Overview
According to the National Institute for Injury Prevention and Control, approximately 1.4 million people sustain a brain injury every year. It is estimated that nearly 2% (5.3 million) of the United States population is in need of assistance and/or lifelong care due to TBI. According to the National Institutes of Health, there are more than 795,000 strokes each year in the U.S., and strokes cause more serious long-term disabilities than any other disease.

*Current Concepts in Brain Injury Rehabilitation* will address, through lectures and discussion, the treatments and strategies employed at the UPMC Rehabilitation Institute. Conference goals are in line with the missions of the Department of Physical Medicine and Rehabilitation and the UPMC Rehabilitation Institute to advance health, expand knowledge, and improve care through research, teaching rehabilitation services, and medical care.

Target Audience
Nurses, physical therapists, occupational therapists, case managers, physiatrists/physicians, fellows, and residents involved with the acute care and rehabilitation of persons involved with the care and rehabilitation of persons with brain injury are encouraged to attend.

Faculty Listing

*Course Director*

Hallie Zeleznik, PT, DPT, NCS
Director, Strategic Initiatives & Professional Development
UPMC Centers for Rehab Services

*Presenters*

Brian Im, MD
Assistant Professor
Director, Traumatic Brain Injury Program & Fellowship
Physical Medicine & Rehabilitation
New York University Langone

Gary Galang, MD
Assistant Professor
Physical Medicine & Rehabilitation, University of Pittsburgh

Doug Pawlak, ABC CO
Orthotist
Union Orthotics and Prosthetics Co.

Natasa Miljkovic, MD, PhD
Assistant Professor
Physical Medicine & Rehabilitation, University of Pittsburgh
Medical Director, UPMC Rehab Services-Transitional Care

Lisa Grumm, RN
Professional Staff Nurse, Brain Injury Rehabilitation
UPMC Mercy

Justin Weppner, DO
Brain Injury Medicine Fellow
Physical Medicine & Rehabilitation, University of Pittsburgh

Terry Breisinger, PT, NCS
Supervisor, Brain Injury Program
UPMC Centers for Rehab Services

Kevin Franzese, DO
Assistant Professor
Physical Medicine & Rehabilitation, University of Pittsburgh

Minda Apel, RN, BSN
Senior Professional Staff Nurse, Brain Injury Rehabilitation
UPMC Mercy

Aubry Lowen, RN
Professional Staff Nurse, Brain Injury Rehabilitation
UPMC Mercy
## Program Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 - 7:45 am</td>
<td>Registration</td>
<td></td>
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<tr>
<td>7:45 - 8 am</td>
<td>Welcome and Introductions</td>
<td>Hallie Zeleznik, PT, DPT, NCS</td>
</tr>
<tr>
<td>8 - 9:15 am</td>
<td>Keynote: Social Determinants in Healthcare</td>
<td>Brian Im, MD</td>
</tr>
<tr>
<td>9:15 - 10:15 am</td>
<td>Blast Traumatic Brain Injury in the Military Population</td>
<td>Justin Weppner, DO</td>
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<tr>
<td>10:15 - 10:30 am</td>
<td>Break</td>
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<tr>
<td>10:30 - 11:30 am</td>
<td>Pathologic Gait Patterns in Traumatic Brain Injury and Other Upper Motor Neuron Syndromes</td>
<td>Doug Pawlak, ABC CO; Gary Galang, MD; Terry Breisinger, PT, NCS</td>
</tr>
<tr>
<td>11:30 am - 12:30 pm</td>
<td>Lunch</td>
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<tr>
<td>12:30 - 1:30 pm</td>
<td>Keynote: Practical Neuroimaging in Rehabilitation Medicine</td>
<td>Kevin Franzese, DO</td>
</tr>
<tr>
<td>1:30 - 2:45 pm</td>
<td>Management of Brain Injuries Through the Post-Acute Care Continuum</td>
<td>Natasa Miljkovic, MD, PhD</td>
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<tr>
<td>2:45 - 3 pm</td>
<td>Break</td>
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<tr>
<td>3 - 3:45</td>
<td>Unique Aspects of Nursing Care in Brain Injury Rehabilitation</td>
<td>Minda Apel, RN; Lisa Grumm, RN; Aubry Lowen, RN</td>
</tr>
<tr>
<td>3:45 - 4 pm</td>
<td>Conference Wrap-up</td>
<td>Hallie Zeleznik, PT, DPT, NCS</td>
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Handouts will be available after October 31, 2018 and can be downloaded from [cce.upmc.com](http://cce.upmc.com).

**To reduce environmental waste, printed handouts of materials will not be available on site.**

**Instructions to register**

**Deadline to register is:** **November 7, 2019**

**Online**
- Online registration can be completed at [cehs.upmc.com](http://cehs.upmc.com)
- Click on "Upcoming Events" then select the course from the list
- Click the Registration button and enter all requested information
- After registering, an electronic confirmation will be sent to the email address you provided us when you registered.

**Paper / Mail-in Registrations**
If you are unable to register online, or you are a UPMC employee whose registration fee will be remitted via journal transfer, you can request a paper registration form by contacting:

**Jessa Darwin**  
[jcd79@pitt.edu](mailto:jcd79@pitt.edu)

The form will include instructions for returning your registration and submitting payment. Checks should be made payable to "University of Pittsburgh, Dept. of PM&R." **Mail the registration form to the following address:**

**Jessa Darwin**  
PMR  
Kaufmann Building Suite 910  
3471 Fifth Ave.  
Pittsburgh, PA 15213

Registration confirmation will be emailed or faxed to you. Please include your fax number/email address on the form.
Registration Fees

All cancellations must be in writing and sent to us via U.S. mail or email to Jessa Darwin (see above). Tuition for cancellations postmarked or date stamped before November 5, 2019 will be refunded in full. No refunds will be made after November 5, 2019.

<table>
<thead>
<tr>
<th>Fee includes:</th>
<th>Early Registration</th>
<th>Late Registration</th>
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<tbody>
<tr>
<td>Course Credits; Continental Breakfast and Lunch; and Parking on-site</td>
<td>On or Before October 5</td>
<td>After October 5</td>
</tr>
<tr>
<td></td>
<td>$65</td>
<td>$75</td>
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Student Tuition: $45

CME Accreditation and Designation Statement

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME) and the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

The University of Pittsburgh School of Medicine designates this live activity for a maximum of **6.75 AMA PRA Category 1 Credits**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

This course is offered for **0.7 ASHA CEUs** *(Intermediate Level; Professional Area)*

The University of Pittsburgh is an affirmative action, equal opportunity institution.