

# WCHP Spring Research & Scholarship Symposium

Friday, May 7, 2010  
8 am to 2 pm

## *Oral Presentations—8 am to 12 pm*

*(Bagels, fruits & coffee available in each room!)*

- *Ludcke Auditorium*
- *Hannaford Auditorium (Pharm 109)*
- *Pharmacy 024*

## *Poster Presentation—12 pm to 2 pm*

*(Light lunch will be served!!)*

- *Finley Recreation Center*

**UNE** UNIVERSITY OF  
NEW ENGLAND  
Portland Campus

**Oral Presentations**  
**Hannaford Auditorium (Pharmacy 109)**  
**Friday, May 7, 2010**  
**8:30 am to 12 pm**

<b>Time</b>	<b>Presenter(s)</b>	<b>Title of Presentation</b>	<b>Advisor</b>	<b>Dept.</b>
8:30	Samantha Martin Joshua Paradis Jennifer Johnson Melissa Oliver	The comparison and effects of dynamic and static stretching on flexibility of the hamstrings and shoulder	Shireen Rahman	ESP
8:50	Ben Ingerson Cody LaPointe Colin Crowther Matt Viega	The effects of various stretching regimens on short-burst anaerobic exercise performance	Shireen Rahman	ESP
9:10	Andrew Binks Renee LeClair	The role of Cthrc1 in Pulmonary Fibrosis: Preliminary Results	Andrew Binks	IHS, CHP. COM
9:30	Kelly Cowan Vanessa Sherman Shawna Sullivan	Take Action Today: A Televised Health Promoting Program for Physical, Mental, Cognitive, Perceptual, and Social Health for At-Risk Populations	Beth Moyer	OT
9:50	April Stuart Chelsea Smith Ashley Currier Elliott Howard Kate McCarter	The Effects of Classical, Techno, and No Music on Obstacle Course Performance	Shireen Rahman	ESP
10:10	Carrie Bunnell Brian Bisson Ryan Fogell Jennifer Waldecker	A comparison of the effects of an abdominal electrical stimulation belt versus manual abdominal hollowing on girth measurements, skinfold measurements, and sit-up tests	Shireen Rahman	ESP
10:30	Caitlyn Townsend Janine Loguidice	Regaining Independence: How the nervous system can help an upper extremity amputee with the use of advanced technology	David Sandmire	Neuroscience
10:50	Amanda Barton Sarah Cooke Kaylee Faulkner Sara Pelkey Molly Stanton Malori St. Pierre	Studing the Effectivemness of the Wilbarger Protocol on Adults with Sensory Processing Disorder, Post Traumatic Stress Disorder and Traumatic Brain Injury Using saliv ary Cortisol	Judith Kimball	OT
11:10	Brittany Miller Kristen Green Kristen Meza Kimberley Bilodeau Cassandra Bushey	The effects of static and dynamic stretching on flexibility measurements	Shireen Rahman	ESP
11:30	Jenna Cappucci Tracy Connors Lauren Marino Whitney Paul	How Do Different Beverages Affect Hydration During a 30 Minute Bout of Exercise on a Treadmill	Shireen Rahman	ESP

**Oral Presentations  
Ludcke Auditorium  
Friday, May 7, 2010  
8:30 am to 12 pm**

<b>Time</b>	<b>Presenter(s)</b>	<b>Title of Presentation</b>	<b>Advisor</b>	<b>Dept.</b>
8:30	Amy Donovan Amanda Fortier Jamie North Ericka Ravlin	Daily Routines of Breastfeeding	Jan Froehlich	OT
8:50	Michael Sheldon	Influences on State Policy Responses to Address Work-Related Musculoskeletal Disorders (WMSDs)		PT
9:10	Heather Rugg Sam Reid Becky Enright Cassie Zdrojeski	Which Relaxation Technique, Music, Scent or Water is Most Effective in Returning the Body to Resting Heart Rate After a Stressor?	Shireen Rahman	ESP
9:30	Sarah Coulombe	Trunk Position and how it affects Foot Speed of the Martial Arts Front Kick	Shireen Rahman	ESP
9:50	Regi Robnett Amanda Alboth Jacqueline Aldred Cassie Ames Rebecca Lindquist Laura Wallace	The Development and Initial Psychometric Analysis of a Visual Perceptual Test Related to Driving: the ChoRo	Regie Robnett	OT
10:10	Abbie Morneault Danielle Cate Bethany Pitton Katelynd O'Neil	he Effect of Music Tempo on Muscular Endurance	Shireen Rahman	ESP
10:30	Tori Brooks Rebecca Varney Luke Defoire Brian Cummings	The Effects of Nutrient Composition of Cereal on a 12- mInute Walk Test	Shireen Rahman	ESP
10:50	Ryan Knight Whitney Depres Lauren Carter Michael Bertrand	Does Initial Foot Position Influence 10- and 20-m Sprint Performance?	Shireen Rahman	ESP
11:10	Christina Cusick Catherine Clough Michael Doucet	The Effects of Picture Groups on Physiological Responses	Shireen Rahman	ESP

**Oral Presentations**  
**Pharmacy 024**  
**Friday, May 7, 2010**  
**8:30 am to 12 pm**

<b>Time</b>	<b>Presenter(s)</b>	<b>Title of Presentation</b>	<b>Advisor</b>	<b>Dept.</b>
8:30	Katrina Crossley Emily Smith Douglas Spurling Abigail Slavin Michael Woods	The effects of the presence of peers on exercise performance	Shireen Rahman	ESP
8:50	Ashley Dyer Amanda Rhan Ashley Tremblay William Croninger	The Returning Warrior project	William Croninger	OT
9:10	Mark Johnson Heidi Jones Dan Kelleher Brian Peccia	The effects of unilateral limb warm-up on bilateral limb flexibility	Shireen Rahman	ESP
9:30	J. Lindan Andrews Brooke Burkett Frank Sanfilippo	You Never Step in the Same River Twice	Lauren Como	MSW
9:50	Kaitlyn Brems Jamie Hoffman	Mirror Therapy for Phantom Limb Pain in the Upper Extremity.		OT
10:10	Danielle Landry Charles Pentrope Kailie Morrisey Brittany Latsey Taylow Frase Meghan Flynn	o commercial abdominal rollers have the same EMG results as traditional crunches?	Shireen Rahman	ESP
10:30	Cherie Flynn	Change Your Mind: Prevention of Relapse in Depression	Carl Toney	PA
10:50	J. Lindan Andrews Nancy Carroll Danielle Rowland Erika Schlieper	Communication is the Problem to the Answer	Vernon Moore	MSW

**Poster Presentations  
Finley Recreation Center  
Friday, May 7, 2010  
12 pm to 2 pm**

<b>Presenter(s)</b>	<b>Title of Poster</b>	<b>Advisor</b>	<b>Dept.</b>
Angela Eagleston Julie Eldredge Mallory Long Albert Miltner Hannah Mercier William Croninger	The Returning Warrior Project	William Croninger	OT
Stephanie Fortier Ansley O'Bar Kate Hallowell	Autism and Its Impact on Oral Hygiene	Marji Harmer-Beem	DH
Aurelija Assennato Julie Bear Katie Ham	Laser Fluorescence: An Important Diagnosis Adjunct for Caries Detection	Marji Harmer-Beem	DH
Deirdre Cloonan Renee Harvie	Independent Practice Dental Hygienist (IPDH)	Marji Harmer-Beem	DH
Samantha Skvorak Kate MacLeod	An Analysis of Xylitol and Caries Prevention	Marji Harmer-Beem	DH
Elizabeth Williams	TBD	Karen Pardue	NSG
Michael Fillyaw Elizabeth Dyer	Faculty-Librarian Collaboration in Teaching Evidence-Based Practice		PT
Ashley Dickerson Lis Dudley-Bean Sherri McKenna Kim Simonsen Amanda Whiting	Evaluation of a Professional and Peer Team Approach to Breastfeeding Support for WIC Participants	Jan Froehlich	OT
Lauryn LeGacy	Cardiac Education an Interdisciplinary Approach	Jen Morton	NSG
Andrew Binks Renee LeClair	The Role of Cthrc1 in Pulmonary Fibrosis: Preliminary Results		IHS, CHP, COM
Gwen Duren Kaylin Regula Anna Welch Nicole Kerrigan	The Effectiveness of a Physical Activity and Nutrition Program for 3 <sup>rd</sup> and 4 <sup>th</sup> Graders: The FUN Program – Phase II	Jane O'Brien	OT
Casey Nightingale Cori Goodwin Kristin Schrepper	TBA	Judith Kimball	OT
Jeff Champagne Taryn Flagg Ashley Pepin	Effectiveness of a Pre-Operation Education Group for Knee Replacement Surgery	Beth Moyer	OT
Kevin Martin Joseph Burnell	The Right Choice	Jen Morton	NSG
Regi Robnett Hilary Arsenault Kristel Anne Ayroso Taylor Hovey Julie Monteiro Angela Sgrignuoli	Assessing Cognition in an Acute Care Setting: Seeking the Optimal Tools	Regi Robnett	OT
Agata Krawczyk Cheryl Cote	Dentin Hypersensitivity During Tooth Whitening	Marji Harmer-Beem	DH