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.



TENTH ANNUAL INTERPROFESSIONAL Spring Symposium

All symposium activities from 7:45–10:45 a.m. will be simulcast from the WCHP lecture hall to the following locations: Finley Recreation Center, Pharmacy 24/28 in Portland and Alfond 304/Pickus 214 on the Biddeford Campus. Participants will be able to ask questions electronically via Blackboard Collaborate. To ask a question, please write it down and pass it to the room moderator. Due to the number of attendees, and the need to create truly interprofessional teams, plan your day by finding your name and assigned location(s) on the scheduling posters.

SCHEDULE FOR THE DAY

7:45-8:15 a.m. Continental Breakfast

8:15–8:30 a.m. Opening Remarks: President Danielle N. Ripich, Ph.D.

8:30–9:15 a.m. Keynote Speaker: Ed Bilsky, Ph.D. Coordinated Brain Care: How Neuroscience Discoveries and Interprofessional Practices can Improve Patient and Population Health

9:15–9:27 a.m. Michael T. Goulet Case Study Video This powerful video illustrates the complexity of traumatic brain injury and epilepsy and its effects on the patient, family, and health care team.

9:30–10:30 a.m. Panel Discussion featuring Michael's father Brad Goulet, sister Danielle Goulet, mother Lynda LeBlanc, David Seder MD, Director of Neurocritical Care at Maine Medical Center; Dr. Howard M. Kunin, DPSY, PSYD New England Rehabilitation Hospital of Portland, and Noel Poirer, RN Intensive Care Unit at Maine Medical Center—Moderated by Edward Bilsky, Ph.D.

10:30–10:45 a.m. Break—Please take this time to move to the location of your Interprofessional Team Discussion. Locations are marked on the scheduling posters.

10:45–11:45 a.m. Interprofessional Team Discussions UNE faculty and student facilitators will moderate small team discussions on the Michael T. Goulet Case Study. This is your opportunity to sign in.

11:45 a.m.–12:45 p.m. Lunch is served near WCHP Lecture Hall, Finley Recreation Center and Pharmacy 24/28. Please take this time to move to the location of the first breakout session of your choice.

12:45-2 p.m. Breakout Session I

2–2:15 p.m. Break—Refreshments will be available near Finley Recreation Center only. Please take this time to move to the location of the second breakout session of your choice.

2:15-3:30 p.m. Breakout Session II

3:30 p.m. Student wrap up—This session will occur in Finley Recreation Center only.

4 p.m. Symposium Ends

BREAKOUT SESSIONS

Session I - 12:45-2 p.m.

Pharmacy 24/28 Blood Brain Barrier Dy

Colin Willis, Ph.D.



Migraine is one of the world's mo social and economic consequent understood. Further, overuse of to treat chronic migraine can induce representing a clinically challeng

exposure to triptan medication may result in a tra dysfunction increasing the potential for migrainecovers Dr. Willis' research into migraine, regulatior headache, and future directions.

Finley Recreation Center What's Public I

Dora Anne Mills, MD, MPH, FAAP



A review of the public health evic injuries and discussion of the rist policy options. Students will beca approach to this topic and the pu

Ludcke The Science of Caring: How Neur Inspires Hope for Recovering Mothers ar

Jennifer Morton, DNP, MPH, RN; Shelley Cohen K

This workshop will discuss the role of brain plastic relationships to strengthen attachments between recovering mothers. The socioecological model se understand this phenomenon and informs commu seek to improve maternal/child health and well-b

WCHP Lecture Hall When Neuroscience Translating Science to Caregiving and Da

Tesha Imperati, Director of Programs and Servic Network; Karen Zrenda, Family Resource Program Children's Hospital

Living with and caring for a person with a neurolog knowledge, skills and advocacy in all domains of session will learn to recognize family caregivers as Team, Session presenters will review the translatio work, recreation, spiritual worlds and the often co and social services.

Blewett 006 Health Care Benefits of Wa Using the Labryrinth

Cally Gurley, MLIS; Cali Johnson, M.S.Ed., LCPC; Houseknecht, BS/MS/Ph.D.; Jeannie Wood, LCPC

Brain imaging studies have shown that the practic To walk a labyrinth is to meditate, and such a prapatients. Meditation reduces pain, speeds the min provide mental, physical and emotional balance i attention, facilitating sleep and improving critical labyrinth behind the Art Gallery on the Portland ca reduce stress and anxiety, improve mental focus a relieve symptoms related to hormonal changes, do system disorders.

Session II – 2:15–3:30 p.m.

sfunction in Migraine

st disabling diseases with serious ces, yet the cause(s) remains poorly iptan based medication used to e medication overuse headaches so ing problem. We propose prolonged nsitory blood-brain barrier (BBB) ike pain behaviors. This session n of BBB integrity and its effects on

Health Got to Do With It?

ence on the topic of snowmobile ks and benefits of various public ome familiar with a public health ublic policy options available.

roscience Research Id Their Infants

onrad, Ph.D., LCSW; Joseph Py, DO

city and the power of caring developing infants and their rves as a guiding framework to unity-based interventions that eing.

Comes Home: aily Routine

es, Connecticut Family Support m Coordinator, Yale-New Haven

gical disorder or injury requires daily routine. Participants in this key members of the Interprofessional on of neuroscience to home, school, nfusing bureaucracy of health care

Iking Meditation

Joe Wolfberg, MS; Karen L. C-C

e of meditation alters brain function. ctice can have healing properties for nd's return after distraction and can n addition to fine tuning control over cognitive skills. UNE has installed a ampus, learn about it's potential to and clarity, decrease blood pressure, yslexia 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 Free fitting with the purchase of any helmet

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



Reynold Motorsports Free fitting with the purchase of any helmet www.reynoldsmotorsports.com

Gorham Mon-Fri: 9 a.m. to 7 p.m. Sat: 9 a.m. to 5 p.m. Closed Sunday Route 202 (four miles west of Gorham)

> 800-433-6641 (207) 929-6641



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(207) 541-1919

