



*The Department of Physical Therapy Proudly Presents*

## **The 13th Annual Physical Therapy Research Symposium**

Friday, May 2, 2008 at 6:00 pm  
2nd Floor, Hazel Hall, Room 2040

### **Oral Presentations of the Final Research Projects of the DPT Class of 2008**

#### **Quality of Life, Abdominal Muscle Strength, and Endurance of Women Following Breast Reconstruction**

Jamila S. Dalton and Tai A. Dial  
Advisor: Cindy Holder Gill, PT, MEd

#### **Functional Outcomes in Patients Following Acute Cerebrovascular Accident**

Jessica L. Denny and Stephanie R. Miller  
Advisors: Dennis Klima, PT, MS, NCS, GCS and Sarah W. Sharpe, PT, DPT  
and Joseph Beatus, PT, PhD

#### **Life Changes Associated with Amputation: A Case Report**

Russel Underwood and Nicole R. Garner  
Advisors: Janet L. Mutschler, PT, MHS and Nancy Vinroot, PT

#### **Factors Related to Bat Velocity in Collegiate Female Softball Players**

Ashley H. Christenson and Leslie A. White  
Advisor: Michael C. Rabel, PT, MPT, DSc, OCS

*Break\**

#### **The Relationship between Muscle Strength, Balance, Physical Performance and Fear of Falling in Older Adult Men**

Matthew B. Greene, Peter A. Tam, Philip G. Smith, and Joshua C. Bigelow  
Advisors: Dennis Klima, PT, MS, GCS, NCS and Michael Rabel, PT, MPT, DSc, OCS

#### **The Effects of Anxiety, Physical Fitness, and Anthropometric Factors on Heart Rate Variability**

Angela N. Moore, Satta Y. Kanneh, and Megan E. Nestlerode  
Advisors: Margarita Treuth, PhD, Vernon Bond, PhD and Joseph Beatus, PT, PhD

#### **The Role of the Physical Therapist in the Improvement of Quality of Life and Sexual Function for Women with Urinary Incontinence**

Stephanie J. McAllister and Sarah H. Oleksak  
Advisors: Joseph Beatus, PT, PhD, Jennifer O'Neill, PT, MPT and Kristin Serinis, PT, DPT

#### **The Effects of Aquatic and Land Plyometric Training on Performance in Collegiate Basketball Players**

Sabrina Altema, Brendan J. Cassidy, John A. Jowers, and Imani R. Mack  
Advisor: Cindy Holder Gill, PT, MEd