

Past CVNR Research Seminars

DATE	SPEAKER	AFFILIATION	TITLE
06/03/2026	Theodore Zanto, PhD	Neurology, Weill Institute for Neurosciences	Facilitating Cognitive Function in Aging through Digital Cognitive Engagement and Non-invasive Neuromodulation
04/01/2026	Apurva Ratan Murty, PhD	Psychology, Georgia Institute of Technology	Towards Fully Executable NeuroAI Systems for Human Cognitive Neuroscience
03/04/2026	Michael R. Borich, DPT, PhD	Rehabilitation Medicine, Emory University	The Role of Cognitive Flexibility in Sensorimotor Control
02/04/2026	Rebecca Sripada, PhD, ABPP	VA Ann Arbor & Psychiatry, University of Michigan	Leveraging Optimization Trials to Implement Trauma-focused Treatments
01/21/2026	Jennifer S. Stevens, PhD	Atlanta VA CVNR & Psychiatry & Behavioral Sciences, Emory University	Neuroendocrine Contributors to PTSD: Understanding Sex-dependent Risk Factors
12/03/2025	Matthew Flavin, PhD	Electrical and Computer Engineering, Georgia Institute of Technology	Multimodal Haptics for Visual Sensory Substitution and Augmentation
11/05/2025	John Kindred, PhD	Ralph H. Johnson VA Health Care System	Post-Stroke Fatigue: Exploring an Unmet Need with Non-Invasive Brain Stimulation
10/01/2025	Firas Kobaissy, PhD	Neurobiology, Morehouse School of Medicine	The Promise of MitoQuinone (MitoQ) Therapeutics in Experimental TBI
09/03/2025	Colin Grove, PT, DPT, MS, PhD	Rehabilitation Medicine, Emory University	Novel Countermeasures for Mitigating Dizziness on Earth and in Space
08/06/2025	Michael J.A. Girard, PhD	Ophthalmology, Georgia Institute of Technology & Emory University	AAXON: AI and Axonal Biomechanics to unveil injury mechanisms in Optic Neuropathies
06/04/2025	Ming-fai Fong, PhD	Biomedical Engineering, Georgia Institute of Technology & Emory University	Temporary Visual Deprivation as a Tool for Plasticity-based Rehabilitation
05/07/2025	Michelle C. LaPlaca, PhD	Atlanta VA CVNR & Biomedical Engineering, Georgia Institute of Technology & Emory University	Glymphatic System Function After Traumatic Brain Injury

DATE	SPEAKER	AFFILIATION	TITLE
04/23/2025	Joseph E. Gaugler, PhD	Public Health, University of Minnesota	Fifteenth Annual Bettye Rose Connell Seminar Lecture Series - Incorporating Implementation Science and Mixed Methods to Advance the Science of Dementia Care
04/22/2025	Joseph E. Gaugler, PhD	Public Health, University of Minnesota	Fifteenth Annual Bettye Rose Connell Memorial Lecture - Dementia Care as a Public Health Priority and Opportunity
04/02/2025	Kevin J. Clancy, PhD	Psychiatry, Harvard Medical School	Investigating the Role of Visual Cortical Disinhibition in Posttraumatic Stress Symptoms: Implications for Mechanistic Models and Therapeutic Interventions
03/05/2025	Walter D. Conwell, MD, MBA	Faculty Development, Morehouse School of Medicine	Fostering Collaborative Research Environments through Innovative Approaches
02/05/2025	Paula Bickford, PhD	Molecular Pharmacology and Physiology, University of South Florida	Role of Aging and Immune Response in TBI
12/04/2024	Binu Tharakan, PhD, FAHA	Surgery, Morehouse School of Medicine	Inflammasome Signaling in the Blood-Retinal and the Blood-Brain Barrier
11/06/2024	Chethan Pandarinath, PhD	Biomedical Engineering, Emory University & Georgia Institute of Technology	Intracortical Brain-Computer Interfaces to Restore Communication and Movement Abilities
10/02/2024	Duane D. Booyesen, PhD	Psychology, Rhodes University	Contextualizing Trauma-focused Therapies for PTSD in Community Settings
09/04/2024	Rachel A. Hadler, MD	Anesthesiology, Emory University	Interhospital Transfer among Rural-dwelling Older Adults: Balancing Risks, Benefits and Goal-concordance
07/24/2024	Katherine S. Hall, PhD, MS	Geriatrics, Duke University	Overview of the VA GeroFit Program: Past, Present, and Future
06/05/2024	Lohitash Karumbaiah, PhD	Regenerative Medicine, University of Georgia Regenerative Bioscience Center	Engineered Glycomaterials for the Treatment of Severe Traumatic Brain Injuries
05/01/2024	Jabril Johnson, PhD	Microbiology, Biochemistry, and Immunology, Morehouse School of Medicine	Harnessing the Power of Vitamin D and the Impact on Prostate Cancer Disparities
04/10/2024	Steven L. Wolf, PhD, PT, FAPTA, FAHA	Rehabilitation Medicine, Emory University	Fourteenth Annual Bettye Rose Connell Seminar Lecture Series - In Pursuit of Precision Rehabilitation

DATE	SPEAKER	AFFILIATION	TITLE
04/09/2024	Steven L. Wolf, PhD, PT, FAPTA, FAHA	Rehabilitation Medicine, Emory University	Fourteenth Annual Bettye Rose Connell Memorial Lecture - Painting a Better Rose-y Picture: Don't "Fall" for Substitutes: "Know" your Surroundings!
04/03/2024	Alex Bowers PhD, MCOptom	Ophthalmology, Harvard Medical School	Did You See That Hazard? Scanning and Detection Deficits of Drivers with Hemianopia
03/06/2024	J. Christopher Ehlen, PhD	Neurobiology, Morehouse School of Medicine	Non-rapid Eye Movement Sleep Determines Resilience to Social Stress
02/07/2024	Jenny J. Yang, PhD	Biochemistry and Biophysical Chemistry, Georgia State University	Noninvasive Precision Detection of Chronic Diseases and Treatment Enabled by Protein Design
01/10/2024	Camille Vaughan, MD, MS	Atlanta VA CVNR & Geriatric Medicine & Gerontology, Emory University & Atlanta VA GRECC	Developing the Evidence for Exercise-based Treatment of Urinary Symptoms in Parkinson Disease
12/06/2023	Jesse Schallek, PhD	Ophthalmology and Neuroscience, University of Rochester	Adaptive Optics Imaging in Mice: Dynamics of Single Blood Cells Revealed in the Living Eye
11/01/2023	Daniel E. Harper, PhD	Anesthesiology, Emory University	Nociceptive-specific Heating (NoSH): A Novel Paradigm to Disentangle Nociceptive Sensitivity from Pain in Humans
10/04/2023	Tim Cope, PhD	Biological Sciences and Biomedical Engineering, Georgia Institute of Technology	Chemotherapy-Induced Neural Disorders: Preclinical Discovery
09/06/2023	Zachary Vernon Johnson, PhD	Psychiatry and Behavioral Sciences, Emory University	Using Single Cell Omics to Functionally Profile Cell Populations in the Brain
08/02/2023	Debra Bangasser, PhD	Neuroscience, Georgia State University	Early Resource Scarcity Causes Lasting Changes in Motivated Behavior
06/14/2023	Gianluca Tosini, PhD, FARVO	Pharmacology & Toxicology, Morehouse School of Medicine	The Clock Gene Bmal1 Regulates Mitochondrial Functions in Cone Photoreceptors
05/17/2023	Sheila Rauch, PhD, ABPP	Atlanta VA CVNR & Psychiatry and Behavioral Sciences, Emory University	Suicide in Treatment Seeking Veterans: Risk Factors and Effective Interventions
05/03/2023	Rachael Allen, PhD	Atlanta VA CVNR	The Eye as a Window to the Brain

DATE	SPEAKER	AFFILIATION	TITLE
04/19/2023	Sara J. Czaja, PhD	Medicine, Weill Cornell Medical College	Thirteenth Annual Bettye Rose Connell Seminar Lecture Series - Behavioral Interventions for Aging Adults with Cognitive Impairments
04/18/2023	Sara J. Czaja, PhD	Medicine, Weill Cornell Medical College	Thirteenth Annual Bettye Rose Connell Memorial Lecture - The Role of Technology in Supporting Family Caregivers
03/15/2023	Madeleine E. Hackney, PhD	Atlanta VA CVNR & Geriatrics and Gerontology, Emory University	Subtypes, Stages and Comorbidity in Parkinson's Disease: Effects on Mood, Motor and Cognitive Function
03/01/2023	Kevin Wang, PhD	Neurobiology, Morehouse School of Medicine	Current Knowledge of Translational Brain Biomarkers Relevant to Remote Traumatic Brain Injury in the VA Population
02/15/2023	Anna Woodbury, MD, MCSR, CAC	Atlanta VA CVNR & Anesthesiology, Emory University	Cranial Electrotherapy Stimulation in Veterans with Fibromyalgia using Neuroimaging as a Biomarker
12/07/2022	Daniel Dilks, PhD	Psychology, Emory University	Distinct Systems for Recognizing Places and Navigating through Them
11/16/2022	Venkatagiri Krishnamurthy, PhD	Atlanta VA CVNR; Geriatrics and Gerontology & Neurology, Emory University	Real-time Neurovascular Changes in Response to Brain Stimulation: A Concurrent tDCS/fMRI Study in Aphasia
10/05/2022	Walter Royal, III, MD	Atlanta VA CVNR; Neurology, Morehouse	Animal Model and Human Studies of NeuroHIV
09/21/2022	Lisa Krishnamurthy, PhD	Atlanta VA CVNR; Physics & Astronomy, Georgia State University; Radiology, Emory University	Feasibility of Applying TMS Stimulation within the Stroke Lesion: A Case Study
09/07/2022	Rajendra M. Morey, MD	Psychiatry and Behavioral Sciences, Duke University	Applying Advanced Analytic Methods for Investigating Traumatic Brain Injury
08/17/2022	Michael Rosenberg, PhD	Biomedical Engineering, Emory University & Georgia Institute of Technology	Leveraging Dynamical Representations of Gait to Understand Walking Dysfunction and Intervention Responses
06/01/2022	Tansu Celikel, PhD	Psychology, Georgia Institute of Technology	Sense of Touch: Molecular, Cellular and Circuit Mechanisms of Cortical Plasticity in the Somatosensory Cortex

DATE	SPEAKER	AFFILIATION	TITLE
05/18/2022	Seong S. Shim, MD, PhD	Atlanta VA CVNR	Lithium: A Noble Therapeutic Strategy for Alzheimer's Disease and Related Dementia
05/04/2022	Lisa Krishnamurthy, PhD	Atlanta VA CVNR & Physics and Astronomy, Georgia State University	Functional GABA Changes in the Human Brain
04/27/2022	Joseph G. Ouslander, MD	Schmidt College of Medicine, Florida Atlantic University	Twelfth Annual Bettye Rose Connell Seminar Lecture Series - Reducing Unnecessary Hospitalizations in Older Adults
04/26/2022	Joseph G. Ouslander, MD	Schmidt College of Medicine, Florida Atlantic University	Twelfth Annual Bettye Rose Connell Memorial Lecture - Keys to Successful Aging
04/20/2022	Ying Li, MD, PhD	Emory Eye Center	Oral supplementary nicotinamide riboside treats several components of the DBA/2J murine model of pigment dispersion glaucoma
04/06/2022	William D. Hula, PhD, CCC-SLP	Pittsburgh VA and GRECC & Communication Science and Disorders, University of Pittsburgh	Assessment and Treatment of Naming Impairment in Aphasia: Psychometrics, Psycholinguistics, and Neuroanatomy
03/16/2022	Shawn Hochman, PhD	Cell Biology, Emory University & Biomedical Engineering, Emory University & Georgia Institute of Technology	Sensory-Spinal Mechanisms of Neuropathic Pain: Bidirectional Circuit Interactions
03/02/2022	Jaydev Desai, PhD	Biomedical Engineering, Emory University & Georgia Institute of Technology, Georgia Center for Medical Robotics	Voice-Activated, Patient-Specific Robotic Hand Exoskeleton for Spinal Cord Injury Patients
02/02/2022	Katie L. Bales, PhD	Atlanta VA CVNR	Clinical and Animal Model Studies of Exercise-induced Retinal Neuroprotection
12/15/2021	Amanda K. Gilmore, PhD	Public Health, Georgia State University	Integrated Prevention and Treatment for Alcohol and Related Behaviors
12/01/2021	Steve Wolf, PhD, PT, FAPTA, FAHA	Atlanta VA CVNR & Rehabilitation Medicine, Emory University	The Emerging Role of Vagus Nerve Stimulation in Post-stroke Rehabilitation
11/17/2021	Bashar W. Badran, PhD	Psychiatry & Behavioral Sciences, Medical University of South Carolina	Development and Optimization of Noninvasive Vagus Nerve Stimulation to Modulate the Central and Autonomic Nervous System

DATE	SPEAKER	AFFILIATION	TITLE
11/03/2021	Michael Dattilo, MD, PhD	Ophthalmology, Emory Eye Center	Idiopathic Intracranial Hypertension
10/22/2021	Jerry Kalangara, MD	Atlanta VA & Anesthesiology, Emory University	Introduction to the SCEPTER (Sequential and Comparative Evaluation of Pain Treatment Effectiveness Response) Multi-site Study, CSP #2009
10/06/2021	Shan Ping Yu, MD, PhD	Atlanta VA CVNR & Anesthesiology, Emory University	A Novel Pathogenic Mechanism of Sporadic Alzheimer's Disease Due to Deficiency of the NMDA Receptor Subunit GluN3A (NR3A)
09/29/2021	Vincent Mor, PhD	Public Health, Brown University	11 th Annual Bettye Rose Connell Seminar Lecture Series - The Impact of Implementing INTERACT in VA CLCs: Results of a Pragmatic Cluster Randomized Trial
09/28/2021	Vincent Mor, PhD	Public Health, Brown University	11 th Annual Bettye Rose Connell Memorial Lecture - COVID-19 and US Nursing Homes: Implications for the Future
09/15/2021	Jay M. Patel, PhD	Atlanta VA & Orthopaedics, Emory University	Biomaterial Strategies to Instruct Cartilage Repair
09/01/2021	Trisha Kesar, PT, PhD	Rehabilitation Medicine, Emory University	Strategies to Personalize and Enhance Rehabilitation of Walking Function Post-Stroke
08/18/2021	Sanne van Rooij, PhD	Psychiatry and Behavioral Sciences, Emory University	Toward Personalizing Neuromodulation Treatment Targets for PTSD
08/04/2021	Arash Harzand, MD, MBA	Atlanta VA CVNR & Cardiology, Emory University	The Future of Digital Medicine and Vascular Health
06/04/2021	Miranda Lim, MD, PhD	Portland VA & Neurology, Oregon Health & Science University	Unraveling the Functions of Sleep Across the Lifespan: Lessons from Voles and Veterans
05/19/2021	Deborah Barany, PhD	Kinesiology, University of Georgia	Sensorimotor Cortical Processing Supporting Flexible, Goal-directed Movements
05/05/2021	Maryanne Weatherill PhD, CCC-SLP	Atlanta VA CVNR	Progress Toward Bridging the Motivation-Engagement Gap in Rehabilitation
04/30/2021	Jessica Turner, PhD	Gerontology, Neuroscience, Psychology, Georgia State University	Is My Apathy the Same as Yours? Cross-Diagnostic Analyses of Brain Structure

DATE	SPEAKER	AFFILIATION	TITLE
04/21/2021	Shella Keilholz, PhD	Biomedical Engineering, Emory University & Georgia Institute of Technology	Disentangling the Intrinsic Functional Architecture of the Brain
04/16/2021	Jennifer Stevens, PhD	Psychiatry & Behavioral Sciences, Emory University	Neuroimaging Biomarkers of PTSD Risk and Resilience
04/07/2021	Thomas Buford, PhD	Gerontology, Geriatrics, and Palliative Care, University of Alabama at Birmingham	Collaborative Opportunities in Rehabilitation Research
03/17/2021	Anne-Sophie Champod, PhD	Psychology, Acadia University	Prism Adaptation Across the Lifespan: Insights from Behavioral and Electroencephalographic Effects in Healthy Populations
03/03/2021	Anna Mirk, MD, FACP	Atlanta VA & General Medicine and Geriatrics, Emory University	Update on Clinical Programs at the Birmingham/Atlanta GRECC (Geriatric Research Education and Clinical Center)
02/17/2021	Jing Xu, PhD	Kinesiology, University of Georgia	Dissecting Hand Dexterity and Recovery Processes for Effective Rehabilitation After Stroke
02/05/2021	Kevin Houston, OD, MSc	Ophthalmology, Harvard Medical School	Exploring the Limits of Perceptual Motor Adaptation for Treatment of Hemianopia
01/20/2021	Arash Harzand, MD, MBA	Atlanta VA CVNR & Cardiology, Emory University	The Future of Digital Health and Vascular Rehabilitation
01/06/2021	Sheila Rauch, PhD, ABPP	Atlanta VA CVNR & Psychiatry and Behavioral Sciences, Emory University	Moving PTSD treatment into VA Primary Care: Training Models and Effectiveness
12/16/2020	Jiang-Ti Kong, MD	Anesthesiology, Stanford University	Characterize Individual Differences in Chronic Pain for Personalized Delivery of Acupuncture
12/02/2020	Michelle LaPlaca, PhD	Biomedical Engineering, Georgia Institute of Technology & Emory University	Concussion Assessment and Management: "How many tools am I holding up?"
11/18/2020	Craig Zimring, PhD	Architecture, Georgia Institute of Technology	The Role of the Built Environment for Experience, Mood and Behavior
11/06/2020	Manuel Yepes, MD	Atlanta VA CVNR & Neurology, Emory University	Strategies to Promote Recovery in the Ischemic Brain
10/21/2020	Brian Keane, PhD	Neuroscience and Psychiatry, University of Rochester	Visual Shape Completion Deficits in Schizophrenia: Prospects for a New Kind of Biomarker

DATE	SPEAKER	AFFILIATION	TITLE
10/07/2020	Deepta Ghatе, MD	Ophthalmology, University of Nebraska	Vision and Glaucoma
09/30/2020	Miriam Morey, PhD	Durham VA & School of Medicine, Duke University	10th Annual Bettye Rose Connell Seminar Lecture Series - Will Exercise Ever Be Relevant and Will COVID Give US a Bump?
09/02/2020	Brandy Wade, PhD	Atlanta VA	Intro to Technology Transfer at the VA
08/19/2020	Anna Woodbury, MD, CAC, Keith McGregor, PhD	Atlanta VA CVNR & Anesthesiology, Emory University	rTMS for Gulf War Syndrome Headaches and Comorbid Symptoms
08/05/2020	Kaundinya Gopinath, PhD	Radiology and Imaging Sciences, Center for Systems Imaging, Emory University	Insights into Resting State fMRI
05/20/2020	Walter Royal, MD	Neurobiology, Morehouse School of Medicine	NeuroHIV and Gender
03/04/2020	Erica Duncan, MD	Atlanta VA CVNR & Psychiatry and Behavioral Sciences, Emory University	Toxoplasma gondii and Psychiatric Disease Update: It's Not Just About Cats
02/19/2020	Vinita Singh, MD	Anesthesiology & Pain Medicine, Emory University	Role of Ketamine for Chronic Neuropathic Pain
02/05/2020	Lisa Ganser, PhD	Molecular and Cellular Biology, Kennesaw State University	A Fish Tale: Zebrafish Models Reveal Ancient Connections to Modern Disease
01/15/2020	Vince Calhoun, PhD	Psychology, Georgia State University	Towards the Development of Brain Imaging Biomarkers: A Network Based Approach
12/04/2019	Peiying Liu, PhD	Radiology and Radiological Science, Johns Hopkins University	Cerebrovascular Reactivity Mapping Using MRI
11/20/2019	Brian G. Dias, PhD	Psychiatry, Emory University	Understanding and Breaking Legacies of Stress
11/13/2019	Regina McGlinchey, PhD, William Milberg, PhD, David Salat, PhD	VA RR&D TRACTS	Translational Research Center for TBI and Stress Disorders (TRACTS)
11/06/2019	Michael E. Robinson, PhD	Clinical and Health Psychology, University of Florida	Neuroimaging Biomarkers for Pain

DATE	SPEAKER	AFFILIATION	TITLE
10/16/2019	Machelle Pardue, PhD	Atlanta VA CVNR & Biomedical Engineering, Georgia Institute of Technology & Emory University	Exercise Slows Vision Loss from Retinal Disease
10/02/2019	Erin Buckley, PhD	Biomedical Engineering, Georgia Institute of Technology & Emory University	Diffuse Optical Spectroscopies to Elucidate Mechanisms of Brain Injury
09/18/2019	Ilana Graetz, PhD	Rollins School of Public Health, Emory University	Leveraging Mobile Health to Improve Cancer Care
09/04/2019	Connie Uphold, PhD, ARNP, FAAN	Center of Innovation on Disability & Rehab Research, GRECC, Gainesville VA, University of Florida	Implementation Science Implications in Intervention Research for Stroke Caregivers
08/07/2019	Neal Axon, MD, MSCR, Charlene Pope, BSN, PhD, CNM, MPH, Kelly Hunt, PhD	Charleston Health Equity and Rural Outreach Innovation Center (HEROIC), Medical University of South Carolina	Is there a scientist in the room? Health services and implementation research in VISN7
06/05/2019	Dena Howland, PhD	Rebecca F. Hammond Endowed Chair for Spinal Cord Research, University of Louisville	Evidence for Recovery and Plasticity Following Spinal Cord Injury
05/15/2019	Mark Lyle, PT, PhD	Rehabilitation Medicine, Emory University	Toward a Functional Role for Golgi Tendon Organ Feedback...from Cat to Human
05/01/2019	J. Douglas Bremner, MD	Psychiatry and Behavioral Sciences, Emory University	Non-invasive Vagal Nerve Stimulation for PTSD
04/23/2019	Patricia A. Parmelee, PhD	Psychology, University of Alabama; Director, Alabama Research Institute on Aging	9th Annual Bettye Rose Connell Memorial Lecture Series
04/17/2019	Sheila A.M. Rauch, PhD, ABPP	Atlanta VA CVNR & Psychiatry and Behavioral Sciences, Emory University	Improving Access to Effective PTSD Treatment Through Primary Care
04/03/2019	Arash Harzand, MD, MBA	Cardiology, Emory University; Staff Cardiologist, Atlanta VA	Virtual Cardiac & Vascular Rehab
03/20/2019	Donald J. Noble, PhD	Physiology, Emory University	Linking Slow, Deep Breathing to Reductions in Stress and Pain Sensitivity

DATE	SPEAKER	AFFILIATION	TITLE
03/06/2019	Vitaly Napadow, PhD, LicAc	Radiology, Anesthesiology, Harvard Medical School	Neuromodulation in Tune with the Body's Rhythms: Pain Neuromodulation with Respiratory-gated Auricular Vagal Afferent Nerve Stimulation (RAVANS)
02/20/2019	Francine Behar-Cohen, MD, PhD	Université Sorbonne Paris & Biology and Medicine, University of Lausanne, Switzerland	Steroids and the Retina: The Good and the Bad
02/06/2019	Erica Duncan, MD	Atlanta VA CVNR & Psychiatry and Behavioral Sciences, Emory University	Toxoplasma Gondii and Psychiatric Illness
01/16/2019	Vonetta Dotson, PhD	Psychology, Georgia State University	Vascular Depression: Health Disparities and Treatment Implications
12/05/2018	Shilpa Krishnan, PT, PhD	Rehabilitation Medicine, Emory University	Access to Inpatient Rehabilitation and its Effect on Functional Outcomes Post Stroke Hospitalization
11/21/2018	Ken Berglund, PhD	Neurosurgery, Emory University	Chloride Regulation in Neurons During Development and Trauma
10/17/2018	Aurelie Menigoz, PhD	Yerkes National Primate Research Ctr, Emory University	Impact of Early Life Exposure to High Fructose Diet on the Psycho-Affective Development of Rats
10/03/2018	Edward J. Miech, EdD	Indianapolis VA HSR&D, Regenstrief Institute	What Makes Interventions Work In Some Contexts But Not Others? New Methods and Insights From Implementation Science
09/19/2018	Jeanie Park, MD, MS	Renal Division, Emory University	Sympathetic Regulation in Disease States: Mechanisms and Therapeutic Options
09/05/2018	George L. Jackson, PhD, MHA	Center for Health Services Research, Durham VA	Implementation Science in Healthcare: Bridging What We Know and What We Do
08/15/2018	Shan Ping Yu, MD, PhD	Atlanta VA CVNR & Anesthesiology, Emory University	Pharmacological Hypothermia for the Treatment of Ischemic Stroke and TBI
08/01/2018	Katie L. Bales, PhD Candidate	Vision Science, UAB	BBS5 and Mks6 Mutations Lead to Retinal Degeneration
06/20/2018	John M. Nickerson, PhD	Ophthalmology, Emory University	The Retinal Pigment Epithelium and Recovery of the Blood Retina Barrier
06/13/2018	Argye Beth Hillis, MD, MA	Neurology, Johns Hopkins University School of Medicine	Aphasia Recovery or Decline in the First Year: the Influence of Tissue Health and Medications
06/06/2018	M. Isabel Vanegas, PhD	Neurology, NYU School of Medicine	Novel Paradigms to Study Visual Response Modulations in Parkinson's Disease
05/16/2018	Jennifer Mascaro, PhD	Family and Preventive Medicine, Emory University	Meditation Interventions for Social and Emotional Flourishing

DATE	SPEAKER	AFFILIATION	TITLE
05/02/2018	David Reiter, PhD	Orthopedics, Emory University	Advanced Musculoskeletal Magnetic Resonance for Improved Phenotyping of Primary Aging and Disease in Humans
04/18/2018	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
04/17/2018	Ron Shorr, MD, MS	Epidemiology, University of Florida	8th Annual Bettye Rose Connell Memorial Lecture - Preventing Hospital Falls: Balancing Vigilance, Autonomy, Cost and Gravity
04/04/2018	Vincent F. Martin, MS	Interactive Computing, Georgia Institute of Technology	Non-Visual Data Access: Little Big Data, Big Little Mess
03/28/2018	A.M. Barrett, MD	Physical Medicine and Rehabilitation, Rutgers & Kessler Foundation	Translating Spatial Cognition for Neurological Rehabilitation
03/21/2018	Steve Wolf, PhD, PT, FAPTA, FAHA	Rehabilitation Medicine, Emory University	Implementation Science and its Relevance to Rehabilitation
03/07/2018	Seema Yousuf, PhD	Emergency Medicine, Emory University	Traumatic Brain Injury with Diabetes as a Comorbid Condition
02/21/2018	Lisa Krishnamurthy, PhD	Physics and Astronomy, Georgia State University	Advanced MR Imaging of Stroke and its Application to Rehabilitation Sciences
02/07/2018	Gianluca Tosini, PhD	Physiology, Morehouse School of Medicine	Understanding Melatonin Receptor Action: Latest Insights from Mouse Models, and their Relevance to Human Disease
01/31/2018	Jacqueline Laures-Gore, PhD	Education and Human Development, Georgia State University	Stress, Depression, and Integrative Health in Adults with Aphasia
01/10/2018	Michael D. Abramoff, MD, PhD	Ophthalmology and Visual Sciences, University of Iowa	Automated Detection of Diabetic Retinopathy in Frontlines of Care
12/20/2017	Sarah Blanton, PT, DPT, NCS	Rehabilitation Medicine, Emory	Family-Centered Care – Engaging the Caregiver in Rehabilitation
11/15/2017	Liang-Ching Tsai, PhD, PT	Physical Therapy, Georgia State University	Rehabilitative Principle on Preserving Joint Health and Muscle Function following Traumatic Knee Injuries?
11/01/2017	Kenneth Hepburn, PhD	Emory Alzheimer's Disease Research Center	Dementia Caregiver Education: Precision Medicine and the Limits of Adaptation
10/18/2017	Albert Y. Leung, MD	Anesthesiology, University of California San Diego & San Diego VAMC	Transcranial Magnetic Stimulation and Neuropathic Pain
09/20/2017	Bruce Crosson, PhD	Atlanta VA CVNR & Neurology, Emory University	The Basal Ganglia and Thalamus in Language – Associations and Dissociations

DATE	SPEAKER	AFFILIATION	TITLE
09/06/2017	Machelle Pardue, PhD	Atlanta VA CVNR & Biomedical Engineering, Georgia Institute of Technology	Lost in Translation
06/21/2017	Pey-Shan Wen, PhD, OTR/L	Physical Therapy, Georgia State University	Comparative Psychometric Properties of Two Participation Measures in Veterans with Mild TBI
06/07/2017	Mark Lyle, PhD	Biological Sciences, Georgia Institute of Technology	Task-Specific Evaluation and Targeted Neuromodulation of Proprioceptive Circuits
05/31/2017	Ken Berglund, PhD	Neurosurgery, Emory University	Integrated Opto- and Chemogenetics for Control of Neuronal Activity and Multielectrode Array Recordings
05/04/2017	Mark Humayun, MD, PhD	Eye Institute, University of Southern California	Advanced Implantable Devices for Ophthalmology
05/03/2017	Patricio Vela, PhD	Electrical and Computer Engineering, Georgia Institute of Technology	Democratizing Data Collection and Gait Analysis through Computer Vision
04/19/2017	Andrew Butler, PhD, MBA, MPT	Atlanta VA CVNR & Georgia State University	Increasing Access to Cost Effective Home-Based Rehabilitation for Rural Veteran Stroke Survivors
04/12/2017	Alex Mihailidis, PhD, PEng	University of Toronto	Seventh Annual Bettye Rose Connell Seminar Lecture Series
04/11/2017	Alex Mihailidis, PhD, PEng	University of Toronto	Seventh Annual Bettye Rose Connell Distinguished Lecture
04/05/2017	David Ross, MSEE, MEd	Atlanta VA CVNR	Fast Darkening Glasses for those with Light Adaptation Problems
03/15/2017	Annabelle Singer, PhD	Biomedical Engineering, Emory University and Georgia Institute of Technology	Decoding Memory in Health and Disease
03/01/2017	Thomas Wichmann, MD	Neurology, Emory University	Thalamic Involvement in Parkinson's Disease
02/15/2017	Dan Huddleston, MD	Neurology, Emory University	Neuromelanin Sensitive MRI of Substantia Nigra and Locus Coeruleus in Parkinson's Disease
02/01/2017	T. Richard Nichols, PhD	Biological Sciences, Georgia Institute of Technology	The Role of Proprioceptive Feedback in the Regulation of Limb Mechanics
01/18/2017	Paul Weiss, MS	Biostatistics and Bioinformatics, Emory University Rollins School of Public Health	A Statistician Walks Into A

DATE	SPEAKER	AFFILIATION	TITLE
01/04/2017	Robert Gross, MD, PhD	Neurosurgery, Emory University	Neurorestorative Brain Surgery for Disorders of Function
12/07/2016	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?
11/16/2016	Whitney Wharton, PhD	Neurology, Emory University	Biomarkers of Alzheimer's Disease in Middle Aged African Americans
11/02/2016	Bilal Haider, PhD	Biomedical Engineering, Emory University and Georgia Institute of Technology	Cortical Inhibition During Awake Vision
10/19/2016	Audrey Duarte, PhD	Psychology, Georgia Institute of Technology	Cognitive Control Contributions to Associative Memory Failures in Aging
10/05/2016	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
09/07/2016	Jeff Boatright, PhD	Atlanta VA CVNR & Ophthalmology, Emory University	Atypical Retinal Neuroprotection
05/04/2016	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
04/20/2016	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
04/19/2016	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?
04/06/2016	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
03/16/2016	Timothy S. Kern, PhD	Pharmacology, Case Western Reserve University	Photoreceptors and the Pathogenesis of Diabetic Retinopathy
03/02/2016	Timothy Cope, PhD	Applied Physiology, Georgia Institute of Technology	Nature Always Sides with the Hidden Flaw
02/03/2016	Jessica A. Turner, PhD	Psychology and Neuroscience, Georgia State University	Genetic Effects on Brain Measurements: What's the Point?

DATE	SPEAKER	AFFILIATION	TITLE
12/03/2015	Kenneth Hepburn, PhD	Nursing Research, Emory University	Tele-Savvy: Results from a Pilot On-Line Caregiver Education Program
12/02/2015	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
11/04/2015	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
09/23/2015	Seong S. Shim MD, PhD	Atlanta VAMC	Neuroprotective Actions of Lithium in the Treatment of Traumatic Brain Injury and Alzheimer's Disease
09/09/2015	Aaron Seitz, PhD	Psychology, University of California	Applying Perceptual Learning to Produce Broad-Based Benefits to Vision
06/10/2015	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
05/27/2015	Shan Ping Yu, PhD	Atlanta VA CVNR & Anesthesiology, Emory University	Neonatal Inflammatory Pain and Possible Link to Autism Spectrum Disorder in Juvenile Rats
05/13/2015	Michael L. Risner, PhD	Biological Sciences, Vanderbilt University	Adaptation in the Retina and Visual Cortex
04/22/2015	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
04/21/2015	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
04/08/2015	Anna Woodbury, MD	Anesthesiology, Emory University	Acupuncture in Pain Management

DATE	SPEAKER	AFFILIATION	TITLE
03/25/2015	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
02/25/2015	Ryan Bailey, MSOT, OTR/L	Movement Science Program, Washington University	Quantifying Real-World Upper Limb Activity in Nondisabled Adults and Adults with Chronic Stroke
02/11/2015	Sook-Lei Liew, PhD, MA, OTR/L	Biokinesiology and Physical Therapy, University of Southern California	Neuromodulation of the Human Motor System to Enhance Learning
01/28/2015	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
12/03/2014	Amy Rodriguez, PhD	Health and Rehabilitation Sciences, The University of Queensland	Exercise-Enhanced Word Learning in Older Adults: Preliminary Findings and Future Directions
11/05/2014	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
10/01/2014	Chris Mizelle, PhD	Atlanta VA CVNR & Applied Physiology, Georgia Institute of Technology	Cognitive Motor Control and Sensorimotor Integration: Recent Neuroimaging Findings
09/24/2014	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
09/19/2014	Ken Hepburn, PhD	Nursing Research, Emory University	Dementia Conference - The Savvy Caregiver Train the Trainer Workshop
09/10/2014	Eldon E. Geisert, PhD	Ophthalmology, Emory University	Genetic Network of Innate Immunity in the Retina: Relevance to CNS Injury and Disease

DATE	SPEAKER	AFFILIATION	TITLE
06/04/2014	Barbara Shinn-Cunningham, PhD	Biomedical Engineering, Boston University	Diagnosing Sensory and Cortical Deficits Affecting Everyday Communication
05/28/2014	John Nickerson, PhD	Ophthalmology, Emory University	Interphotoreceptor Retinoid Binding Protein and Eye Disease
05/14/2014	John D. Ash, PhD	Ophthalmology, University of Florida	Endogenous Cytokines and Retinal Protection
05/02/2014	Richard Briggs, PhD	Physics and Astronomy, Georgia State University	Imaging Findings Related to Gulf War Illness
04/30/2014	Keith Tansey, MD, PhD	Neurology and Physiology, Emory University	Anatomical and Physiological Plasticity in Pain and Autonomic Systems after Spinal Cord Injury
04/23/2014	Wendy Rogers, PhD	Psychology, Georgia Institute of Technology	Robot Support for Independent Aging
04/14/2014	Thomas H. Mareci, PhD	Biochemistry and Molecular Biology, University of Florida	Diffusion Imaging Tractography Techniques
04/02/2014	Art Kramer, PhD	Psychology, University of Illinois	Special Topic: Exercise and Aging - A Panel Presentation Moderated by Dr. Art Kramer
04/01/2014	Art Kramer, PhD	Psychology, University of Illinois	4 th Annual Bettye Rose Connell Memorial Lecture – Brain and Exercise
03/12/2014	Lena Ting, PhD	Biomedical Engineering, Emory University and Georgia Institute of Technology	Making Sense of Muscle Activity in Sensorimotor Deficits
03/05/2014	Michael Borich, DPT, PhD	Rehab Medicine, Emory University	Using Brain Imaging and Stimulation to Inform Stroke Rehabilitation
02/26/2014	Leslie Gonzalez Rothi, PhD	Neurology, University of Florida	Navigating the VA Research System: From the CDA to the FRAC
01/29/2014	Chris Mizelle, PhD	Applied Physiology, Georgia Institute of Technology	Cognitive Processes Subservicing Tool Use
01/15/2014	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

DATE	SPEAKER	AFFILIATION	TITLE
11/01/2013	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
10/09/2013	Scott Moffat, PhD	Psychology, Georgia Institute of Technology	Behavioral and Neural Mechanisms of Age Differences in Spatial Cognition
09/11/2013	Ted Johnson, MD, MPH	General Medicine and Geriatrics, Emory University & Atlanta VA GRECC	Effect of Hormone Therapy on Aging-Related Lower Urinary Tract Disorders
06/26/2013	Cathrin Buetefisch, MD, PhD	Neurology, Emory University	Neurobiological Principles Applied to the Rehabilitation of Stroke Patients
06/19/2013	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?
05/22/2013	Ross Ethier, PhD	Biomedical Engineering, Emory University and Georgia Institute of Technology	The Role of Biomechanics in Glaucomatous Optic Neuropathy
05/15/2013	Paolo Bonato, PhD	Physical Medicine and Rehabilitation, Harvard University	The Role of Technology in Rehabilitation Medicine
05/08/2013	Joe Nocera, PhD	Atlanta VA CVNR & Neurology, Emory University	Optimizing the Exercise Stimulus for Neuroplasticity
05/01/2013	Steven Francis Stasheff, MD, PhD	Ophthalmology and Visual Sciences, University of Iowa	Modern Intersections of Neurology and Ophthalmology: Retinal Degenerations & Traumatic Brain Injury (TBI)
04/24/2013	Tim Olsen, MD	Ophthalmology, Emory University	Macular Degeneration and Aging
04/10/2013	Stephanie Studenski, MD, MPH	Geriatric Medicine, University of Pittsburgh	Bettye Rose Connell Memorial Lecture - Gait and Cognition: Shared Causes and Consequences
03/27/2013	Lewis Wheaton, PhD	Applied Physiology, Georgia Institute of Technology	Neurophysiology of Action Encoding: New Insights in Amputees and Prosthesis Adaptation
03/13/2013	Art English, PhD	Cell Biology, Emory University	Enhancing Axon Regeneration in Peripheral Nerves with Exercise

DATE	SPEAKER	AFFILIATION	TITLE
02/27/2013	Vasiliy Buharin, PhD Candidate	Applied Physiology, Georgia Institute of Technology	Cortical and Corticospinal Excitability Altered with Autonomic Nervous Activity
02/13/2013	Leonardo G. Cohen, MD	Human Cortical Physiology and Rehabilitation Section, NINDS	Enhancing Motor Learning Using Behavioral Strategies and Brain Stimulation
01/09/2013	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