

Letter from the Chair



Dear Friends:

Spring has come, and PTRS is blooming! We have a total of 187 students currently enrolled in our programs (180 DPT, 2 DScPT, 5 PhD). We welcomed a new post-doctoral fellow and staff member to the department. Our new DPT/PhD joint degree program has begun, and our new strategic plan is being implemented.

Our research enterprise is continuing to grow as well (see Research Highlights on page 2). Post-doctoral fellow Vicky Gray joined us in January on the National Institute for Disability and Rehabilitation

Research (NIDRR)-funded training grant received by Mark Rogers, PT, PhD, PTRS' Vice Chair for Research. Recruitment is in progress for the new joint DPT/PhD degree program, designed to provide an avenue for those interested in combining clinical physical therapy training with research. Our faculty have established exciting collaborations here on campus, including working with the team who performed the most-extensive full-face transplant to date at the University of Maryland Medical Center last year (more on that in our Fall issue of *Proficio*). We invite you to join us on May 13, 2013 for our annual Research Day to learn more about our research pursuits. All the details are in the Calendar section on the back page.

We are delighted that Alexandria Ganzermiller joined us in February as Director of Alumni Relations and Development! She is looking forward to meeting all of you in the near future. Speaking of alumni, it is time once again to solicit your nominations for our 2013 Alumnus of the Year! Please see page 5 for details and the nomination form.

Faculty, staff, volunteers, alumni, and friends are what make it possible for PTRS to provide excellent education and research. We continue to be grateful for the highly qualified associated faculty who support the DPT curriculum. If you are interested in contributing your knowledge and skills, please contact us.

In an effort to increase communications with our students, faculty, alumni, friends, and clinical sites, we have added some additional social media platforms for PTRS.

Please join, follow, and like our pages and become a member of our online communities.

Twitter: <http://twitter.com/UMSOMPTRS>

Facebook: www.facebook.com/UMD.SOM.PTRS

LinkedIn: <http://linkd.in/WXVofM>

Warm regards,

Mary M. Rodgers, PT, PhD, FAPTA

George R. Hepburn Dynasplint Professor and Chair

Dual Degree DPT/PhD Program Approved

Summary

The rationale for expanding the existing Doctor of Philosophy (PhD) in Physical Rehabilitation Science (PRS) to include an option for a Dual Clinical Doctorate in Physical Therapy (DPT) and a Doctor of Philosophy Degree in PRS is based on the American Physical Therapy Association (APTA) mandate to train well-qualified teaching faculty; the Department of Physical Therapy and Rehabilitation Science (PTRS) mission, vision, and strategic plan; and the direction from University of Maryland Baltimore (UMB) campus programs to provide dual academic opportunities for their students. The PTRS dual program combines the strengths of the existing DPT and PhD curriculums into a unique hybrid model. It will feature successive completion of the DPT program, then the PhD program, and will become one of only six such dual-degree programs in the US. Students in the program must satisfy all requirements for each degree to meet the requirements of the dual program.

Mission and Purpose of Program

The mission of this program is to train outstanding scholarly faculty who will be prepared to teach in physical therapy academic programs (particularly our own) and to engage in important research that enhances the profession of physical therapy. Attracting a small, elite cadre of exceptionally talented and high-caliber students, we plan to distinguish our program from others through the design of the program and the contributions of intelligent and creative students who will enhance our ongoing and future research initiatives.

Why Here? Why Now?

Based on the existing PTRS Strategic Plan (2008-2011) and "We Wills," (FY 2011 and 2012), the creation and implementation of a Dual DPT/PhD is a priority objective in the category of "PhD/Post-Doctoral Fellow Education" Objectives. The reasons for a Dual DPT/PhD program versus two separate doctoral programs include the following:

1. Integrating the two curriculums over the course of the entire educational curriculum reinforces didactic content from the entry program with application in the research laboratory, leading to potentially meaningful translational research questions and potential PhD dissertation topics.
2. Equivalences for up to 18 credits of DPT curriculum to satisfy requirements in the PhD program will shorten the period of PhD training without compromising the quality of either program.

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Dual Degree DPT/PhD Program Approved

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3. Building momentum from both mentorship and scholarship through a continuous DPT/PhD program helps to ensure completion of both degrees within a reasonable period of time and shorter than if executed separately.

4. Based on the history and educational prowess of the PTRS educational programs, we have a strong base of knowledge, experience, and support to create an outstanding and very appealing alternative educational program for selected students.

As a part of the University of Maryland (UM) School of Medicine (SOM), with its robust scholarly accomplishments; the current record of dual degree programs within the SOM and other UMB professional schools; and the strong research agenda of PTRS, the faculty feels compelled to move into providing opportunities for doctoral-prepared future physical therapy faculty. With relatively few Dual

DPT/PhD programs throughout the country, this program will have a unique research focus, curricular plan, and appeal to potential applicants. As of August 2011, there were five official dual-degree or Dual DPT/PhD programs in the US.

Measures of satisfactory completion of the doctoral research include the following: an approved research proposal (advisor and committee); an approved research dissertation project (advisor and committee); submission of three manuscripts for publication (recommended minimum); successful defense of dissertation; and all other UM Graduate School requirements particular to this aspect of the PhD curriculum.

The dual program will be directed by the PhD Program Director, Mark Rogers, PT, PhD, in consultation with the DPT Program Director, Susan Baker, PT, DSc. They will be assisted by PTRS administrative staff responsible for the admissions and enrollment processes for both the PhD and DPT programs.

RESEARCH PRESENTATIONS

Our faculty and students were well-represented at many important industry meetings this past fall and winter.

Society for Neuroscience (SFN), New Orleans, LA, October 13 – 17, 2012.

Presentations included:

- R. A. Creath, M. Prettyman, M. Inacio, J. Morgia, L. Shulman, M. Hilliard, K. Martinez, C. D. Mackinnon, M.L. Mille, T. Simuni, J. Zhang, M.W. Rogers. "Training-related changes in propulsion forces during step initiation in persons with Parkinson's disease."
- J.C. Rietschel, R.N. Goodman, C.G. McDonald, M.W. Miller, L. Jones-Lush, G.F. Wittenberg, B.D. Hatfield. "Psychophysiological investigation of attentional processes during motor skill learning."
- S. McCombe Waller, A. Gaeta, C. Yang, M. Rogers. "Task-oriented arm training in standing improves both anticipatory postural control and upper extremity functional outcomes in stroke patients."
- K.P. Westlake, J.P. Greenberg, Y.F. Yen, D. Good, G. Wittenberg. "Characterizing the dynamics of brain plasticity in relation to motor recovery from an early acute to chronic stage after stroke."
- J. Whitall, P. Viswanathan, F.A. Kagerer. "Perception of phasing, and motor response to subliminal phase shifts"
- V. Graci, W.N. Bair, R. Creath, K. Riddle, P. Young, M. Prettyman, M. Rogers. "First trial stepping responses to waist-pull perturbations of standing balance in older individuals."
- K. Nathan, L. Forrester, R. Goodman, J.L. Contreras-Vidal. "Decoding gait kinematics from scalp EEG of stroke patients: Preliminary comparison of Wiener and Kalman decoders."

American Congress for Rehabilitation Medicine (ACRM) and the American Society for Neurorehabilitation (ASNR), October 9-13, 2012, Vancouver, BC, Canada. Presentations Included:

- L. Forrester, A. Roy, R. Macko. "Feasibility for using Ankle Robotics in the Acute Phase of Stroke: A Controlled Pilot Study" and "Cortical and biomechanical dynamics of lower extremity robotics training at different levels of motivational incentive."
- S. Kantak, W. Liao, G. Wittenberg, S. McCombe Waller. "Posture-related modulation in motor cortical excitability of proximal and distal upper extremity muscles."

- P.M. Young, J. Whitall, M.W. Rogers. "NIDRR: Leg preference associated with protective stepping responses to waist-pull perturbations of standing balance in older adults."

APTA Combined Sections Meeting, San Diego, CA, January 21 – 24, 2013.

Presentations included:

- E.A. Reicherter. "Professional practice opportunities (PPOs): Partnerships to enrich students and stakeholders during early clinical education experiences."
- A. Aristizabal, E.T. Kalil, E.A. Reicherter, H. Morgan. "The impact on functional mobility and quality of life during end-of-life care for a patient with oropharyngeal carcinoma: a case report."
- J. Whitall, S. McCombe-Waller. "Cluster analysis of upper extremity Fugl-Meyer assessment defines levels of motor impairment."
- L. B. Glickman. "Physical Therapy student perspectives on a cross-cultural immersion experience in a developing country: A case report."
- L. B. Glickman. "Measuring cross-cultural adaptability of entry-level physical therapy students from a global immersion experience: A proof-of-concept study."
- M. Rodgers. Research Funding Symposium (speaker).

Other Presentations:

- G. Alon. "Functional electrical stimulation (FES) and non-invasive electrical brain stimulation (ESB): On the road to personalized intervention in neuro-rehabilitation" at the International Functional Electrical Stimulation Society (IFESS), in Banff, Canada, from September 8-12, 2012.
- L.B. Glickman. "Measuring cross-cultural adaptability and professional core values development of entry-level student physical therapists: A proof-of-concept study," a platform presentation at the International Association for Research on Service-Learning and Community Engagement (IARSLCE) Conference, Connected Knowing, in Baltimore, MD, from September 22-23, 2012.
- E.A. Reicherter. "Sustainable service learning strategies: Outcomes in physical therapy and rehabilitation science," a poster presentation at the International Association for Research on Service Learning and Community Engagement Conference in Baltimore, MD, from September 24, 2012.
- J. Whitall. "An alternative view on neurological recovery and rehabilitation: Learning to use the arm again after stroke" at the Esther Thelen Research Symposium at the International Feldenkrais Conference in San Francisco, CA, August 2012.



APPOINTMENTS

Jeff Hawk, director, Instructional Technology, has been selected to serve on the SOM IT Affairs Advisory Committee for a term of 2-3 years.



Patricia Young, PhD, is now a reviewer for the *Archives of Physical Medicine, Rehabilitation, Gait & Posture* and the *Journal of Biomechanics*. She is also co-investigator on the VA Merit Award “Improving Autonomic Function and Balance in Diabetic Neuropathy.”



GRANTS & CONTRACTS

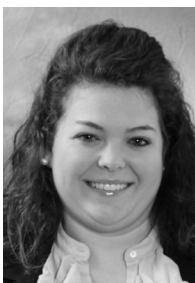
Mary Rodgers PT, PhD, FAPTA, professor and chair, received a one-year, \$30,100 contract from Dynasplint Systems, Inc. for “Physical Therapy Meta-Analysis: The Effect of Joint Contracture Management with Assistive Devices on Range of Motion.”



Mark W. Rogers, PT, PhD, FAPTA, professor, vice chair for Research, and director of the PhD Program in Physical Rehabilitation Science, was awarded a Research Supplement to Promote Diversity in Health-Related Research program grant in the amount of \$151,830 over three years in support of Ozell Sanders, a graduate student. The supplement is for Dr. Roger’s National Institute of Aging (NIA)-funded R01 “Intervention to Enhance Lateral Balance Function and Prevent Falls in Aging.”



Kelly Westlake PT, PhD, assistant professor, received a two-year National Clinical Research Program Summer 2012 Clinical Research award for \$154,000 from the American Heart Association for “Neural Substrates for the Effects of Unimanual and Bimanual Training on Motor Recovery After Stroke.”



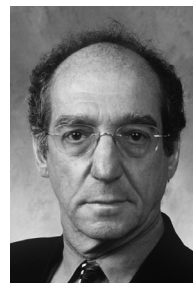
NEW HIRES

Alexandria Ganzermler, BA, joined the department in February as director of Alumni Relations and Development. She previously worked in the School of Pharmacy’s Office of Development. Alex will work in both the School of Medicine Development Office and in PTRS. She has more than five years of direct development and events experience, making her ideally suited for the alumni relations and annual giving components of the position.



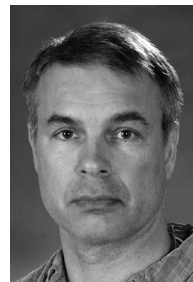
Monica Martinez, BA, joined the department in September 2012 as research coordinator. Monica brings to this position 13 years of experience in grants and contracts administration, marketing and public relations, and database and web page design. She has worked for the University of Maryland Schools of Pharmacy and Medicine and over the past two years has been working in the School of Medicine’s Center for Shock Trauma, Anesthesiology and Research (STAR) as a research coordinator.

Two new fellows have joined the National Institute on Disability and Rehabilitation Research (NIDRR) UM Advanced Neuromotor Rehabilitation Research Training (UMANRRT) program: **Masashiro (Masa) Fujimoto, PhD**, a mechanical engineer who received his PhD training in biomechanics at the University of Oregon, and **Vicki Gray, PT, PhD**.



PUBLICATIONS

Gad Alon, PT, PhD, associate professor emeritus, was a co-author on “Non-invasive electrical stimulation of the brain (ESB) modifies the resting-state network connectivity of the primary motor cortex” in *Brain Research*, 2011; 1403:37-44, and on “A murine model of neuromuscular electrical stimulation on subcutaneous squamous cell carcinoma: Potential implications for dysphagia therapy” in *Head and Neck*, 2012; 34:1428-1433 and “Safety and immediate effect of non-invasive transcranial pulsed current stimulation (tPCS) on gait and balance in Parkinson’s disease” in *Neurorehabilitation & Neural Repair*, 2012; 26:1089-1095. **Mark W. Rogers, PT, PhD, FAPTA**, professor, vice chair for Research, and director of the PhD Program in Physical Rehabilitation Science, was a contributing author on the last publication.



Rob Creath, PhD, assistant professor; **Michelle Prettyman, DPT, MS**, assistant professor; and **Mark W. Rogers, PT, PhD, FAPTA**, professor, vice chair for Research, and Director of the PhD Program in Physical Rehabilitation Science were among the co-authors on “Self-triggered assistive stimulus training improves step initiation in persons with Parkinson’s disease” in the *Journal of Neuroengineering and Rehabilitation*, 2013 Jan 30;10:11.



Connie Johnson, PT, DScPT, instructor, and **Leslie Glickman, PT, PhD** (pictured), assistant professor and director of post-professional programs, were among the co-authors on “The effect of vestibular rehabilitation on adults with bilateral vestibular hypofunction: A systematic review” in the *Journal of Vestibular Research*, 2012;22:283–298. Leslie was also among the co-authors on “Establishing and upgrading physical therapist education in developing countries:

Four case examples of service by Japan and United States PT Programs in Nigeria, Suriname, Mongolia, and Jordan” in the *Journal of Physical Therapy Education*, 2012;26(1):29-39. She and **Anne Reicherter, PT, DPT, PhD**, associate professor and director of Clinical Education; **Karen Gordes, PT, DScPT**, assistant professor; and **Ellen Wruble-Hakim, PT, DScPT**, adjunct assistant professor, were co-authors on “Creating disseminator champions for evidence-based practice in health professions education: An educational case report” in *Nurse Education Today*.

PTRS NEWS



Woei-Nan Bair, MS, postdoctoral fellow, was among the co-authors on “Development of multisensory reweighting is impaired for quiet stance control in children with developmental coordination disorder (DCD)” in *PLoS ONE*, 2012;7(7):e40932.



Doug Savin, MPT, PhD, assistant professor, and **Jill Whitall, PhD**, professor, were among the co-authors on “Post-stroke hemiparesis impairs the rate but not magnitude of adaptation of spatial and temporal locomotor features” in *Neurorehabilitation and Neural Repair*, 2013 Jan;27(1):24-34.



Larry Forrester, PhD, associate professor, was among the co-authors on “Decoding intra-limb and inter-limb kinematics during treadmill walking from scalp electroencephalographic (EEG) signals” in *IEEE Trans Neural System Rehabilitation Engineering*, 2012 Mar;20(2):212–219.

A Fond Farewell



Marlene King, executive assistant, retired for health reasons after six years with PTRS and 11 at the University of Maryland Baltimore. Her final day was January 31. The department had a farewell party for her that day, to wish Marlene much health and happiness.



ALUMNI NEWS

Congratulations to the Class of 2012! 100% of the class passed the National Physical Therapy Examination (NPTE) on the first try.

Sharon Dickmann, PT, CHT, DPT, Class of 1995, earned her DPT from Drexel University in Philadelphia in December 2012. She and her husband recently moved from Texas to Bonita Springs, FL, where Sharon is now job-hunting.



Nelson Emokpae, DPT Class of 2006, who performs under the name Nelly's Echo, was chosen as a contestant on the Fall 2012 season of *The Voice*. Both Christina Aguilera and Adam Levine turned their chairs around for him during the blind auditions. Nelson

went with Team Christina but was unfortunately eliminated before the finals.



David Grant, PT, MPT, Class of 1998, wrote in January that he and his wife, Jane, “are traveling the country in a revived 1957 travel trailer pulled by an older Toyota 4Runner! We left Baltimore on September 15, 2012, went north into New Brunswick, Canada, then into state and National Parks in Maine,

Vermont, New Hampshire and on down the Appalachians to Georgia, Florida, the Gulf, and on into Big Bend, TX. We are now spending a month or more skiing at Monarch Mt in Colorado....This trip was inspired by many of my patients, coupled with Jane's journey through chemo, radiation and surgeries for breast cancer two years ago. She celebrates everyday and bonds with folks at all stages freely to talk or support after her ordeal. We welcome and respond to all comments on our blog www.trampervoyage.com.”

Michael Hawkins, DPT, Class of 2008, has been accepted into a full-time MHA/MBA joint degree program in the Army-Baylor Program in Texas. “I was granted this training opportunity by the Washington, DC VA Medical Center,” Michael says. “I am currently in a one-year didactic program in San Antonio, TX. I will return to the Washington D.C. VA Medical center in July, where I will be an Administrative resident for one year.”

Ginsie Huntley, DPT, Class of 2011, started working at the University Medical Center of El Paso back in August. “It's the only Level 1 trauma center within about 250 miles, so I get to see a lot of wound care and trauma patients as well,” Ginsie says. “Other than that, I'm just living with my husband and two pups way out here in El Paso, TX and looking forward to coming back East when the U.S. Army allows us.”



Shari Jennings, PT, Class of 2001, celebrated her 50th birthday doing quite a bit of traveling. “I started with a trek to Mt Everest Base

Camp in Nepal, went to the French Open in Paris, explored parts of Switzerland & Germany, went whitewater rafting in the Amazon forest of Peru and saw Machu Picchu while there, then capped it all off with a spectacular trip to Antarctica,” she writes. “I actually camped out on Antarctica on the eve of my 50th birthday & woke up on my birthday with penguins and glaciers as the first things I saw. It was incredible! It is fortunate that I am a PT, because I was able to work PRN and still earn money while being able to take all this time off.”

Vanie L. Jones, PT, DPT, MS, Class of 1968, who has been a practicing PT since graduation and has been licensed in nine states, will be retiring this March. She is currently at Shands Jacksonville Medical Center in Florida, where she is Director of Rehabilitation Services. After retirement, she plans to move to Fort Pierce, FL.

Karin (Flippin) Kennedy, PT, Class of 2000, and her husband Chris welcomed their third child, Saoirse Brigid Kennedy, on May 21, 2012. She joins big brother Devin (5) and big sister Cailin (3).





Tracy Lyon, DPT, Class of 2010, and her husband Barry are proud to announce the birth of their daughter Avery Elizabeth Lyon. Tracy is currently a PT at Momentum Physical Therapy in Ft. Collins, CO.



Steve Tepper, PT, Class of 1979, ran into **Jen Zanni, DScPT, Class of 2011**, while working in Ethiopia for almost three weeks. Working at Addis Ababa University and Black Lion Medical Center, he went over in conjunction with Health Volunteers

Overseas to aid Richard Jackson of the Jackson Clinics in starting entry-level DPT and transitional-level DPT programs. With 80 million people in Ethiopia, 40 orthopedic surgeons and 200 PT's, health care was dramatically different, according to Steve. "The biggest issue was convincing patients (and therapists) that, when ill, patients need to be mobilized instead of letting them stay in bed," Steve says. "It was an eye-opening experience."

Ann Wendel, PT, ATC, CMTPT, Class of 1998, received her CMTPT through Myopain Seminars in 2011 and now utilizes Trigger Point Dry Needling as a treatment modality. In October 2011 she returned to private practice, re-opening Prana Physical Therapy, a 100% cash-based practice (Prana-PT.com). In May 2012, Ann joined the Consulting Team of Whole 9 Life, expanding her practice to offer Wellness and Lifestyle consultations. In November 2012, Ann expanded Prana Physical Therapy to a second location in Old Town, Alexandria, VA. She is also a published author and maintains an active presence in social media. In October 2012, she participated in a video panel discussion with APTA on the use of Social Media in Physical Therapy, available for viewing at <https://www.apta.org/SocialMedia/Roundtable/>.



Dat Quach, DPT Class of 2012, and his wife Breanne were married in October, 2012. Dat is now a PT at Mercy's Outpatient Therapy Clinic.



N O M I N A T I O N F O R M

Department of Physical Therapy and Rehabilitation Science
Alumni of the Year
Deadline for Nominations is May 3, 2013

The Alumni of the Year is awarded to an individual who is a graduate of the University Of Maryland School Of Medicine's physical therapy program, to recognize outstanding achievements in the physical therapy profession. The award is based on contributions/achievements in the areas of academics, administration, clinical practice, research, community service, professional associations, and involvement in the Department of Physical Therapy and Rehabilitation Science.

Candidates need not excel in every area, and self nominations are welcome. (Optional - please provide a copy of the nominee's CV or resume to assist the committee during this process.)

Thank you for helping us recognize our outstanding alumni!!

Nominee: _____

Graduation Year: _____

Nominator: _____

This form can either be submitted electronically, by email, by US postal mail, or dropped off at the Department.

- **Electronically** - go to our webpage at: <http://pt.umaryland.edu>. The link is under PTRS Alumni/Alumni of the Year.
- **Email** - send to Terry Heron at theron@som.umaryland.edu.
- **US Mail** - mark to the attention of Terry Heron at University of Maryland School of Medicine, Department of Physical Therapy and Rehabilitation Science, 100 Penn Street, Room 115-C, Baltimore, Maryland, 21201.
- **On-Campus Dropoff** to Department at room 115-C in the Allied Health Building, located at 100 Penn St.

Please provide brief comments in the appropriate categories indicating the reasons for the nomination.

Academics: _____

Administration: _____

Clinical Practice: _____

Research: _____

Community Service: _____

Professional Associations: _____

Awards/Recognitions: _____

Involvement in the Department of Physical Therapy and Rehabilitation Medicine: _____

Additional comments: _____



Team International King CRABS, comprised mostly of first- and second-year students – and led by **Vincent Conroy, PT, DScPT**, assistant professor – raised nearly \$12,000 in a Swim Across America

event on September 23, 2012. Team members swam one or three miles in the waters off of Gibson Island, with the money going to support patient resources at the Johns Hopkins Kimmel Cancer Center. This year the team had 27 members, all of whom completed their swims.

Samantha DuFlo, Class of 2014, was accepted into the President's Student Leadership Institute for 2013. The President's Student Leadership Institute (PSLI) is a self-driven certificate program focused on exposing UMB student leaders (or aspiring student leaders) to contemporary issues in leadership in order to prepare participants for professional leadership in a diverse and global society. PSLI aims to bring together students at different levels of leadership development from various schools on campus to learn and/or enhance skills necessary for leadership on- and off-campus.

On January 1, the Foundation for Physical Therapy launched *Log 'N Blog for PT Research*, a new effort that enables students, faculty, and members of the community to collectively raise funds for physical therapy research while promoting healthy lifestyles! Built around the concept of training for a triathlon, physical therapy programs form teams, and team members record on the Log 'N Blog website the number of miles they each swim, bike, and run. The hope is that this innovative program will introduce larger numbers of PT/PTA programs, students, faculty, patients, friends, and families to the Foundation and create greater awareness of the important role physical therapy research plays in health care. **Nicole Morici**, fundraising chairperson for the class of 2015, has been approved by the Foundation to lead the PTRS effort. "A friend of mine from another PT school in New York told me about the event, so I thought it would be a nice idea for UMB to make a team and participate," says Nicole. "I think this is a really great opportunity to raise money for a worthwhile cause, encourage ongoing physical activity throughout the year, and also to have a little friendly competition with other schools. Since we are one of the Top-20 ranked PT schools in the nation, I think it would be very impressive if we could also be one of the Top-20 fundraising or mile-logging teams, and show one of the reasons why we are such a fantastic school." The competition started January 22 and will go until December 31.



Kevin Quail gathered together fellow students **Ashley Romm, Tony Kuhl, Kristin Barron, Kate Daly, Brendan Glackin, Kelley Hardgrove, Kathryn Pall, and April Vesely** to represent PTRS at

the Polar Bear Plunge on January 26. The team raised more than \$1,500 to benefit The Special Olympics.



Camille Reuter, Class of 2013, and **Leslie Glickman, PT, PhD**, assistant professor, director of post-professional programs and executive director of External Affairs for PTRS,

welcomed nursing administrators and educators visiting from Suriname to share experiences from their work with the Physical Therapy Program in that country (above left). The conversation centered on similarities and differences between the Suriname PT Program and the training of students in the US, partnership opportunities, and suggestions for sharing collaborative resources. Later in the year, Camille and **Samantha Sadtler** (above right), also from the Class of 2013, went with Dr. Glickman to Suriname, where they had the chance to teach in the classroom, do PT interventions in the clinic, and to enjoy the beauty of the country, people and local food. This was Camille's second internship in Suriname and Samantha's first.



Katherine van den Heuvel, SPT, Class of 2014, joined the cast of the annual Hack and Slash Christmas Special. She was in the chorus and danced to two songs, "It Don't Mean A Thing If It Ain't Got That Swing" and "Boogie Woogie Santa."

Anyone who goes to the Maryland Renaissance Festival will recognize Hack and Slash, but for those of you who you don't know, the group performs all over the country and internationally, with the mission of bringing outstanding swashbuckling action and fresh, edgy comedy to live theatre audiences all over the world.

MDA is looking for students to volunteer at their summer camp in Leonardtown, MD, from June 16-22. Volunteers will work as individual counselors for children with a neuromuscular disease. Visit <http://mda.org/summer-camp/> volunteer for more information.

DPT CLASS OFFICERS 2013

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Amber Kline

Vice President
John Grossman

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Audrey Dittman

Secretary
Kathryn Pall

Treasurer
Sim Mellinger

Admissions and Student Affairs
Eileen Conner

APTA Representative
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Athletic Coordinators
Cathy Tran
Daniel McCarthy

Social Coordinators
Kelly Hardgrove
Kristie Barron

Yearbook Representative
Jenny White

Community Service Representatives
Tyiesha Brown
Kaitlyn Wille
Karen Fletcher

Fundraising Coordinators
Nicole Morici
Tyiesha Brown
Tina Scharpman
Kelly Hardgrove

Graduation Coordinators
April Vesely
Kelly Hardgrove

PTRS

The Department of Physical Therapy and Rehabilitation Science (PTRS) at the University of Maryland School of Medicine (UMSOM) in Baltimore, MD, offers a comprehensive educational program for physical therapists and rehabilitation scientists. Our department, housed within the oldest public medical school in the United States, has more than 55 years of rich history and exceptional alumni. Our two educational tracks consist of a professional degree program leading to a Doctor of Physical Therapy (DPT) and a research-focused degree program leading to a PhD in Physical Rehabilitation Science. While PTRS has one of the oldest physical therapy education programs in the United States, our cutting-edge research and innovative education approaches make it very much a program of tomorrow.

Our Mission

To advocate for and advance societal health by optimizing wellness and human performance through excellence in education, research, clinical practice, and service.

Our Vision

By integrating education, research, clinical practice, and service PTRS excels in:

- Graduating culturally competent professionals capable of delivering excellent client-centered clinical care through critical thinking, evidence-based practice and lifelong learning.
- Providing new knowledge and evidence that enhances rehabilitation science and supports clinical practice through expertise, innovation, technology and science.
- Guiding and promoting the physical therapy profession and rehabilitation science through engagement with scientific and professional organizations as well as local, national, and international communities.

Here are the Important Facts

- We are a CAPTE- accredited physical therapy program since 1956.
- We train the majority of physical therapists practicing in Maryland today.
- We are ranked in the top 10% of all physical therapy educational programs in the United States.
- Our graduates consistently have a pass rate on the licensing exam that is well above the national mean. (100% first-time pass for class of 2012)

- We have 100% core faculty with doctoral degrees.
- Since 1958, we have graduated 2,387 students from the following programs: BS in PT, MS in PT, Doctor of PT, transitional Doctor of PT, Doctor of Science in PT, and PhD in Physical Rehabilitation Science.
- We have two endowed professorships to enhance our Department mission.
- Our NIDRR-funded post-doctoral fellowship program increases research capacity in neuromotor rehabilitation research for clinical populations with neuromotor disorders by preparing fellows for high-level research careers and fostering development of new interdisciplinary approaches to enhance their research opportunities.

What Makes Us Unique

- We are one of only five physical therapy programs in the country that are departments within a School of Medicine.
- We function as a “School” within a School, in that our admissions, student affairs, information technology support, and alumni groups are supported within the department.
- We were one of the first programs in the country to offer the Doctor of Physical Therapy degree – now 95% of programs offer the DPT.
- We were one of the first programs in the United States to offer the transitional Doctor of Physical Therapy degree and the Doctor of Science in Physical Therapy degree for post professionals.
- Our unique hybrid block curriculum includes human dissection & gross anatomy; didactic and psychomotor learning, as well as clinical practice.
- We highlight learning content with state-of-the-art physical therapy and related equipment, including an acute care laboratory.
- We have a Service Learning Center that provides pro bono physical therapy to individuals without health insurance and a learning experience for our students.
- We collaborate on interdisciplinary research with faculty members across numerous disciplines, both at the UMSOM and at the University of Maryland Medical Center.
- Our research in Neuromotor Control and Rehabilitation (novel robotic interventions to enhance posture and gait in Parkinson’s Disease & Stroke) is federally funded.

Make a gift, Make a difference!

The UMSOM Department of Physical Therapy and Rehabilitation Science needs your support. We count on you, our alumni, each year to build scholarship funds, expand academic programs, upgrade technology, provide student activities and offer free continuing education programs. If you have not yet made your PTRS Annual Fund gift for this academic year, please do so by June 30, 2013. Every gift, large or small, is greatly appreciated and helps to strengthen the reputation for which the Department of PTRS and our alumni have been known for nearly 60 years.

We also invite you to support PTRS into the future through a gift to the PTRS Strategic Endowment for the Future. This fund is to provide income to PTRS and bridge any unforeseen financial gaps, ensuring that our tradition of excellence will continue no matter what the economic climate. All contributions to this Fund will be endowed, providing annual support to the Department in perpetuity.

To Give Now...

Please go to www.fundformedicine.org or contact Alex Ganzermiller at 410-706-5742 or aganzermiller@som.umaryland.edu to make a difference with your gift today. Your financial support of both the PTRS Annual Fund and the PTRS Strategic Endowment for the Future is truly appreciated.

Alex can also share information about becoming a member of The 1956 Society or making a tax-wise planned gift.



Call Me, Maybe?

Our annual phone-a-thon will take place from March 19-21, 2013. Current students will be giving you, our alumni, a call to personally ask for your financial help in improving their educational experiences here. Please answer their call and be a part of the future of physical therapy at the University of Maryland School of Medicine.



UNIVERSITY of MARYLAND
SCHOOL OF MEDICINE

Department of Physical Therapy
and Rehabilitation Science
100 Penn Street
Baltimore, MD 21201

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Archived copies of this newsletter and *Proficio* magazine are available in PDF format at www.pt.umaryland.edu

Calendar of Events

Saturday, March 16, 2013
Admissions Open House

10:00 am - 12:00 noon
100 Penn Street, Baltimore, MD 21201

March 19-21, 2013
Phone-a-Thon

5:00 - 9:00 pm
Current students will be calling alumni to ask for financial support.

Friday, May 3, 2013
Pinning Ceremony

3:00 - 5:00 pm
Davidge Hall
522 W. Lombard Street, Baltimore, MD
Pinning celebrates the approaching completion of the first year of the DPT program, and advancement onto the clinical portion of the curriculum. Students are "pinned" by the faculty. This gesture is symbolic of the student-teacher relationship that will eventually transition to that of colleague-to-colleague. Each student creates a PowerPoint slide that reflects the significance this ceremony holds for of him/her. As the students are pinned, the slides will be projected. Name badges, lab coats and department pins are given to students at the ceremony. Family and friends are invited to attend. Refreshments will be served in the SMC Campus Center following the ceremony.

Friday, April 26, 2013
Accepted Students Day

10:00 am
100 Penn Street, Baltimore, MD 21201
Come meet the next DPT class! All are welcome.

Monday, May 13, 2013
Research Day

1:00 pm
SMC Campus Center, room 208
621 W. Lombard Street
See all of the important research being done in the department! Our keynote speaker will be Michael J. Mueller, PT, PhD, FAPTA, Professor of Physical Therapy & Radiology and Division Director of Research in Physical Therapy, Washington University School of Medicine in St. Louis, MO. Dr. Mueller is a well-known colleague and research scientist in physical therapy whose work in the application of the Physical Stress Theory to various clinical populations, but particularly to patients with diabetes and peripheral neuropathy for the prevention and/or treatment of plantar ulcers, has provided major contributions to the field.

Thursday, May 16, 2013
PTRS Pre-Commencement and Awards Ceremony

2:30 pm
School of Nursing Auditorium.
Tickets are required. DPT and PhD

graduates will both be honored at the ceremony.

Friday, May 17, 2013
UMB Graduation

2:00 pm - 4:00 pm
First Mariner Arena
This is the formal graduation ceremony for the University. Faculty are asked to arrive by 1:00pm to line up for the procession.

June 26-29, 2013
APTA Annual Conference: PT 2013

Salt Lake City, UT
Visit <http://www.apta.org/Conference/> for more information.

Tuesday, October 2, 2013
Career Day

12-1:30 pm
Contact Deidra Stevens, Coordinator of Clinical Education, for details: DJStevens@som.umaryland.edu

Tuesday, October 2, 2013
Alumni Reception and Florence Kendall FREE Continuing Education Course

Southern Management Corporation
Campus Center
621 W. Lombard St. Baltimore, MD 21201
Alumni Reception will be from 4:30-6:00 pm, honoring the 2013 Alumnus of the Year (Honoree TBA).

Special acknowledgement will be given to our graduates from the class years 1963, 1973, 1983, 1993 and 2003.

The Florence Kendall FREE Continuing Education Course will be from 6:00-9:15 pm. Topic and presenter TBA.

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