

TENTH ANNUAL INTERPROFESSIONAL

# Spring Symposium

*In collaboration with the Michael T. Goulet Traumatic Brain Injury and Epilepsy Foundation*

# Neuroscience Discoveries and Clinical Practice

## Program and Schedule

April 5, 2012 | 7:45 a.m.– 4 p.m.



UNIVERSITY OF  
NEW ENGLAND



## Session II – 2:15–3:30 p.m.

### Function in Migraine

Most disabling diseases with serious consequences, yet the cause(s) remains poorly understood. Triptan based medication used to treat migraine medication overuse headaches so common is a serious problem. We propose prolonged exposure to the sensory blood-brain barrier (BBB) and its effects on pain behaviors. This session will explore the effects of BBB integrity and its effects on

### Health Got to Do With It?

Research on the topic of snowmobile safety and benefits of various public health policies familiar with a public health policy options available.

### Neuroscience Research and Their Infants

*Conrad, Ph.D., LCSW; Joseph Py, DO*

Research on the power of caring for developing infants and their families serves as a guiding framework to community-based interventions that are being.

### Comes Home: Daily Routine

*Dr. Seder, Connecticut Family Support Program Coordinator, Yale-New Haven*

Neurological disorder or injury requires a daily routine. Participants in this workshop are key members of the Interprofessional Education on neuroscience to home, school, and the confusing bureaucracy of health care

### Working Meditation

*Joe Wolfberg, MS; Karen L. C-C*

Research on the effects of meditation alters brain function. Meditation can have healing properties for the mind's return after distraction and can be used in addition to fine tuning control over cognitive skills. UNE has installed a program to help students learn about its potential to increase focus and clarity, decrease blood pressure, and improve memory and mental and nervous

### Pharmacy 24/28 Clear Window of Opportunity: Neuroplasticity in Infancy and Early Childhood

*Eileen Ricci, PT, DPT, MS, PCS*

This session will explore the latest research and clinical applications of the amazing levels of plasticity of the nervous system in the early stages of human development.

### Finley Recreation Center Sensory Modulation Challenges in Veterans with PTSD and/or TBI

*Judith G. Kimball, Ph.D., OTR/L, FAOTA*

The hyper-vigilance found in veterans with PTSD and/or TBI may be caused in part by Sensory Modulation Challenges, which are an overinterpretation by the brain of the seriousness of survival threats. The resulting behavioral and relationship issues can be explained and even self-treated.

### Ludcke Brain Injury and the ICU

*David B. Seder, MD, FCCP, Medical Director of Neurocritical Care at Maine Medical Center*

Dr. Seder was Michael T. Goulet's physician after his final grand mal seizure. Brain care and recovery are of special interest to Dr Seder, whose practice is dedicated to the critical care of patients with acute brain injury. Dr. Seder will discuss his work and research in this field, and answer questions about neurological critical care in general and Michael's case in particular.

### WCHP Lecture Hall The HBO Addiction Project – Selected Case Studies

*Christian J. Teter, PharmD, BCPP*

Addiction is a chronic relapsing brain disease. Brain imaging shows that addiction severely alters brain areas critical to decision-making, learning and memory, and behavior control, which may help to explain the compulsive and destructive behaviors of addiction. Professor Teter served as a research investigator for the topiramate clinical trial, and he will provide insight on the use of this medication for treating alcohol dependence through viewing and discussion of the HBO Addiction Project.

### Blewett 233 and 237 Your Brain on ART (Maximum Participants 40)



*Brady Nickerson, Artist*

Experience the healing power of art in this hands-on workshop. Participants will learn the technique for Process Art, an innovative, intuitive, feelings based art adventure which improves and enhances the physical, mental and emotional well-being of individuals of all ages. With paper and markers, this relaxation process calms neural activity in the brain and reduces stress and anxiety and allows the healing process to take place.

The 2012 Tenth Annual Spring Symposium is the result of a collaboration between the faculty of UNE, the Interprofessional Education Collaborative, the Center for Excellence in the Neurosciences and the Michael T. Goulet Traumatic Brain Injury and Epilepsy Foundation.





UNE and the Foundation believe strongly in prevention. Please be sure to visit the raffle table in Finley Recreation Center until 2:15 p.m. today and enter to win one of 12 helmets that have been donated by the businesses listed below. Winners will be announced at 3:30 p.m. during the student wrap-up in Finley Recreation Center.

**Motorcycle Helmet** HJC CL-16 Solid Full Face Helmet (Silver) \$150.00

**Bicycle Helmet** Bell Venture Universal Helmet SILVER 2010 \$40.00

**Water Helmet** Pro-Tec Ace \$44.95

**Climbing Helmet** Petzl Elios \$65.00

**Climbing/Cycling Helmet** Kids' Petzl Picchu \$59.95

**Climbing Helmet** PETZL Meteor III + \$110.00

**Bicycle Helmet** (6) Specialized Align \$39.99

Each of these businesses will allow you to exchange your helmet for one that is the proper size and will conduct a free fitting to make sure that the helmet functions as intended.



**Gorham Bike and Ski**

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[www.gorhambike.com](http://www.gorhambike.com)

**Portland**  
 Mon-Fri: 10 a.m.-7 p.m.  
 Sat-Sun: 10 a.m.-5 p.m.  
 693 Congress Street  
 (207) 773-1700

**Saco**  
 Mon-Fri: 10 a.m.-6 p.m.  
 Sat: 10 a.m.-5 p.m.  
 247 Main Street  
 (207) 283-2453



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**Gorham**  
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 Sat: 9 a.m. to 5 p.m.  
 Closed Sunday  
 Route 202  
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**Portland**  
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 Sunday: 10 a.m.-6 p.m.  
 87 Marginal Way  
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