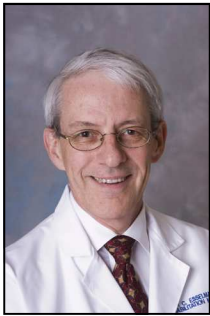


DEPARTMENT OF Rehabilitation Medicine

VOLUME III, ISSUE 1 WINTER/SPRING 2010

LETTER FROM THE CHAIRMAN



Greetings UW Rehabilitation Medicine friends and colleagues,

After nearly a two year process, I am pleased to say that our classroom expansion and renovation project at the UW Health Sciences Building is complete. I would like to extend a sincere thank you to all faculty, staff, alumni and donors who made the project possible. We have published a few photos in this issue so you may get a glimpse of our state-of-the-art teaching facilities if you haven't seen them already.

We have also included an interesting feature in this edition of the newsletter: a sampling of UW Rehabilitation Medicine's activities in the global setting. The variety and quality of work that our faculty members are doing—from training prosthetists in Sierra Leone, to collaborating on traumatic brain injury research in Latin America, to providing international clinical clerkship opportunities for our PT and OT students in Molodva, to treating the world's most elite athletes at the Olympic and Paralympic games in Vancouver, B.C.—truly exemplifies our commitment to rehabilitation research, teaching and clinical work not only in our local community, but in the global community as well.

Thank you for reading. Contact us at rehab@uw.edu with questions or comments.

Peter Esselman, MD
Professor and Chairman

UW CLASSROOM RENOVATION AND EXPANSION PROJECT COMPLETE



Dr. Ramsey & Dr. Esselman
at the Jan. 28 Ribbon cutting
Ceremony

We are pleased to announce the completion of our classroom renovation project at the UW Health Sciences Building. The renovations have greatly improved and expanded the teaching space for our curricula - the Doctor of Physical Therapy (DPT) Program, the Master of Occupational Therapy (MOT) program, and the Prosthetics and Orthotics (P&O) program - and provided new space for our PhD in Rehabilitation Science students and other post-doctoral fellows.

Story continued on page 2

CALENDAR

- **May 4, 2010**
UWTV: MS from A to Z
8 PM PST, UWTV
- **May 13, 2010**
Justus F. Lehmann
Symposium
Center for Urban
Horticulture
- **July 6-11, 2010**
UW TBIMS 2nd Annual
TBI Artist Showcase
Burk Museum of Natural
History

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CLASSROOM RENOVATION STORY CONTINUED FROM PAGE 1

In celebration of the renovation project completion, a ribbon cutting ceremony was held on January 28, where faculty, staff, alumni, students, family and friends gathered and toured our state-of-art classrooms. Among those present at the ceremony were Paul Ramsey, MD, Dean, UW School of Medicine, and Peter Esselman, MD, Professor and Chair of Rehabilitation Medicine.

Some features of our newly renovated classrooms include:

- The MOT classroom has a new Activities of Daily Living (ADL) feature - a kitchen (stove, dishwasher, refrigerator), bathroom (tub, shower and toilet), and a bedroom (bed, dresser) for students to practice with volunteer patients
- The DPT clinical teaching space has doubled in size with the addition of classroom BB-918 to the existing room BB-916
- The P&O classroom has 6 new patient areas for volunteer patient sessions; wall mounted parallel bars, and expanded storage space
- State-of-the-art audio and visual equipment has been installed in every classroom and the department conference room
- New men's and women's changing rooms
- Lockers for all students
- New and renovated faculty offices

For more information on the DPT, MOT, P&O, and PhD in Rehabilitation Science programs, please visit our website at:

<http://rehab.washington.edu/education/>

A quick look at our newly renovated MOT, DPT, and P&O classrooms:



MOT Classroom with ADL features



DPT Teaching Space



P&O volunteer patient session

UW REHABILITATION MEDICINE'S GLOBAL ACTIVITIES

From teaching, to research, to clinical work, our commitment to rehabilitation medicine extends beyond our local Seattle community. Below we have highlighted the work of a few members of our faculty in Sierra Leone, Moldova, British Columbia, and Latin America.

Sierra Leone: A Teaching Mission to Improve The Quality of Prosthetic Services

In October 2009, **Daniel Abrahamson, CPO** and Lecturer, was sponsored by the *Northwest Chapter of The American Academy of Orthotists and Prosthetists* in conjunction with [Prosthetics Outreach Foundation](#) (POF) to go on a two week teaching mission to Makeni, Sierra Leone. In June of 2006, POF opened a Rehabilitation Center in interior Sierra Leone to help care for the large population of untreated amputees resulting from the country's recently ended 11 year civil war. POF's clinic is staffed entirely with local health care workers who provide a valuable service in the world's poorest country where access to care is a significant problem.



Prosthetists at the clinic expressed a need for increased training in the area of transfemoral prosthetics. Mr. Abrahamson was selected to help the center meet this training need, and spent two weeks teaching socket design, suspension and alignment principles to the clinic's prosthetists.

The experience was eye opening, heart warming, and enriching. There is a tremendous need for teaching at the center in all areas of rehabilitation medicine. Mr. Abrahamson plans to return to Sierra Leone in the fall of 2010 and he encourages anyone who is interested in helping him provide advanced training for the clinic's health care workers to contact him at: abrahams@uw.edu.

The Republic of Moldova: International Clinical Clerkship

In September 2009, **Cyndi Robinson, PT, PhD**, completed her 8th trip to the Republic of Moldova as director of the DPT Program's International Clinical Clerkship. Moldova, located in Eastern Europe, is the poorest country in the developing world, and rehabilitation practice is 25-30 years behind that of the United States.

Dr. Robinson's clerkship is an enriching learning opportunity, both professionally and culturally. UW faculty, PT and OT students as well as rehabilitation professionals from the Seattle community, travel as volunteers of Medical Teams International to Moldova where they live and work for two weeks. The primary focus of the team is to provide professional training to local health care providers. Students work under the guidance of the multidisciplinary team of US professionals to: 1) present education sessions to Moldovan health care professionals, 2) provide direct patient care in pediatric, adult neurologic, burn rehabilitation and community integration settings, and 3) identify similarities and differences in the roles and training of health care providers, health care systems, payment systems, and typical health care practices in the US and Moldova.

Dr. Robinson will travel to Moldova in July and September, 2010. Following a 2009 meeting with provosts and deans of the Sport University where kinetotherapists are educated, Dr. Robinson will initiate teaching opportunities with university faculty members based on a "train the trainer" model.

In addition to her work in Moldova, Dr. Robinson was invited to lecture at the Bashkirian State Medical University in Ufa, Russia in September 2009. Dr. Robinson presented research she completed in the UW PhD Program in Rehabilitation Science, and also provided lectures and clinical training related to standardized measures of balance and walking. She also presented to the Board of the University regarding the "Education, Role, and Responsibilities of the Physical Therapist in the United States." She has been invited to return to the University this year to provide additional lectures. To learn more about the clerkship, please contact Cyndi at: cyndirob@uw.edu.

UW Rehab Medicine Global Activities continued from page 3

Vancouver, B.C.: Volunteer Physicians for 2010 Olympic & Paralympic Winter Games



Dr. Krabak

Two of our UW Rehabilitation Medicine faculty members, **Brian Krabak, MD, MBA**, Associate Professor, and **Nelson Hager, MD, MS**, Associate Professor, volunteered their time and expertise as physicians at the 2010 Olympic and Paralympic Winter Games this year.

In February, Dr. Krabak traveled to Whistler for the Olympic Winter Games. Dr. Krabak was stationed at Whistler's Athlete Village Medical Clinic, the primary medical station for athletes competing at Whistler. He treated Nordic and Alpine skiers, bobsledders and other mountain competitors. This was Dr. Krabak's third Olympic games—he was at Athens in 2004 and Salt Lake in 2002.

In March, Dr. Hager volunteered his time at the 2010 Vancouver Paralympic Games. Dr. Hager provided sports medicine coverage at the Paralympic Polyclinic and treated all varieties of sports related injuries.

Being physicians for the Olympic and Paralympic Games provided both Drs. Krabak and Hager a unique opportunity to not only treat elite athletes in a competitive setting, but to compare and contrast treatment approaches with physicians from all over the world as well.

Dr. Krabak and Dr. Hager both work at [UW Medicine Sports and Spine Physicians at UWMC](#) (Roosevelt) and treat patients, athletes and non-athletes, with musculoskeletal issues. Their international training has added to their expertise.



Dr. Hager

Latin American: Traumatic Brain Injury (TBI) Research Collaboration



Sureyya Dikmen, PhD, Professor, is collaborating with a group of researchers from the UW as well as a group from several countries in Latin America to conduct two studies aimed at improving outcomes from traumatic brain injuries (TBI's). This group of researchers, led by Dr. Randall Chesnut, professor, Department of Neurological Surgery, has worked together on a number of prior studies in Latin America with the focus being on both scientific investigations in the area of TBI and research capacity building in Latin America.

One of the current studies is a randomized clinical trial examining the question of whether or not information provided by intracranial pressure (ICP) monitoring to direct treatment of patients with severe TBI improves medical practice and patient outcomes in a developing country. This study is being conducted in four hospitals in Bolivia and one in Ecuador. Dr. Dikmen oversees the outcome assessments. This five year study is in its third year and is being funded by the National Institute of Health (NIH). Dr. Chesnut is the Principal Investigator (PI).

The second study is a rehabilitation clinical trial to improve outcomes in pediatric TBI. Rehabilitation services are rare in Latin America. This study, which will take place in hospitals in Bolivia, Ecuador, and Argentina, will examine the effect of a family provided home care intervention on functional outcomes of pediatric patients who sustain moderate to severe TBI. This 5 year study is also funded by NIH and is in its first year. Dr. Nancy Carney of OHSU is the PI.

UWTV SERIES: MULTIPLE SCLEROSIS FROM A TO Z



The University of Washington's Multiple Sclerosis Rehabilitation Research and Training Center (MSRRTC), in partnership with the National Multiple Sclerosis Society (NMSS), presents a monthly 9 part series called "[Multiple Sclerosis from A-Z](#)." UW researchers, as well as nationally and internationally renowned experts in the field, explore MS from its history, to pain management, to employment. Each hour-long program will air on UWTV (<http://uwtv.org>) and the Research Channel (www.researchchannel.org) the first Tuesday of the month. The next episode will air May 4, at 8 PM PST. For more information and to view a complete list of the upcoming series, please visit the MSRRTC website at: <http://msrrtc.washington.edu>

FACULTY AWARDS AND HONORS

Mark Jensen, PhD appointed Editor-in-Chief of *The Journal of Pain*



Mark Jensen, PhD, Professor, has been appointed as Editor-in-Chief of [The Journal of Pain](#), the official journal of the [American Pain Society](#) (APS). *The Journal of Pain*, which debuted in 2000, is a monthly publication that publishes original articles related to all aspects of pain, including clinical and basic research, patient care, education, and health policy.

Terry Massagli, MD appointed as chair of ABPMR

As of August 1, 2010, **Terry Massagli, MD**, Professor and Physical Medicine & Rehabilitation (PM&R) Residency Training Program Director, will be the new chair of the American Board of PM&R (ABPMR). The functions of the ABPMR board include: establish requirements for certification and maintaining certification; assist in improving the quality of training; create examinations; and set standards for PM&R board certification. ABPMR is one of the 24 certifying boards of the American Board of Medical Specialties. The ABPMR is an independent, non-profit organization, receives no public funds and does not issue licenses.



Tom McNally, MD new Chronic Care Clerkship Director



Tom McNalley, MD, (Acting) Assistant Professor, is the new Chronic Care Clerkship Director. Dr. McNalley entered medicine after a successful career in teaching. He is skilled in educational theory and practice and is naturally suited to this position. Dr. McNalley has inherited this position from Ross Hays, MD, Professor, who after more than 20 years as the Clerkship Director, has stepped down from this role in order to concentrate on his busy and growing clinical and research program in Pediatric Palliative Care at Seattle Children's Hospital (SCH). Dr. Hays will remain a valuable part of the Chronic Care and Rehab faculty preceptor team.

WELCOME NEW FACULTY



Please welcome **Joseph B. Webster, MD** to the Rehabilitation Medicine faculty. Dr. Webster is based at the VA Puget Sound Health Care System. His expertise is in amputee rehabilitation and his research interests are in the areas of amputation and post-graduate education. Dr. Webster attended medical school at University of North Carolina, Chapel Hill and completed his PM&R residency training at the UW.

You may welcome Dr. Webster at: joseph.webster@va.gov

ACCOLADES



Kevin Olson PT, OCS, physical therapist at Harborview Medical Center (HMC), has been awarded the Physical Therapy Association of Washington's (PTWA) Award for Clinical Excellence. This award is presented annually to one therapist in the state to acknowledge an individual who has made outstanding and enduring contributions to the clinical practice of physical therapy.



Neil Shiosaki, PT, physical therapist at HMC, will be given the Distinguished Service Award by the PTWA at the Spring Conference in April. The recipient of this award is acknowledged for their continued service to the association and the profession as a whole and is given to an individual who has demonstrated significant contributions over time that has collectively supported the Association.



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UW Department of Rehabilitation Medicine Banner Image by: Janet Schukar

UPCOMING EVENTS:

May 13, 2010: JFL Symposium - "Neural Plasticity in Rehabilitation"



The 2010 Justus F. Lehmann Symposium will focus on neural plasticity and its emerging role and importance in rehabilitation. We are fortunate to have an outstanding group of speakers, who will share their work and knowledge on a number of topics in the area, including the promotion of neural plasticity in rehabilitation, neural engineering, neural plasticity and pain, and muscle reinnervation. This year's keynote speaker, Dr. Jeffrey Kleim of the University of Florida College of Medicine, is a leading expert in the field of neural plasticity and will introduce the basic science of neural plasticity and discuss its relevance in rehabilitation. The symposium will take place on Thursday, May 13th at the Center for Urban Horticulture.

July 6—11, 2010: 2nd Annual Traumatic Brain Injury Artist Showcase

The UW Traumatic Brain Injury Model System (UW TBIMS) and the Brain Injury Association of Washington are hosting the 2nd Annual Traumatic Brain Injury Artist Showcase, *Recreating Me: Exploring & Healing through Creative Expression*, July 6th through July 11th, 2010 at the [Burke Museum of Natural History and Culture](http://www.burkemuseum.org) Seattle, Washington. The art show will include visual, musical, written and spoken creations from brain injury survivors.



Composition #3 by Hilary Bassett-Ross

The 2009 TBI Artist Showcase was a tremendous success. Brian Donohue, Senior writer, UW Medicine News, Community Relations and Marketing, recently completed a video of last year's event. The video "What Art Can Mean for Patients with Traumatic Brain Injury," features Dr. Kathleen Bell, Professor and Director of the Neuro Rehabilitation Program, as well as four artists from last year's show: Brett Hart, Stacy Rosevear, Carol Wessburg, and Michael Carlos. Please take a few moments to watch the video:
http://www.youtube.com/watch?v=HD-SSJ0F_Fw

For more information about the TBI Artist Showcase, please visit the UW TBIMS Website:
<http://depts.washington.edu/uwtbi/Education/artshow.htm>