

**Rehabilitation Research Career Development Program (K12)  
Annual Meeting - May 2008**

**SUMMARY**

**Program Overview**

- Total of 12 scholars to be recruited over 5 years (6 UTMB, 6 UF)
- Phase 1 – provides up to 3 years of funding (salary, research expenses, travel)
- Phase 2 – continued mentoring, but no funding

**Current Scholars**

*Roxanna Bendixen, PhD, OTR*

UF, Occupational Therapy

Lead Mentor: Krista Vandenborne, PhD, PT

Research Project: Investigates factors of strength, function, participation in activities and quality of life in children with Duchenne Muscular Dystrophy (DMD)

*Hans Dreyer, PhD, PT*

UTMB, Physical Therapy

Lead Mentor: Elena Volpi, MD, PhD

Research Project: Examines effects of exercise training on skeletal muscle protein metabolism and satellite cell activity in healthy, type 2 diabetic, and older subjects

*Mark Bishop, PhD, PT*

UF, Physical Therapy

Lead Mentor: Michael Robinson, PhD

Research Project: Investigates body-based and cognitive interventions in the management of pain

*Chris Gregory, PhD, PT*

UF, Physical Therapy (see note in next section)

Lead Mentor: Steven Kautz, PhD

Research Project: Assesses skeletal muscle properties in persons with post-stroke hemiparesis to determine impact on functional performance

*Timothy Reistetter, PhD, OTR*

UTMB, Rehabilitation Sciences

Lead Mentor: Ken Ottenbacher, PhD, OTR

Research Area: Examines community participation outcomes in brain injured older adults and upper extremity function after traumatic brain injury and stroke

**Updates/Plans**

- Hans Dreyer's K01 grant titled, "Muscle regrowth during physical rehabilitation and amino acid supplementation," received a score of 120 and funding is anticipated for September 1, 2008 through the National Center for Medical Rehabilitation Research (NICHD), NIH.

- Mark Bishop's K01 grant titled, "Neurobiological mechanisms of body-based intervention for musculoskeletal pain," received a score of 130 and funding is anticipated for September 1, 2008 through the National Institute of Arthritis and Musculoskeletal and Skin Diseases, NIH.
- Beatriz "Betty" Abreu, PhD, OTR, has assumed the role as Recruitment Officer, temporarily replacing Gayle Weaver who is on faculty development leave until May 2009. Dr. Abreu is Director of Occupational Therapy at the Transitional Learning Center, a residential facility which provides services to survivors of brain injury and includes a team of investigators with expertise in brain injury and rehabilitation research. She is a Clinical Professor in Occupational Therapy at UTMB.
- Chris Gregory was added as a scholar after the advisory board meeting and is supported by matching funds through UF.
- Four additional scholar positions (2 UTMB, 2 UF) will be available September 1, 2008. Recruitment activities are underway.
- First progress report will be due July 1, 2008.

### **Recruitment**

- Ads were placed thru July/August in:
  - American Journal of Physical Medicine & Rehabilitation (online)
  - Archives of Physical Medicine & Rehabilitation (online)
  - American Congress of Rehabilitation Medicine (online)
  - Chronicle of Higher Education (online)
  - OT Practice Magazine – AOTA (online)
  - PT Bulletin – APTA (online)
  - Hispanic Outlook in Higher Education (print & online)
- Flyers were distributed to:
  - RRCD External Advisory Board
  - VA Rehabilitation Research & Development Centers of Excellence
  - Occupational Therapy Programs
  - Physical Therapy Programs
  - Rehabilitation Sciences Graduate Programs
  - NCMRR T32 Training Grant Directors
  - NCMRR Rehabilitation Research Infrastructure Cores
  - NIDRR Rehabilitation Research Training Centers (RRTC)
  - NIDRR Advanced Rehabilitation Research Training Projects (ARRT)

### **Qualifications of Applicants**

- Original requirement
  - U.S. Citizenship
  - Research Doctorate
  - Not a PI on an R01, R03, or other major grant
  - Post Doc experience of at least one year, but not more than five, in a traditional fellowship, research institute or center, or a faculty position with minimum teaching and service responsibility

- Options to modify the postdoctoral experience requirement
  - *Preferred* postdoctoral experience or equivalent
  - Include newly graduate PhD's
- Decision made to modify as *preferred* postdoctoral experience
- Decision made not to accept DPT or other clinical doctorates at this time

### **Partner Institutions/Networking**

- Explore how to involve other institutions who submitted K12's that were not awarded; good groups that can benefit the RRCD Program
- Option to use feeder programs
  - Recruit candidates thru PhD and postdoc programs
- Identify opportunities to facilitate outside training
  - Research Centers – NCMRR Infrastructure research centers, VA, NIDRR

## K12 Meeting Participant List

### Executive Group

Kenneth Ottenbacher, PI/Program Director	Professor & Director, Rehabilitation Sciences, University of Texas Medical Branch (UTMB)
Krista Vandendorne, Deputy Director	Professor & Chair, Physical Therapy, University of Florida (UF)
Betty Abreu, Recruitment Officer	Clinical Professor, Occupational Therapy, UTMB; Transitional Learning Center
William Mann, Assoc Director	Professor & Chair, Occupational Therapy, UF
Elizabeth Protas, Assoc Director	Professor & Interim Dean, Allied Health Sciences, UTMB
Beth Cammarn, Project Administrator	Administrative Specialist, Rehabilitation Sciences, UTMB
Ellen Esparolini, Admin. Support	Coordinator of Research Programs, Physical Therapy, UF

### Advisory Board

Abbey Berenson	Professor, Ob-Gyn Adolescent Gynecology, UTMB
Charles Christiansen	Executive Director, American Occupational Therapy Foundation
Jean Deitz	Professor, Occupational Therapy, University of Washington
Reggie Edgerton	Professor, Physio Science & Neurobiology, University of California Los Angeles
Arthur English	Professor, Cell Biology, Emory University
Chukuka Enwemuka	Professor & Dean, Health Professions, New York Institute of Technology
Leslie Gonzales-Rothi	Professor, Neurology, UF
Carl Granger	Professor & Chair, Rehabilitation Medicine, State University of New York, Buffalo
Joe Hidler	Associate Professor, Biomedical Engineering, Catholic University
Alan Jette	Director, Health & Disability Institute, Boston University
Mary Rodgers	Professor & Chair, Physical Therapy, University of Maryland
W. Zev Rymer	Professor, Physical Medicine & Rehabilitation, Northwestern University

### Lead Mentors

Tetsuo Ashizawa	Professor & Chair, Neurology, UTMB
Andrea Behrman	Associate Professor, Physical Therapy, UF
William Buford	Professor, Orthopaedic Surgery, UTMB
Barry Byrne	Pediatrics, UF
Steven Kautz	Associate Professor, Physical Therapy, UF
Kyriakos Markides	Professor, Preventive Medicine, UTMB
Kurt Mossberg	Professor, Physical Therapy, UTMB
Glenn Ostir	Associate Professor, Internal Medicine - Geriatrics, UTMB
Doug Paddon-Jones	Associate Professor, Physical Therapy, UTMB
Regino Perez-Polo	Professor, Biochemistry & Molecular Biology, UTMB
Michael Perri	Interim Dean, College of Public Health & Health Professions, UF
Blake Rasmussen	Associate Professor, Physical Therapy, UTMB
Melinda Sheffield-Moore	Associate Professor, Internal Medicine – Endocrinology, UTMB
Elena Volpi	Professor, Internal Medicine – Geriatrics, UTMB

### Scholars

Roxanna Bendixen	Assistant Professor, Occupational Therapy, UF
Mark Bishop	Assistant Professor, Physical Therapy, UF
Hans Dreyer	Assistant Professor, Physical Therapy, UTMB
Timothy Reistetter	Assistant Professor, Rehabilitation Sciences, UTMB (East Carolina University)