

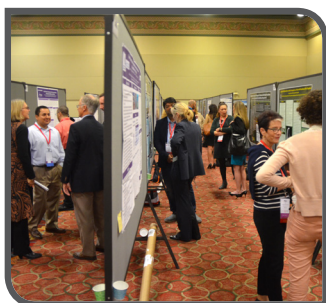


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**Technology Group**  
**Informational Meeting**

THU 7:00 - 8:00 AM

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**PRE-CONFERENCE COURSES** *TECHNOLOGY TOPICS. SEE THE APP FOR DESCRIPTIONS & MORE*

- 41 Extending Brain-Computer Interface (BCI) Technology to Rehabilitation for Stroke Patients; FACULTY: Allison, Prabhakaran
- 43 Randomized control pilot trial: Evaluating AMPCARE's Effective Swallowing Protocol for treatment of dysphagia post stroke.; FACULTY: Campbell, McAdoo
- 91 Cognitive Support Technology and Vocational Rehabilitation: Approaches for Postsecondary Students With a Traumatic Brain Injury; FACULTY: Rumrill, Scherer, Elias, Hendricks, Jacobs, Leopold, Stauffer, Sampson, Nardone
- 182 Advances in Novel Technologies for Rehabilitation: Demonstration and Discussion; FACULTY: Proffitt, Fasoli, Foreman, Gauthier, Preminger
- 268 Mobile Health Technologies and Chronic Disease Management: Applications in Rehabilitation; FACULTY: Phillips, Kitsiou, Martino, Gerber, Faiola, Lehmann

**CORE CONFERENCE SYMPOSIA TITLES** *TECHNOLOGY TOPICS. SEE THE APP FOR DETAILS*

- 61 Novel Applications of Technology for Brain Injury Rehabilitation of Military Service Members; FACULTY: Morris, Gore, Nakase-Richardson, Wallace
- 78 Maximizing motivation and engagement during motor learning: insights from practice in a virtual environment; FACULTY: Levac, Lohse, Chen, Proffitt
- 93 Improving Rehabilitation of Cancer Survivors through Human Factors Engineering Collaboration with Health Care; FACULTY: Sesto, Tevaarwerk, Cadmus-Bertram, Yen, Christensen Holz, Wiegmann
- 109 Training Outcomes of Functional Electrical Stimulation, Testosterone and Exoskeleton in Persons with Spinal Cord Injury; FACULTY: Gorgey, Johnston, Forrest,
- 125 Tele-consultation for Inpatients With Double Vision: Initial Case Studies With a Novel Smart Phone Application; FACULTY: Houston, Keilty
- 126 Rehab Technology is Here to Stay: Making it Work in the Clinic; FACULTY: Backus, Farris, Kandilakis, Sasso
- 127 Quantification of Gait and Gait Related Activities Among Individuals Living with Neurodegenerative Conditions Using Mobile Technology; FACULTY: Hirsch, Newman, Hebert, van Wegen, Carollo, Heyn, Peindl
- 148 Affordable Motor-assisted Elliptical Training to Improve Physical, Cognitive, Psychosocial and Health Outcomes Across Rehabilitation Continuum; FACULTY: Burnfield, Terryberry-Spohr, Tran
- 155 A Comprehensive Review of Adult and Child Powered Mobility Driving Assessments and Training Interventions; FACULTY: Kamaraj, Nilsson, Dicianno, Minkoff, Cooper
- 167 Evading the Valley of Death: Best Practices For Commercializing Rehabilitation and Assistive Technologies; FACULTY: Greenwald, Lurie
- 169 Advanced Technologies in SCI and Amputee Rehabilitation: What's on the Horizon; FACULTY: Morrow, Grahn, Vos-Draper, Gill, Hansen, Zhao
- 177 Independent Transfers: Why Technique is Important, How to Teach It, and Does Training Change It?; FACULTY: Worobey, Hogaboom, Koontz, Rice
- 180 Is it Arthrogryposis? Medical evaluation, surgical considerations and rehabilitative interventions for children with Multiple Congenital Contracture Syndrome; FACULTY: Bosques
- 236 Promoting the therapeutic use of technology into everyday practice; Where are we now? Where are we going?; FACULTY: Ferguson, Rakoski
- 244 Functional Electrical Stimulation (FES): On the Road to Personalized Intervention.; FACULTY: Alon
- 249 Diet and Exercise Post-Stroke: Too Much or Too Little?; FACULTY: McDougall, Vuagnat, Tang, Phadke
- 254 Rehabilitation Using Technology-Based Functional Environments: Cognitive, Physical, and the Interaction Between Them; FACULTY: Preminger, Proffitt, Gauthier, Wallace, Morris
- 278 Interactive Visual Feedback for Neurorehabilitation: Best Design Practices; FACULTY: Worthen-Chaudhari, Bockbrader
- 283 Exoskeleton-Assisted Walking for Persons With Neurological Conditions: Part I — Review of ongoing Clinical Trials; FACULTY: Forrest, Spungen, Hohl
- 284 Exoskeleton-Assisted Walking for Persons With Neurological Conditions: Part II — Exoskeleton Cases; FACULTY: Forrest, Kozlowski, Tefertiller, Jayaraman, Kandilakis
- 380 Beyond Silos in Cognitive Rehabilitation: Integration of Interprofessional Collaboration, Telehealth, and Health Literacy; FACULTY: Waldron-Perrine, Mudhar, Ashman
- 551 Beyond Hearing Aids: Considerations for Environmental Design for Older Adults with Impaired Hearing; FACULTY: Hull
- 553 Technical and Operational Applications of Telemedicine With Chronic Health Conditions With a Case Review Regarding Chronic Low Back Pain; FACULTY: Davis, Chokshi
- 563 The Neuroimaging Toolbox – Understanding the different methods to study neuroplasticity; FACULTY: Parrish, Wang, Chen, Wang
- 620 Development of Telerehabilitation Services in Social Insurance Institution of Finland; FACULTY: Honkonen
- 795 Research Dissemination: How to Enhance Your Digital Presence and Impact; FACULTY: Bahraini
- 848 Limb Loss Model System of Care: Report of the National Limb Loss Task force 2015; FACULTY: Sheehan