

Sep 16 10 ABC	John-Ross (JR) Rizzo, MD, MSCI, FACRM Ilse Melamid Associate Professor of Rehabilitation Medicine Health System Director, Disability Inclusion Vice Chair, Innovation & Equity, Dept. of PM&R NYU Langone Health <i>"Higher-order assistive technologies: dropping binary control and re-imagining service systems"</i>
Sep 23 12 IJK	Tae Chung, MD Associate Professor, Depts. of PM&R & Neurology Director, Johns Hopkins POTS Program Johns Hopkins School of Medicine <i>"POTS and long COVID syndrome – the final frontier for PM&R"</i>
Sep 30 10 ABC	Catherine E. Lang PT, PhD Barbara J. Norton Professor of Physical Therapy Professor, Depts. of Neurology and Occupational Therapy Associate Director, Movement Science PhD Program Washington University School of Medicine <i>"Wearable sensing opens new windows to understand and improve human movement"</i>
Oct 7	No Scheduled Seminar—Society for Neuroscience
Oct 14 10 ABC	Theresa Hayes Cruz, PhD Director, National Center for Medical Rehabilitation Research National Institutes of Health <i>"Updates from NIH on rehabilitation and disability research"</i>
Oct 21 12 IJK	Pablo Celnik, MD Chief Executive Officer, Shirley Ryan AbilityLab Professor, Dept. of PM&R, Northwestern University <i>"Mechanisms of motor recovery after stroke"</i>
Oct 28 10 ABC	Matthew J Major, PhD Associate Professor, Depts. of PM&R and Biomedical Engineering, Northwestern University Research Health Scientist, Jesse Brown VA Medical Center <i>"Framing leg prosthesis design as an optimization problem: linking mechanical function to clinical outcomes"</i>
Nov 4 12 IJK	Christopher S. Ahuja, MD, PhD FRCSC Neurosurgeon, Northwestern Medicine Scientist, Simpson-Querrey Research institute Assistant Professor, Northwestern University Director, Spine Biomechanics and Surgical Innovation Lab, Central DuPage Hospital <i>"Bioengineered stem cell therapies to regenerate the injured spinal cord"</i>
Nov 11	No Scheduled Seminar—Veterans Day
Nov 18 12 IJK	Nicholas Hatsopoulos, Ph.D. Professor, Dept. of Organismal Biology & Anatomy, University of Chicago Scott Imbrie BCI Study Participant, University of Chicago <i>"My life as a human cyborg"</i>
Nov 25	No Scheduled Seminar—Thanksgiving Holiday
Dec 2 12 IJK	W. David Arnold, MD Executive Director, UM System NextGen Precision Health Initiative Professor, Dept. of PM&R University of Missouri <i>"Targeting neuromuscular excitability for age related loss of physical function"</i>
Dec 9 Virtual	Ronald J. Cotton, MD, PhD Attending Physician Scientist, Shirley Ryan AbilityLab Assistant Professor, Dept. of PM&R, Northwestern University <i>"A causal framework for precision rehabilitation"</i>