispecialty Clinic specializing in vestibular rehabilitation. Her current areas of research include management of atypical BPPV and uncompensated unilateral peripheral vestibular hypofunction. She lectures extensively on vestibular rehabilitation. She received the 2015 American Physical Therapy Association Jack Walker Award and 2013 Best Article Award from the Vestibular Special Interest Group of the Academy of Neurologic Physical Therapy for her articles on typical and atypical BPPV.

Susan J. Herdman PT, PhD



Susan J Herdman, PT, PhD received her PhD in neuroanatomy/anatomy from the University of Pennsylvania and her professional degree in physical therapy from the University of Pennsylvania. Currently she is Professor Emerita, Emory University School of Medicine, Department of Physical Medicine and Rehabilitation. Dr Herdman has received numerous grants, including from NIH, to support her work on the efficacy of exercises for individuals with vestibular deficits. She has authored or co-authored over 60 peer-reviewed articles, numerous chapters and several books including *Vestibular Rehabilitation*, now in its 4th edition. Although retired, her current research is focused on identifying factors that affect outcome in people with vestibular hypofunction and on reducing the redundancy of using multiple assessments in clinical practice.

Janene M. Holmberg, PT, DPT, NCS



Janene M. Holmberg, PT, DPT, NCS received her PT and DPT from the University of Utah. She has over 30 years of experience treating patients with vestibular disorders. She lectures nationally and internationally in the field of vestibular and balance rehabilitation with many leaders in the field. In 2014, Dr. Holmberg was received the "Clinical Excellence in Neurology" Award from the Academy of Neurology Physical Therapy (ANPT) of the American Physical Therapy Association (APTA). She is published in areas of BPPV, clinical updates on vestibular rehabilitation, and most recently in area of chronic dizziness secondary to functional/psychiatric disorders, specifically the diagnosis of Persistent Postural-Perceptual Dizziness (PPPD). She is currently working in a leadership position for Intermountain Rehabilitation Services where she fosters collaboration, best-evidence care, clinical research and mentoring in addition to keeping a small clinical practice at the Hearing and Balance Center. She is respected skilled clinician and has mentored many in her field of expertise to better manage the complexities of the dizzy and unsteady patient.

Jorge Kattah, MD



Jorge C Kattah, M.D., FAAN. Received the M.D. from El Colegio Mayor de Neustria Senora Del Rosario, School of Medicine in Bogota, Colombia in 1972, followed by a residency in Neurology at Georgetown University and a fellowship at the University of Pittsburgh, at the Eye and Ear Hospital in Neuro-Ophthalmology. He became Professor of Neurology at Georgetown University and moved to the University of Illinois College of Medicine in Peoria as Professor and Head of Neurology and Neurosurgery in 1997. His research focus involves ocular motor function and vestibular medicine in neurologic disorders, particularly the acute vestibular syndrome in stroke, demyelinating diseases, Wernicke's and mitochondrial disorders. He has over 150 peer review articles and is a co-investigator in the AVERT trial.

Brooke N. Klatt, PT, DPT, PhD



Brooke N. Klatt, PT, DPT, PhD is an Assistant Professor in the Physical Therapy Department at the University of Pittsburgh. She received her BS in Kinesiology from Penn State University; DPT from New York University; PhD in Rehabilitation Science from University of Pittsburgh; and completed a post-doctoral fellowship at Johns Hopkins University. During her post-doctoral fellowship, she investigated the interplay between vestibular and cognitive function. Dr. Klatt continues to investigate this line of research and in addition to cognition, is interested in exploring other factors that are associated with activity and participation in people with vestibular disorders. Dr. Klatt has received support from the National Institutes of Health and the Department of Defense to conduct her research aiming to optimize vestibular rehabilitation delivery and outcomes.

Anthony P. Kontos, PhD



Dr. Anthony P. Kontos is Research Director for the UPMC Sports Medicine Concussion Program and Professor in the Departments of Orthopaedic Surgery and Sports Medicine and Rehabilitation at the University of Pittsburgh. He has specialized in concussion research for 17 years and has 343 professional publications and 325 professional presentations. His research is funded by the *Centers for Disease Control and Prevention*, *Department of Defense*, *National Institutes of Health*, and *National Football League* and focuses on active, precision treatments and clinical trials; risk factors; neurocognitive/neuromotor effects; psychological issues; and concussion in military, pediatric, and sport populations. Dr. Kontos is a fellow and past-president of the *Society for Sport, Exercise & Performance Psychology*, and a fellow of the *National Academy of Kinesiology*, *Association for Applied Sport Psychology*, and *Eastern Psychological Association*. He is also the lead co-author (with Dr. Collins) of *Concussion: A Clinical Profile Based Approach to Assessment and Treatment*.

Francisco Carlos Zuma e Maia MD, PhD



Francisco Carlos Zuma e Maia received his degree in Medicine from the School of Medicine and Surgery of Rio de Janeiro (1973), specialization in Otorhinolaryngology and Otoneurology in Strasbourg (France), Master and Doctorate in Medicine from the Federal University of Rio Grande do Sul. Currently he is Preceptor in Neurotology at Pontifícia Universidade Católica do Rio Grande do Sul (PUC-RS); Member of the Barany Society and the Ibero-American Neurotology Foundation (FINO). Member of the Brazilian Academy of Military Medicine; Member of the Research Group in Otology and Otoneurology at HCPA / CPPq. He is a retired medical Lieutenant Colonel in the Brazilian Air Force. He is author and co-author of three books of Neurotology and over 14 articles in MEDLINE. Acting mainly on the following themes: Vestibular Syndromes: VPPB, Meniere and Vestibular Neuritis.

Anne Mucha DPT, NCS



Anne Mucha is the Program Coordinator of Vestibular Rehabilitation for the University of Pittsburgh Medical Center Sports Concussion Program and the UPMC Centers for Rehab Services. She received her Bachelor's and Advanced Master's degrees in Physical Therapy from the University of Pittsburgh; and her Doctor of Physical Therapy degree from Temple University. Dr. Mucha is actively involved in clinical practice as well as research focused on vestibular and oculomotor assessment and treatment following mild TBI. She served as a member of the Centers for Disease Control panel of experts to develop clinical guidelines for diagnosis and management of mild TBI among children and adolescents. Dr. Mucha speaks national and internationally on concussion and vestibular/oculomotor disorders and is an adjunct faculty member in the School of Health and Rehabilitation Sciences at the University of Pittsburgh.

Catherine Palmer, PhD



Catherine Palmer is Professor in the Department of Communication Science and Disorders at the University of Pittsburgh and serves as the Director of Audiology for the UPMC Integrated Health System. Dr. Palmer conducts research in the areas of auditory learning post hearing aid fitting, the relationship between hearing, cognitive health and health outcomes, and matching technology to individual needs. She has published over 100 articles and book chapters in these topic areas as well as provided over 200 national and international presentations. Dr. Palmer teaches the graduate level amplification courses at the University of Pittsburgh, serves as Editor-in-Chief of Seminars in Hearing, and currently serves as the Past President of the American Academy of Audiology 2019-2020.

Marousa Pavlou, PhD, PT



Dr Pavlou is a Senior Lecturer in Physiotherapy at King's College London and has received over £1million in competitive research funding to develop new assessments and interventions for people with balance disorders. Dr Pavlou's research focuses on the development of low-cost assessment and rehabilitation tools for persons with balance disorders. Assessment tools she has developed include the Visually induced Dizziness Pediatric Questionnaire and a dual-task functional gait assessment for persons with balance disorders (manuscript in preparation). Dr Pavlou has also developed and implemented numerous clinical trials, with a particular emphasis on novel interventions which have led to clinically available resources such as the optokinetic DVD for treatment of visual dependence in person with balance disorders.

Michelle R. Petrak, PhD



Dr. Michelle Petrak is the Director of Clinical Audiology and Vestibular Research for Interacoustics. Her primary role is development and clinical validation of new technologies in the vestibular and balance areas. She is located in Chicago where she is a licensed private practice clinical audiologist at Northwest Speech and Hearing (NWSPH). Dr. Petrak received her doctorates in Electrophysiology (1992) and Biomolecular Electronics (1994) from Wayne State University and her Masters in Audiology in 1989. Her special areas of expertise include vestibular and balance assessments and management of the dizzy patient. Dr. Petrak is involved with new innovative product developments, clinical evaluations of new protocols, and publishing, teaching, and training on the management of patients with dizziness. She continues to lecture extensively nationally and internationally, and she has numerous articles published in the hearing industry journals. She also participates on the committees for several doctoral students as support for the research projects.

Alexander G.A. Ring, PT



Alexander G.A. Ring, BPT, APAM is a Physiotherapist from Perth, Western Australia. He graduated from the Christian Medical College - University of Madras in 1988 and then completed his AECOP through the Australian Physiotherapy Council in 1993. Mr Ring runs dedicated clinics 4 days a week in the areas of Concussion, Balance and Vestibular disorders. He is an Adjunct Research Fellow with the School of PT, Curtin University and Murdoch University, Western Australia. His current research looks at exercise exertion protocols and oculomotor/VOR dysfunction in Concussion. He is the Co-Chair of the Western Australian Concussion Network.

Matthew Scherer, PT, PhD, PT, PhD, NCS, LTC



Matthew R Scherer, PT, PhD, NCS received his Masters of Physical Therapy from the U.S. Army Baylor Physical Therapy Program in 2003 and his PhD from the University of Maryland Baltimore in 2010. He is a Board Certified Neurological Clinical Specialist since 2008. Currently, he is Military Deputy at the Clinical and Rehabilitative Medicine Research Program in Fort Detrick, MD since 2016. Dr Scherer has authored or coauthored more than 20 research articles as well as the textbook Physical Therapy for the Polytrauma Casualty with Limb Loss in Care of the Combat Amputee which was published in 2010. Dr Scherer was the Chair of the Vestibular EDGE Task Force for the APTA from 2012-2014. He is currently Army Medical Specialist Corps Task Area Manager for TBI and Behavioral Health since 2010. Dr. Scherer is the project officer for the Military Vestibular Assessment and Rehabilitation course

Michael C. Schubert, PT, PhD, FAPTA



Dr Schubert is Professor in the Department of Otolaryngology Head and Neck Surgery with a joint appointment in Physical Medicine and Rehabilitation at The Johns Hopkins University School of Medicine. He completed his PhD at the University of Miami and a post-doctoral fellowship at Johns Hopkins University. His clinical focus is treating gaze and gait instability in people with loss of vestibular sensation. His current research investigates differences in motor learning in the vestibulo-ocular reflex using different types of error signals. In addition, he is conducting a clinical trial using novel equipment to improve the vestibulo-ocular reflex.

Britta Smith, DPT, NCS



Britta Smith, PT, MMSc, DPT received her physical therapy degree from Medical College of Georgia and post-professional degrees from Emory University and A.T Still University. She is currently the Therapy Supervisor at Atlanta Medical Center in the Inpatient Rehabilitation Unit but has also worked in both the acute care and outpatient departments. While she originally provided vestibular rehabilitation in an outpatient setting, her current interest is in the provision of services across the continuum of care, especially very early after the onset of symptoms. Dr. Smith is active in the Vestibular Rehabilitation Special Interest Group and is a historian for the Academy of Neurologic Physical Therapy.

Patrick J. Sparto, PT, PhD



Patrick Sparto is a Professor in the Departments of Physical Therapy, Otolaryngology and Bioengineering. Dr. Sparto received his Ph.D. degree from Ohio State University in 1998 and completed Master of Physical Therapy degree at the University of Pittsburgh in 1999. He is the founding Co-Director of the DPT-PhD in Bioengineering program at Pitt. He works at the Centers for Rehab Services Vestibular Rehabilitation clinic and is active in the Academy of Neurologic Physical Therapy. Dr. Sparto's fields of interest include neuroimaging of balance and vestibular function, and management of vestibular disorders after concussion. Dr. Sparto has published over 100 referenced articles and has received funding from the NIH, and Department of Defense.

Jeffrey P. Staab



Jeffrey P. Staab, MD, MS received his MD from the University of Pittsburgh and MS in bioengineering from Carnegie-Mellon University. He completed an internship in internal medicine and residency in psychiatry at the National Naval Medical Center (now Walter Reed National Military Medical Center) in Bethesda, MD. Currently, Dr. Staab is Professor and Chair of the Department of Psychiatry and Psychology and Director of the Fellowship in ConsultationLiaison Psychiatry at Mayo Clinic, Rochester, MN. He is author or co-author of over 140 scientific articles, reviews, and chapters and serves on the editorial boards of six scientific journals in the fields of psychosomatic medicine and otorhinolaryngology. His current research uses psychological, physiological, and brain imaging to investigate various types of chronic dizziness, including persistent postural-perceptual dizziness (PPPD) and post traumatic dizziness

Vicky Stewart, PT PhD



Vicky Stewart, BPHTY, PhD received her PhD in vestibular physiotherapy from the Australian Catholic University and her professional physiotherapy education from the University of Queensland, Australia. Currently, Dr. Stewart works as an advanced Physiotherapist at the Gold Coast University Hospital, functioning as a primary contact vestibular physiotherapist for ENT and Neurology services, and secondary contact management post hospital presentation for vestibular disorders. She has over 12 years clinical experience managing individuals with vestibular disorders including in the emergency department through to the outpatient setting.

Dr. Stewart has authored or co-authored 6 articles and has presented at conferences nationally and internationally.

Raymond Van Der Berg, MD



Raymond van de Berg was born on September 5th 1984 in Geldrop, The Netherlands. He studied Medicine at the University of Maastricht from 2002 until 2008. Directly after graduation he started his residency in Otorhinolaryngology started at the Department of Otolaryngology and Head and Neck Surgery in Maastricht until 2013. He currently works as an Associate Professor and ENT-surgeon at Maastricht University Medical Center, with a special interest in vestibular disorders. His research initiatives mainly focus on the vestibular implant, bilateral vestibulopathy and vestibular diagnostics. He obtained his PhD (in medicine) cum laude, which won several scientific prizes. He is also head of the Department of Audiology, Head of the Vestibular Department and Assistant Professor at the Faculty of Physics in Tomsk, Russia.

Susan L. Whitney, DPT, PhD, NCS, ATC, FAPTA



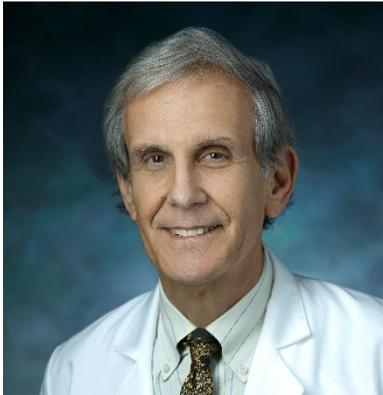
Susan L. Whitney, DPT, PhD, NCS, ATC, FAPTA received her PhD in motor development/motor learning from the University of Pittsburgh and her professional physical therapy education from Temple University in Philadelphia, PA. Currently, she is a professor in physical therapy in the School of Health and Rehabilitation Sciences, in the Department of Otolaryngology and the Center for Clinical and Translational Sciences at the University of Pittsburgh. Dr. Whitney is supported by the Department of Defense to develop technology for persons with vestibular disorders and to study exercise dosage. Dr. Whitney has authored or coauthored over 160 articles on Medline and is currently engaged in research related to concussion and persons with balance and vestibular disorders.

Dario Yacovino, MD



Dario Yacovino is a board-certified neurologist (Ministry of Public Health and Buenos Aires University, Argentina), with 20 years of experience in the treatment of neurology and neuro-otology patients. He completed a Postdoctoral Clinical Fellowship in Neuro-otology, Physical Therapy/Human Movement Science at Northwestern University Medical School, Chicago IL, USA (2003-2004). In 2014 he was Secretary of the Barany Meeting in Buenos Aires. For more than 10 years he was a staff member of the Neurological Research Institute “Raúl Carrea” (FLENI) Neuro-Otology Department in Buenos Aires, Argentina. Currently, he is a professor of Clinical Neurology at the Medical school of Buenos Aires University and an enthusiastic teacher of Post Graduated Vestibular and balance rehabilitation annual course (AAK). Professor Yacovino is Deputy chief of the Neurology Department at the Dr. Cesar Milstein Hospital, Buenos Aires and Head of the Buenos Aires Dizziness and Memory disorders Clinic. He has written over twenty indexed papers and six book chapters on clinical and basic aspects of vestibular disorders and a similar number of papers for local journals. He has acted as reviewer in several journals in the vestibular field. His current research interests include atypical variants of benign positional vertigo and new clinical aspects of vestibular disorders.

David S. Zee, MD



Dr. Zee began his scientific career at The Johns Hopkins University in 1965 as a medical student, completed his neurology residency there, and has been a member of the Johns Hopkins family for 55 years. He has a special interest in vision and eye movements, cerebellar function, and vestibular disorders. He has been a full professor since 1985 and is now the Paul and Betty Cinquegrana Professor. He is coauthor of the textbook, *The Neurology of Eye Movements* with Dr. R. John Leigh, with the fifth edition published in 2015, and he has published about 500 papers. Among his honors he received the Ottorino Rossi Prize from the University of Pavia in Italy, the Koetser Foundation Brain Research Prize in Zurich, the Johns Hopkins (Abeloff) Lifetime Achievement Award in Medical and Biomedical Education and the Hallpike-Nylen Medal and the Bárány Gold Medal from the Barany Society in Sweden.