Past CVNR Research Seminars

| **DATE** | **SPEAKER** | **AFFILIATION** | **TITLE** |
| --- | --- | --- | --- |
| 5/2/18 | David Reiter, PhD | Orthopedics, Emory University | Advanced Musculoskeletal Magnetic Resonance for Improved Phenotyping of Primary Aging and Disease in Humans |
| 4/18/18 | Ron Shorr, MD, MS | Epidemiology, University of Florida | 8th Annual Bettye Rose Connell Seminar Lecture Series - Maybe it’s NOT you: The Role of the Built Environment in Patient Safety |
| 4/17/18 | Ron Shorr, MD, MS | Epidemiology, University of Florida | 8th Annual Bettye Rose Connell Memorial Lecture - Preventing Hospital Falls: Balancing Vigilance, Autonomy, Cost and Gravity |
| 4/4/18 | Vincent F. Martin, M.S. | Interactive Computing, Georgia Tech | Non-Visual Data Access: Little Big Data, Big Little Mess |
| 3/28/18 | Anna Barrett, MD | Physical Medicine & Rehabilitation, Rutgers; Kessler Foundation | Translating Spatial Cognition for Neurological Rehabilitation |
| 3/21/18 | Steve Wolf, PhD, PT, FAPTA, FAHA | Rehabilitation Medicine, Emory University | Implementation Science and its Relevance to Rehabilitation |
| 3/7/18 | Seema Yousuf, PhD | Emergency Medicine, Emory University | Traumatic Brain Injury with Diabetes as a Comorbid Condition |
| 2/21/18 | Lisa Krishnamurthy, PhD | Physics and Astronomy, Georgia State University | Advanced MR Imaging of Stroke and its Application to Rehabilitation Sciences |
| 2/7/18 | Gianluca Tosini, PhD | Physiology, Morehouse School of Medicine | Understanding Melatonin Receptor Action: Latest Insights from Mouse Models, and their Relevance to Human Disease |
| 1/31/18 | Jacqueline Laures-Gore, PhD | Education & Human Development, Georgia State University | Stress, Depression, and Integrative Health in Adults with Aphasia |
| 1/10/18 | Michael D. Abràmoff, MD, PhD | Ophthalmology and Visual Sciences, University of Iowa | Automated Detection of Diabetic Retinopathy in Frontlines of Care |
| 12/20/17 | Sarah Blanton, PT, DPT, NCS | Rehabilitation Medicine, Emory | Family-Centered Care – Engaging the Caregiver in Rehabilitation |
| 11/15/17 | Liang-Ching Tsai, PhD, PT | Physical Therapy, Georgia State University | Rehabilitative Principle on Preserving Joint Health and Muscle Function following Traumatic Knee Injuries? |
| 11/1/17 | Kenneth Hepburn, PhD | Emory Alzheimer's Disease Research Center | Dementia Caregiver Education: Precision Medicine and the Limits of Adaptation |
| 10/18/17 | Albert Y. Leung, MD | Anesthesiology, University of California San Diego and VAMC, San Diego | Transcranial Magnetic Stimulation and Neuropathic Pain |
| 9/20/17 | Bruce Crosson, PhD | Atlanta VA CVNR and Neurology, Emory University | The Basal Ganglia and Thalamus in Language – Associations and Dissociations |
| 9/6/17 | Machelle Pardue, PhD | Atlanta VA CVNR and Biomedical Engineering, Georgia Institute of Technology | Lost in Translation |
| 6/21/17 | Pey-Shan Wen, PhD, OTR/L | Physical Therapy, Georgia State University | Comparative Psychometric Properties of Two Participation Measures in Veterans with Mild TBI |
| 6/7/17 | Mark Lyle, PhD | Biological Sciences, Georgia Institute of Technology | Task-Specific Evaluation and Targeted Neuromodulation of Proprioceptive Circuits |
| 5/31/17 | Ken Berglund, PhD | Neurosurgery, Emory University | Integrated Opto- and Chemogenetics for Control of Neuronal Activity and Multielectrode Array Recordings |
| 5/4/17 | Mark Humayun, MD, PhD | Eye Institute, University of Southern California | Advanced Implantable Devices for Ophthalmology |
| 5/3/17 | Patricio Vela, PhD | Electrical and Computer Engineering, Georgia Institute of Technology | Democratizing Data Collection and Gait Analysis through Computer Vision |
| 4/19/17 | Andrew Butler, PhD, MBA, MPT | Atlanta VA CVNR, Georgia State University | Increasing Access to Cost Effective Home-Based Rehabilitation for Rural Veteran Stroke Survivors |
| 4/12/17 | Alex Mihailidis, PhD, PEng | University of Toronto | Seventh Annual Bettye Rose Connell Seminar Lecture Series |
| 4/11/17 | Alex Mihailidis, PhD, PEng | University of Toronto | Seventh Annual Bettye Rose Connell Distinguished Lecture |
| 4/5/17 | David Ross, MSEE, MEd | Atlanta VA CVNR | Fast Darkening Glasses for those with Light Adaptation Problems |
| 3/15/17 | Annabelle Singer, PhD | Biomedical Engineering, Emory University and Georgia Institute of Technology | Decoding Memory in Health and Disease |
| 3/1/17 | Thomas Wichmann, MD | Neurology, Emory University | Thalamic Involvement in Parkinson's Disease |
| 2/15/17 | Dan Huddleston, MD | Neurology, Emory University | Neuromelanin Sensitive MRI of Substantia Nigra and Locus Coeruleus in Parkinson's Disease |
| 2/1/17 | T. Richard Nichols, PhD | Biological Sciences, Georgia Institute of Technology | The Role of Proprioceptive Feedback in the Regulation of Limb Mechanics |
| 1/18/17 | Paul Weiss, MS | Biostatistics and Bioinformatics, Emory University Rollins School of Public Health | A Statistician Walks Into Ā |
| 1/4/17 | Robert Gross, MD, PhD | Neurosurgery, Emory University | Neurorestorative Brain Surgery for Disorders of Function |
| 12/7/16 | Krystel Huxlin, PhD | David and Eileen Flaum Eye Institute, University of Rochester | Re-learning to See the Light: What Can We Teach Damaged, Adult Visual Systems to See? |
| 11/16/16 | Whitney Wharton, PhD | Neurology, Emory University | Biomarkers of Alzheimer's Disease in Middle Aged African Americans |
| 11/2/16 | Bilal Haider, PhD | Biomedical Engineering, Emory University and Georgia Institute of Technology | Cortical Inhibition During Awake Vision |
| 10/19/16 | Audrey Duarte, PhD | Psychology, Georgia Institute of Technology | Cognitive Control Contributions to Associative Memory Failures in Aging |
| 10/5/2016 | Andrew Feola, PhD | Biomedical Engineering, Emory University and Georgia Institute of Technology | The Influence of Menopause on Visual Function in Experimental Glaucoma and Ocular Biomechanics |
| 9/7/2016 | Jeff Boatright, PhD | Atlanta VA CVNR and Ophthalmology, Emory University | Atypical Retinal Neuroprotection |
| 5/4/2016 | Felipe Lobelo, MD, PhD, FAHA | Emory University Global Diabetes Research Center | The Exercise is Medicine Initiative: Connecting Clinical and Community Care for Population Health Management |
| 4/20/2016 | Neil B. Alexander, MD, MS | Internal Medicine and Gerontology, University of Michigan | 6th Annual Bettye Rose Connell Seminar Lecture Series - Studies of Mobility Assessment and Enhancement in Different Disease Populations: An Emerging Area |
| 4/19/2016 | Neil B. Alexander, MD, MS | Internal Medicine and Gerontology, University of Michigan | 6th Annual Bettye Rose Connell Memorial Lecture - Advances in Translating Fall Risk Reduction for Older Adults to the Real World? |
| 4/6/2016 | Lucas McKay, PhD | Biomedical Engineering, Emory University and Georgia Institute of Technology | A Cross-sectional Study of Set Shifting Impairments and Falling in Individuals with and without Parkinson’s Disease |
| 3/16/2016 | Timothy S. Kern, PhD | Pharmacology, Case Western Reserve University | Photoreceptors and the Pathogenesis of Diabetic Retinopathy |
| 3/2/2016 | Timothy Cope, PhD | Applied Physiology, Georgia Institute of Technology | Nature Always Sides with the Hidden Flaw |
| 2/3/2016 | Jessica A. Turner, PhD | Psychology and Neuroscience, Georgia State University | Genetic Effects on Brain Measurements: What's the Point? |
| 12/3/2015 | Kenneth Hepburn, PhD | Nursing Research, Emory University | Tele-Savvy: Results from a Pilot On-Line Caregiver Education Program |
| 12/2/2015 | Edelle Field-Fote, PT, PhD, FAPTA | Applied Physiology, Georgia Institute of Technology & Physical Therapy, Emory University | The Supercharged Nervous System: Promoting Functional Restoration through Neural Activation |
| 11/18/2015 | Dobromir Rahnev, PhD | Psychology, Georgia Institute of Technology | Frontal Cortex Organization for Perceptual Decision-Making |
| 11/4/2015 | Monica C. Serra, PhD | Gerontology and Geriatric Medicine, University of Maryland | Metabolic Effects of Exercise and Diet in Disease |
| 10/21/2015 | David A. Ross, MSEE, MEd | Atlanta VA CVNR | HandSight: Supporting Everyday Activities of Visually Impaired through Touch-Vision |
| 10/13/2015 | David Copland, PhD | Health and Rehabilitation Sciences, The University of Queensland | Dopaminergic and Subcortical Modulation of Language: Insights from Parkinson’s Disease and Healthy Pharmacological Studies |
| 9/23/2015 | Seong S. Shim MD, PhD | Atlanta VAMC | Neuroprotective Actions of Lithium in the Treatment of Traumatic Brain Injury and Alzheimer’s Disease |
| 9/9/2015 | Aaron Seitz, PhD | Psychology, University of California | Applying Perceptual Learning to Produce Broad-Based Benefits to Vision |
| 6/10/2015 | Jay Hegdé, PhD | Ophthalmology, Medical College of Georgia | Role of Perceptual Learning in Visual and Haptic Object Perception: Studies in Humans and Non-Human Primates |
| 5/27/2015 | Shan Ping Yu, PhD | Atlanta VA CVNR & Anesthesiology, Emory University | Neonatal Inflammatory Pain and Possible Link to Autism Spectrum Disorder in Juvenile Rats |
| 5/13/2015 | Michael L. Risner, PhD | Biological Sciences, Vanderbilt University | Adaptation in the Retina and Visual Cortex |
| 4/22/2015 | Laura Gitlin, PhD | Community-Public Health, Johns Hopkins School of Nursing | 5th Annual Bettye Rose Connell Seminar Lecture Series Panel Discussion - Innovations in Dementia Care: Current Status and Future Collaborations |
| 4/21/2015 | Laura Gitlin, PhD | Community-Public Health, Johns Hopkins School of Nursing | 5th Annual Bettye Rose Connell Memorial Lecture – Caring for Persons with Dementia and Family Caregivers: The State of the Science and Innovative Approaches |
| 4/8/2015 | Anna Woodbury, MD | Anesthesiology, Emory University | Acupuncture in Pain Management |
| 3/25/2015 | Lisa Renzi, PhD | Behavioral and Brain Sciences Program, University of Georgia | The Role of Nutrition in Visual and Cognitive Function in Young, Healthy Adults and Older Adults with and without Cognitive Impairment |
| 2/25/2015 | Ryan Bailey, MSOT, OTR/L | Movement Science Program, Washington University | Quantifying Real-World Upper Limb Activity in Nondisabled Adults and Adults with Chronic Stroke |
| 2/11/2015 | Sook-Lei Liew, PhD, MA, OTR/L | Biokinesiology and Physical Therapy, University of Southern California | Neuromodulation of the Human Motor System to Enhance Learning |
| 1/28/2015 | Camille Vaughan, MD, MS | General Medicine and Geriatrics, Emory University & Atlanta VA GRECC | Pelvic Floor Muscle Exercise-Based Behavioral Therapy to Treat Incontinence in Parkinson Disease |
| 12/17/2014 | Sarah Pallas, PhD | Neuroscience Institute and Biology, Georgia State University | EphrinAs and Neural Activity Direct Recovery from Perinatal Trauma to Visual Pathways |
| 12/3/2014 | Amy Rodriguez, PhD | Health and Rehabilitation Sciences, The University of Queensland | Exercise-Enhanced Word Learning in Older Adults: Preliminary Findings and Future Directions |
| 11/5/2014 | Steve Miller, PhD | Behavioral and Brain Sciences Program, University of Georgia | Recent Predictors of Cognitive Performance and Functional Independence in Older Adults |
| 10/15/2014 | Billy R. Hammond, PhD | Behavioral and Brain Sciences Program, University of Georgia | Ecological Validity in Visual Assessment |
| 10/1/2014 | Chris Mizelle, PhD | Atlanta VA CVNR & Applied Physiology, Georgia Institute of Technology | Cognitive Motor Control and Sensorimotor Integration: Recent Neuroimaging Findings |
| 9/24/2014 | John C Rothwell, PhD | Physiology and Pathophysiology of Human Motor Control, University College London | Training Arm Reach After Stroke: the Role of the Ipsilateral Cortex and Movement Speed |
| 9/19/2014 | Ken Hepburn, PhD | Nursing Research, Emory University | Dementia Conference - The Savvy Caregiver Train the Trainer Workshop |
| 9/10/2014 | Eldon E. Geisert, PhD | Ophthalmology, Emory University | Genetic Network of Innate Immunity in the Retina: Relevance to CNS Injury and Disease |
| 6/4/2014 | Barbara Shinn-Cunningham, PhD | Biomedical Engineering, Boston University | Diagnosing Sensory and Cortical Deficits Affecting Everyday Communication |
| 5/28/2014 | John Nickerson, PhD | Ophthalmology, Emory University | Interphotoreceptor Retinoid Binding Protein and Eye Disease |
| 5/14/2014 | John D. Ash, PhD | Ophthalmology, University of Florida | Endogenous Cytokines and Retinal Protection |
| 5/2/2014 | Richard Briggs, PhD | Physics and Astronomy, Georgia State University | Imaging Findings Related to Gulf War Illness |
| 4/30/2014 | Keith Tansey, MD, PhD | Neurology and Physiology, Emory University | Anatomical and Physiological Plasticity in Pain and Autonomic Systems after Spinal Cord Injury |
| 4/23/2014 | Wendy Rogers, PhD | Psychology, Georgia Institute of Technology | Robot Support for Independent Aging |
| 4/14/2014 | Thomas H. Mareci, PhD | Biochemistry and Molecular Biology, University of Florida | Diffusion Imaging Tractography Techniques |
| 4/2/2014 | Art Kramer, PhD | Psychology, University of Illinois | Special Topic: Exercise and Aging - A Panel Presentation Moderated by Dr. Art Kramer |
| 4/1/2014 | Art Kramer, PhD | Psychology, University of Illinois | 4th Annual Bettye Rose Connell Memorial Lecture – Brain and Exercise |
| 3/12/2014 | Lena Ting, PhD | Biomedical Engineering, Emory University and Georgia Institute of Technology | Making Sense of Muscle Activity in Sensorimotor Deficits |
| 3/5/2014 | Michael Borich, DPT, PhD | Rehab Medicine, Emory University | Using Brain Imaging and Stimulation to Inform Stroke Rehabilitation |
| 2/26/2014 | Leslie Gonzalez Rothi, PhD | Neurology, University of Florida | Navigating the VA Research System: From the CDA to the FRAC |
| 1/29/2014 | Chris Mizelle, PhD | Applied Physiology, Georgia Institute of Technology | Cognitive Processes Subserving Tool Use |
| 1/15/2014 | Rachael Stewart Allen, BS | Neuroscience, Emory University | Effects of Middle Cerebral Artery Occlusion Model on Brain and Retina |
| 12/11/2013 | H. Elliot Albers, PhD | Neuroscience, Georgia State University | Neuroendocrine Control of Behavior |
| 11/20/2013 | Steve Wolf, PhD, PT, FAPTA | Atlanta VA CVNR & Rehab Medicine, Emory University | STAR SEC Acute Stroke Clinical Trials Initiative |
| 11/1/2013 | Daniel Corcos, PhD | Kinesiology and Nutrition, University of Illinois at Chicago | Therapeutic Effects of Exercise in Parkinson's Disease |
| 10/30/2013 | Heather Whitson, MD | Geriatrics & Ophthalmology, Duke University | Of Sight and Mind: Low Vision Rehabilitation for Patients with Comorbid Cognitive Deficits |
| 10/9/2013 | Scott Moffat, PhD | Psychology, Georgia Institute of Technology | Behavioral and Neural Mechanisms of Age Differences in Spatial Cognition |
| 9/11/2013 | Ted Johnson, MD, MPH | General Medicine and Geriatrics, Emory University & Atlanta VA GRECC | Effect of Hormone Therapy on Aging-Related Lower Urinary Tract Disorders |
| 6/26/2013 | Cathrin Buetefisch, MD, PhD | Neurology, Emory University | Neurobiological Principles Applied to the Rehabilitation of Stroke Patients |
| 6/19/2013 | Steve Wolf, PhD, PT, FAPTA | Atlanta VA CVNR & Rehab Medicine, Emory University | Mixed Reality in Stroke Rehabilitation: What Is It and Where Is It Going? |
| 5/22/2013 | Ross Ethier, PhD | Biomedical Engineering, Emory University and Georgia Institute of Technology | The Role of Biomechanics in Glaucomatous Optic Neuropathy |
| 5/15/2013 | Paolo Bonato, PhD | Physical Medicine and Rehabilitation, Harvard University | The Role of Technology in Rehabilitation Medicine |
| 5/8/2013 | Joe Nocera, PhD | Atlanta VA CVNR & Neurology, Emory University | Optimizing the Exercise Stimulus for Neuroplasticity |
| 5/1/2013 | Steven Francis Stasheff, MD, PhD | Ophthalmology & Visual Sciences, University of Iowa | Modern Intersections of Neurology and Ophthalmology: Retinal Degenerations & Traumatic Brain Injury (TBI) |
| 4/24/2013 | Tim Olsen, MD | Ophthalmology, Emory University | Macular Degeneration and Aging |
| 4/10/2013 | Stephanie Studenski, MD, MPH | Geriatric Medicine, University of Pittsburgh | Bettye Rose Connell Memorial Lecture - Gait and Cognition: Shared Causes and Consequences |
| 3/27/2013 | Lewis Wheaton, PhD | Applied Physiology, Georgia Institute of Technology | Neurophysiology of Action Encoding: New Insights in Amputees and Prosthesis Adaptation |
| 3/13/2013 | Art English, PhD | Cell Biology, Emory University | Enhancing Axon Regeneration in Peripheral Nerves with Exercise |
| 2/27/2013 | Vasiliy Buharin, PhD Candidate | Applied Physiology, Georgia Institute of Technology | Cortical and Corticospinal Excitability Altered with Autonomic Nervous Activity |
| 2/13/2013 | Leonardo G. Cohen, MD | Human Cortical Physiology and Rehabilitation Section, NINDS | Enhancing Motor Learning Using Behavioral Strategies and Brain Stimulation |
| 1/9/2013 | Anastasia Ford, PhD Candidate | Psychology, University of Florida | Cortico-Subcortical Networks Involved in Language Processing |
| 11/14/2012 | Trisha Kesar, PT, PhD | Rehabilitation Medicine, Emory University | Biomechanical, Motor Learning, and Neuroplasticity Mechanisms underlying Post-Stroke Gait Rehabilitation |