

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 received her undergraduate degree from Stanford University and MD from Mayo Medical School. She completed her internship at Brigham and Women's Hospital, neurology residency at the University of California San Francisco, and neurotology fellowship at the University of California Los Angeles. In between she has also done research at the National Institutes of Health and the Laureate Institute for Brain Research. She is a fellow of the American Academy of Neurology and is on the classification

committee for the Barany Society which is an international society of vestibular specialists who write diagnostic criteria for vestibular syndromes. She is currently an Associate Professor in the Department of Neurology at the University of Minnesota, where she started a clinical program using non-invasive vascular imaging to study and treat vestibular syndromes that are associated with venous congestion. She has done work in functional neuroimaging and non-invasive brain stimulation to examine the central manifestations of vestibular syndromes. She now looks holistically at how musculoskeletal disorders impact the venous system and downstream alteration of neurological function.

Richard Clendaniel, PT, PhD, FAPTA



Dr. Richard Clendaniel clinical scientist, educator, clinician, and mentor in the DPT program at Duke. His training and scientific practice have made him a recognized expert in the rehabilitation of individuals with vestibular disorders. He is an invited lecturer nationally and internationally on the evaluation and management of people with dizziness. He has authored numerous papers and book chapters on vestibular system plasticity and treatment. He is the co-editor of a major textbook on vestibular rehabilitation. In addition to teaching and research, he maintains an active clinical practice in treating individuals with dizziness and imbalance. In addition to his faculty position within the DPT program at Duke, he has an adjunct faculty appointment and teaches in the Doctor of Audiology program at the University of North Carolina at Chapel Hill.

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 an Assistant Professor in the Department of Physical Therapy at the University of Pittsburgh. 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



Dr. 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.

Dan R. Gold, DO



Dr. Gold is an Associate Professor of Neurology, Ophthalmology, Otolaryngology - Head & Neck Surgery, Neurosurgery, Emergency Medicine, and Medicine at The Johns Hopkins University School of Medicine. He is a neurologist with fellowship training in neuro-ophthalmology at the University of Pennsylvania and additional training in neuro-vestibular disorders at Johns Hopkins and is the director of the Ocular Motor & Vestibular Oto-Neurology Fellowship within the Division of Neuro-Visual and Vestibular Disorders.

Dr. Gold maintains an active clinical practice, seeing patients with vestibular and neuro-ophthalmic conditions. He is also heavily involved in the education of residents and fellows, giving frequent lectures on topics related to his subspecialty expertise in addition to leading neuro-ophthalmology/ocular motor bedside teaching rounds. He has received awards for neurology resident and fellow education, clinical excellence, and for outstanding educational contributions to the Neuro-Ophthalmology Virtual Education Library (through the North American Neuro-Ophthalmology Society) via an ocular motor/vestibular collection (<https://novel.utah.edu/Gold/>). He has also written a Neuro-Ophthalmology & Neuro-Otology case-based textbook, which was published in early 2022.

Colin Grove, PT, 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 Hall, PhD, PT



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.

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 the Department of Physical Therapy, Rosalind Franklin University in Medicine and Science and Physical Therapist in Rosalind Franklin University Health Clinic. 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.

David Herdman, PT, PhD



David Herdman PhD obtained a Clinical Doctoral Research Fellowship from the National Institute for Health Research (NIHR) and completed his PhD in the Department of Health Psychology at the Institute of Psychology, Psychiatry and Neuroscience, King's College London. His research interests include psychological factors that affect symptom experience, implementation science, and developing integrated cognitive-behavioral therapy informed vestibular rehabilitation for persistent dizziness (the INVEST trial). Dr Herdman is the

Principal Physiotherapist for Neurology and Vestibular Outpatients at St George's University Hospital in London. He is a past Chair of the UK physiotherapy special interest group for vestibular rehabilitation (ACPIVR).

Susan Herdman, PT, PhD



Susan J Herman PT, PhD received her PhD in neuroanatomy/anatomy from the University of Pennsylvania and her professional degrees 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 focused on identifying factors that affect outcome in people with vestibular hypofunction and on reducing the redundancy of using multiple assessment in clinical practice.

Janene Holmberg, DPT, NCS



Janene M. Holmberg, PT, DPT, NCS graduated from the University of Utah with her entry level PT degree in 1987 and then in 2009 with her DPT. She has specialized in vestibular rehabilitation and helped to establish and build Intermountain's Hearing and Balance Center in Salt Lake City, Utah. She has over 30 years of experience treating wide variety of patients with vestibular and neurologic dizziness/balance problems. Dr Holmberg serves as faculty at the annual, internationally respected, Vestibular Competency Course (Drs Susan Herdman and Richard Clendaniel, directors) and has been integral in establishing and teaching balance/vestibular courses in the physical therapy schools of the University of Utah, Rocky Mountain University of Health Professionals, and Las Vegas (UVLV). She lectures nationally and internationally in the field of vestibular and balance rehabilitation with many leaders in the field at conferences, conventions and has presented numerous two-day courses in advanced vestibular/balance topics. She frequently presents educational sessions at national conventions and has been the keynote speaker in multiple state professional conferences. Dr. Holmberg was awarded Physical Therapist of the Year by the Utah Chapter APTA in 2001 for her specialty work in vestibular/balance rehabilitation and in 2014 received the Clinical Excellence in Neurology Award from the Neurology Section of the APTA. Dr Holmberg has served for years on the APTA Neurology Section's Vestibular Special Interest Group, advocating for the increased expertise and impact of vestibular rehabilitation. She was invited to serve as content expert for the Neurology section's Vestibular Specialization Task Force (2014) and the interdisciplinary, Otolaryngology Head Neck Surgery BPPV Clinical Practice Guideline (CPG) panel, that revised and published the updated BPPV CPG in 2017. 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.

Carrie Hoppes, PT, PhD, NCS, OCS, ATC, CSCS



LTC (Ret.) Carrie Hoppes is a Senior Scientist with The Geneva Foundation, where she supports military medical research related to traumatic brain injury, warfighter brain health, and pilot cognitive performance for the Advanced Exposures, Diagnostics, Interventions, & Biosecurity (AEGIS) program. She graduated from Lock Haven University of Pennsylvania in 2003 (BS), the U.S. Army-Baylor University Doctoral Program in Physical Therapy in 2006 (DPT), and the University of Pittsburgh in 2017 (PhD). Her dissertation work utilized functional near-infrared spectroscopy to study the cerebral activation of individuals with visual vertigo during

optic flow. Dr. Hoppes is a Board-Certified Clinical Specialist in both Neurologic and Orthopaedic Physical Therapy, a Certified Athletic Trainer, and a Certified Strength and Conditioning Specialist. She served as a physical therapist in the U.S. Army for over 20 years, and co-founded the Military Vestibular Assessment and Rehabilitation Course. She provides pro bono physical therapy services with Volunteers in Medicine at New Braunfels Christian Ministries.

David Howell, PhD, ATC



David R. Howell, PhD, ATC is an Associate Professor and Director of Clinical Research in the Department of Orthopedics at the University of Colorado Anschutz Medical Campus, and the Research Director at the Children's Hospital Colorado Sports Medicine Center. He received his PhD in 2014 from the University of Oregon in biomechanics & neurophysiology and completed a post-doctoral research fellowship in sports medicine at Boston Children's Hospital in 2017. He is the Director of the Colorado Concussion Research Laboratory, which is extramurally funded by NIH, DoD, and other funding

agencies. Dr. Howell has authored over 200 peer-reviewed publications in journals across the fields of sports medicine, biomechanics, neuroscience, rehabilitation, and pediatrics.

Klaus Jahn, MD



Klaus Jahn was educated at the Medical Schools of the University of Duisburg-Essen, the Technical University of Munich, Germany, and at the University of Wisconsin, Madison, WI, USA. He received his medical degree in 1996. For his MD thesis he investigated ligand-activated ion channels in thin brain slices using patch-clamp electrophysiology. He received training in Neurology at the Technical University of Munich (TU) and at the Ludwig-Maximilians University of Munich (LMU) and became board certified Neurologist and Intensive Care specialist in 2005. In 2006, he received his habilitation degree in Neurology and Clinical

Neurophysiology in Munich (LMU). The topic of his research thesis was the relation of balance control and eye movements. The same year he received the Richard Jung Award from the German Society of Clinical Neurophysiology and Functional Imaging (DGKN) for his work on balance and gait control. Klaus Jahn has been Consultant Neurologist at the University of Munich (LMU) 2006-2014. In 2009 he was among the initiators for an innovative unit for research and treatment, the German Center of Vertigo and Balance Disorders (DSGZ). He has been the director of this interdisciplinary center from 2012-2014. In 2015 he became Medical Director of the Schoen Clinic Bad Aibling, one of Europe's largest centers for Neurorehabilitation. He currently also holds a research position as head of Neurorehabilitation at the DSGZ (LMU Munich). Klaus Jahn published >200 original articles in international peer reviewed journals and contributed to numerous books and educational programs. His research focus is on balance, gait disorders, vertigo & dizziness, and neurorehabilitation.

Diego Kaski, MD



Diego Kaski is an international leader in Vestibular Neuroscience, with major publications in high-impact journals, including Nature Genetics, BMJ, Lancet Neurology, and Annals of Internal Medicine. He set up and heads the SENSE Research Unit within the Department of Clinical and Motor Neurosciences at UCL, and leads an active group of research exploring the neural mechanisms of spatial orientation and multisensory integration, with a strong translational element that aims to develop novel clinical biomarkers and therapies for vestibular disorders. He received the EAN Young Investigator award in 2015 and Barany Society Young instigator award in 2014.

He has over 160 peer-reviewed research publications, has written a book, and 8 book chapters in English and Spanish languages. As a marker of the prestige surrounding his unit, he welcomes regular International visiting fellows and receives frequent invitations to take part in International conferences, seminars and masterclasses.

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 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.

Megan Kenney, MOT, OTR/L



Megan Kenney is an occupational therapist who graduated from the University of Pittsburgh's School of Health and Rehab Science Occupational Therapy program in 2012. She previously worked with UPMC Centers for Rehab Services as chronic pain program director, and assistant outpatient occupational therapy program director. Megan also works with Pitt's OT department as an adjunct instructor. Megan recently transitioned to a new career position at the VA where she is developing a chronic pain program. Megan has specialized in chronic pain management for eight of her ten years as a clinician, and in that time has

developed multiple educational courses for students, staff and practitioners; developed a comprehensive occupational therapy chronic pain program offered at ten outpatient sites; and has participated in numerous chronic pain conferences and meetings at the national level. Megan has published several papers related to OT's role in chronic pain management and has received awards related to her role in education and advocacy for Occupational Therapists in chronic pain including the Occupational Therapy Alumni Award of Excellence from the University of Pittsburgh, the OT Award of Recognition from POTA, and the Distinguished Alumni Award from the University of Pittsburgh. Megan is also active in chronic pain research and has acted as lead therapist and principal investigator on studies related to chronic conditions.

Brooke Klatt, PT, PhD, NCS



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.

Victoria Kochick, PT, DPT, NCS



Victoria Kochick is a neurological board-certified physical therapist who currently teaches within the Doctor of Physical Therapy Program at Slippery Rock University. She previously coordinated the exertion therapy program of the UPMC Sports Medicine Concussion Program. She earned both her bachelor's degree in exercise science and her doctorate in physical therapy from Slippery Rock University. She completed the UPMC Centers for Rehab Services Neurologic Residency Program in 2015, where she received vast clinical experience in stroke rehabilitation, acute neuro-trauma, spinal cord injury

rehabilitation, brain injury rehabilitation, outpatient neurology/vestibular rehabilitation, and outpatient vestibular/ exertion therapy post-concussion. Dr. Kochick is currently a member of the American Physical Therapy Association and the Academy of Neurologic Physical Therapy. She is actively involved with research projects on activity post-concussion and clearance criteria for discharge and currently serves on the ANPT's Concussion CPG Knowledge Translation Taskforce.

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*.

Thomas Lempert, MD



Thomas Lempert is Professor of Neurology at Charité University Hospital and Head of Neurology at Schlosspark-Klinik in Berlin, Germany. He spent most of his professional life at Charité University Hospital as a general neurologist and neuro-otologist. He learnt to treat dizzy patients a research at the University Hospital in Munich (Prof. Thomas Brandt) and later at the MRC

Movement and Balance Unit in London (Prof. Adolfo Bronstein and Prof. Michael Gresty). He heads the Vestibular Migraine Group of the Classification Committee of the International Bárány Society.

Julie Maggio, PT, DPT, NCS



Julie received her DPT from Quinnipiac University. She is currently the Neurologic Clinical Specialist for outpatient physical therapy at Mass General Hospital where she oversees neurologic clinical practice. In addition, she is an affiliated researcher with the MGH Functional Neurology Research Group. She works exclusively with patients who have neurologic dysfunction and has extensive experience treating patients with Functional Neurological Disorders (FND). Her research is focused on outpatient care of FND and she actively lectures on physical therapy for treatment of FND. Julie is a founding member of the FND society and is recognized as a Certified

Neurologic Clinical Specialist by the American Board of Physical Therapy Specialties.

Dara Meldrum PhD, PT



Dr. Dara Meldrum is an Associate Professor at the School of Medicine, Trinity College Dublin. A vestibular physiotherapist practicing for over 25 years, she also holds a clinical position at the Balance Centre in Ranelagh, Dublin. Her research is in neuro-rehabilitation with particular interest in vestibular rehabilitation, ALS and technology in rehabilitation. She completed her PhD in the area of the use of technology in vestibular rehabilitation.

Dr. Meldrum has published over 70 peer reviewed papers and 5 book chapters. She is funded by Science Foundation Ireland, the Irish Health Research Board and in recent times by Enterprise Ireland to develop, research and commercialize a digital platform with a wearable sensor for use in balance and vestibular rehabilitation.

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.

Marousa Pavlou, PT, PhD



Dr Marousa Pavlou is a Senior Lecturer of Physiotherapy at King's College London. Her research work focuses on how the human sensory and motor systems react, interact, and adapt to everyday as well as novel challenges in health and disease, and how these responses are affected by the ageing process. The aim is to apply this knowledge to develop precision interventions in vestibular, falls, and stroke rehabilitation that will provide further improvements in symptoms, postural stability, quality of life, and falls risk compared to current practice. She has published numerous articles as well as book chapters and has been invited to present her work at various NHS physiotherapy, neurology, and audiology departments, teaching seminars, and at many national and international conferences. Dr Pavlou is a member of the Chartered Society of Physiotherapy, the International Society for Posture and Gait Research, an elected member of the International Bárány Society and is past-chairman of the Association of Chartered Physiotherapists interested in Vestibular Rehabilitation.

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.

Kathryn Schneider, PT, PhD



Dr. Kathryn Schneider is an Associate Professor and Clinician Scientist (Physiotherapist) at the Sport Injury Prevention Research Centre, Faculty of Kinesiology at the University of Calgary. Her research focuses on the prevention, detection and treatment of sport-related concussion. Her work has identified a large treatment effect using multimodal physiotherapy and vestibular rehabilitation. She is a Clinical Specialist in Musculoskeletal Physiotherapy, a Fellow of the Canadian Academy of Manipulative Physiotherapists and has expertise and certification in vestibular rehabilitation. She was recognized by Avenue Magazine as “Top 40 Under 40” in 2012 and was the recipient of the Vestibular Disorders Association (VEDA) Champion of Vestibular Medicine Award in 2015 and recognized by the Canadian Physiotherapy Association with a Centenary Medal of Distinction in 2021. She has been involved as an Expert Panelist at the 4th and 5th International Consensus Conferences on Concussion in Sport and Scientific

Committee member (co-lead for 6th Consensus) and led/is leading the methodology informing the 5th and 6th International Consensus Conferences on Concussion in Sport. Invited speaking highlights include the 4th, 5th and upcoming 6th International Consensus Conferences on Concussion in Sport, International Olympic Committee (IOC) medical meetings at the Sochi, Rio and PyeongChang Olympic games, and many additional International and National sport meetings. Her clinical practice focuses on the treatment of recreational to elite/professional athletes with ongoing symptoms following sport-related concussion. Over the past 8 years, she has worked with many local, provincial and national sport organizations and health care teams to develop and implement evidence-based concussion protocols and processes. She is a member of the Federal Government Working Group on Concussion in Sport and is the co-lead of the integrated Knowledge Translation and Patient and Stakeholder engagement committee of the Canadian Concussion Network.

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.

Ryan J. Soose, MD



Dr. Soose is the Director of the Sleep Division and Associate Professor in the Department of Otolaryngology at the University of Pittsburgh. He earned his undergraduate degree from the University of Notre Dame and completed his medical and surgical training at UPMC. Board-certified in both otolaryngology and sleep medicine, Dr. Soose specializes in the medical and surgical treatment of sleep-disordered breathing. He is actively engaged with sleep research, a robust clinical practice, national and international academic organizations, and the training of residents, fellows, and

medical students.

Patrick Sparto, PT, PhD, FAPTA



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 refereed articles and has received funding from the NIH, and Department of Defense.

Jeffrey Staab, MD



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, BPHTY, 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. Vicky also works as a manager director and clinician at Advanced Vestibular clinics and is the founder of Dizzy Resolve Integrative Coaching. She has over 13

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 7 articles and has presented at conferences nationally and internationally.

Julia Treleaven, PhD BPhy, FACP



Julia is a Senior Lecturer at the University of Queensland and Fellow of the Australian College of Physiotherapists. Julia works part-time as a physiotherapist in a private practice managing patients such as those with headache, whiplash, cervicogenic dizziness and post-concussion syndrome.

Her research focus is looking at the role of neck dysfunction in those with headache, dizziness and post-concussion. She has over 150 publications in this area. She is currently a member of the mTBI Australian and New Zealand Clinical practice guideline development group and lead for allied health. She has clinical and research expertise in the wide range of physical impairments that can be associated with concussion (headache, neck pain, dizziness, visual disturbances and balance deficits). Julia has been an invited speaker at many national and international conferences and workshops in the area of concussion, neck pain, whiplash, headache, and dizziness.

Raymond van de Berg, MD



Raymond van de Berg is Professor and ENT-surgeon at Maastricht University Medical Center, with a special interest in vestibular disorders and cochlear implantation. His research initiatives mainly focus on the vestibular implant, bilateral vestibulopathy and vestibular diagnostics. He obtained his first PhD (in medicine) cum laude, which won several scientific prizes. A second PhD was obtained in biophysics (maximum score). He is also head of the Department of Audiology, Head of the Vestibular Department and Chair of

the Bárány Society Educational Committee

Lien Van Laer, PT, PhD



In 2016 Lien Van Laer graduated at the University of Ghent (Belgium) as a master in rehabilitation sciences and physiotherapy. From 2016 until 2020 she was active as a physiotherapist in a rehabilitation center (Sint-Lievenspoort Ghent, Belgium) treating patients with vestibular disorders. In November 2020, she started a PhD at the University of Antwerp under supervision of prof. dr. Luc Vereeck, prof. dr. Ann Hallemaans and prof. dr. Vincent Van

Rompaey: “Unravelling risk factors for developing chronic dizziness after an acute unilateral vestibular deafferentation”. In this longitudinal follow-up study specific risk factors for chronic dizziness are investigated during the acute and subacute phase: the level of physical activity, presence of anxiety or avoidance behavior, visual dependence and level of central vestibular compensation

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, MD, PhD 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 Koetsler 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.

Lori Zitelli Au-D, CH-TM



Lori Zitelli is the Managing Audiologist at UPMC. She is also an adjunct instructor at the University of Pittsburgh. She received her clinical doctorate in Audiology from the University of Pittsburgh. Her special interests include amplification, evaluation and treatment of tinnitus/decreased sound tolerance, clinical education, clinical research, and interventional audiology. She is a Certificate Holder in Tinnitus Management (CH-TM). She is an active member of the American Academy of Audiology and was the recipient of the 2022 Early Career Audiologist Award

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.