OBJECTIVES

Course Objectives:

- Discover integrated methods to enhance tissue healing and regeneration through the use of mechanotransduction and applied biophysics, and how these approaches relate to the application of clinically available rehabilitation approaches.
- Understand the principles of regenerative medicine and how rehabilitation interfaces with these state-of-the-art technologies for optimal patient recovery.
- Participate in novel interactions with clinicians, researchers and therapists through formal and informal networking activities.

COURSE PROFILE

This year's course will include:

- Presentations on the following topics: Regenerative Rehabilitation Technologies, Applied Mechanobiology, Regenerative Rehabilitation for the Military Medicine, Closing the Gap: Funding and Education, Translating the Science: Clinical Trials
- Clinical Applications group discussion focusing on better communication and engagement between researchers and clinicians.
- Poster session and industry exhibits

CME CEU

Continuing Education Credits

The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Pittsburgh Department of Physical Therapy is a pre-approved provider for Pennsylvania State Board of Physical Therapy.

We will be requesting accreditation for this activity. Credit information will be posted once it has been awarded.

ORGANIZERS

Course Organizers:

- UPMC Rehabilitation Institute
- School of Health and Rehabilitation Sciences, University of Pittsburgh
- University of Pittsburgh School of Medicine, Center for Continuing Education in the Health Sciences
- The McGowan Institute for Regenerative Medicine, University of Pittsburgh
- Rehabilitation R&D Center of Excellence at the VA Palo Alto Health Care System

Hosted by: University of Washington School of Medicine, Institute for Stem Cell and Regenerative Medicine and UW Department of Rehabilitation Medicine.

**DIRECTORS**

**Course Directors:**

Fabrisia Ambrosio, PhD, MPT  
Associate Professor, Department of Physical Medicine and Rehabilitation  
Director, Cellular Rehabilitation Laboratory  
University of Pittsburgh  
Pittsburgh, PA

Michael Boninger, MD  
Vice President, Medical Affairs, Community Provider Services, UPMC  
Senior Associate Medical Director, HERL, VAPHS  
Professor, Department of Physical Medicine and Rehabilitation  
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Professor, Department of Neurology and Neurological Sciences  
Stanford University School of Medicine  
Stanford, CA

William R. Wagner, PhD  
Director, McGowan Institute for Regenerative Medicine  
Professor of Surgery, Bioengineering & Chemical Engineering  
University of Pittsburgh  
Pittsburgh, PA

**Scientific Program Committee:**

Co-Chairs
Fabrisia Ambrosio, PhD, MPT, Department of Physical Medicine and Rehabilitation, University of Pittsburgh

David Mack, PhD, Institute for Stem Cell and Regenerative Medicine, University of Washington

When and Where:

This year’s Symposium is being held in Seattle, Washington, on Thursday, October 11th, Friday, October 12th, and Saturday, October 13th.

We are working to finalize the arrangements with the venue. Details on location, lodging, etc. will be posted as soon as they are available.

For more information, please contact us at rehabmtg@pitt.edu.