Dear Alums and Friends,

Our Program along the Mississippi, always among the most beautiful in the country, now balances its nearly 67 year history with the kinds of modern facilities and technology necessary to educate physical therapists in the 21st Century. Despite the effects of the recession, our scholarship support has made great strides in recent years with a total of eight scholarships and fellowships. Our alumnae fund continues to grow with more people understanding the importance of steady and sustained giving. And the celebration of Dr. Carey in December 2011 for his 17+ years of leadership as Program director invigorated the engagement of our alumnae, faculty, and students.

Thanks to sustained growth, we have been able to recruit a talented faculty bringing 21st Century fields of physical therapy to our classrooms. Our new colleagues join with our current faculty in the pursuant and realization of excellence that has long been a hallmark of the U of M PT education. Outside funding for faculty research has increased in the last years – with grant revenues from foundations and government-sponsored research resulting in 58 presentations and publications over the past year. Significantly, academic space for the education of our physical therapy students invigorates our culture in the Children’s Rehabilitation Center.

Because of our strong academic reputation (#19 of 189, report of U.S. News in 2012), we attract an academically gifted group of students from across the country. Our students display a commitment to the profession of physical therapy, academics, and research as well as a passion for civic engagement, global involvement and inclusive excellence. This past year five students participated in global experiences. A total of 114 students worked at and/or participated in the Phillips Neighborhood Clinic, Diabetic Foot Clinic, APTA’s National Student Conclave, APTA’s Combined Sections Meeting as well as APTA’s local chapter conferences. After graduation, they go on to bright and promising careers in every imaginable practice of physical therapy. They are successful and achieving prestigious accolades that reflects the quality of a U of M education and the reputation the U of M now enjoy. Our students are also securing admission to various clinical residency programs across the country.

It’s not surprising, then, that our enrollment continues to be impressive. This year’s entering class is among our most accomplished. From five states, the Class of 2015 brings strong academic preparation and credentials combined with leadership roles as athletes, class officers, community service leaders, and student government representatives.

As I look to the future, I do so with conviction that the U of M PT Program is headed in the right direction. Our success and confidence, though, should not indicate a pause in our efforts for excellence. We are far too ambitious in our drive for excellence and far too committed to the values that underpin the U of M PT Program to lessen our stride.

As we work to strengthen the U of M PT Program, we are aware of the sobering realities we face in the coming decades that will require our collective determination. Recent reports have highlighted tuition costs and debt loads some recent graduates must shoulder. The issue has become a touch point in discussions of the economy as the faculty weighs the obvious and substantial benefits of physical therapy education with its cost. The faculty understands well that the kind of education we offer at the U of M – one that supports a strong faculty of expertise (clinical and research) and that is full of the kinds of curricular and co-curricular opportunities that allow our physical therapy students to learn and achieve strong entry level skills – can be prohibitive. I am deeply humbled by the generosity, confidence, and good will that have allowed the U of M PT Program to progress and to seek innovation. As alumnae and friends, you have made a difference in the lives of our students and faculty, and in so doing, have propelled the U of M to a new level of excellence.

With the close of 2012 come new opportunities to propel us forward and enhance the U of M standing among the finest physical therapy programs in the nation. Already, we have identified and are taking action on our next set of priorities for 2013.

Sincerely,

LaDora Thompson
The DPT Program officially welcomed the Class of 2015 this past summer during the annual Program picnic. The University of Minnesota’s DPT Program continues to attract the highest caliber of students. This year there were over 200 applications for the Program’s 50 spots. Our new students have an average GPA of 3.71 and an average of 285 PT volunteer hours. Eighty-four percent of our students are from Minnesota, sixteen of those students are alumni of the University of Minnesota. We are delighted our new students chose the University of Minnesota’s DPT Program. They bring with them a variety of life experiences that helps to enrich the learning experience. Our students love the outdoors, music, travel, and many of them are high school and/or college athletes. In keeping with tradition, Program faculty and students engaged in an awesome game of volleyball. We spectators noted that the first year students are quite competitive! Welcome Class of 2015!
Congratulations Class of 2012

The University of Minnesota Program in Physical Therapy congratulates the DPT Class of 2012 who graduated on Saturday, June 16, 2012. The commencement ceremony was held at the Ted Mann Concert Hall. The keynote speaker was Dr. James Carey. Dr. Ward Glasoe presented as faculty speaker, and Kristin Kuehl, Class of 2012 presented as student speaker. University of Minnesota Regent David Larson, Vice Chair, conferred the degrees.

Geriatric Clinical Residency

David Gillette, PT, DPT, recently graduated from our Geriatric Clinical Residency in August. David came to us from Seattle, as the second resident in our program. David has now accepted a full-time position at St. Therese in New Hope. We congratulate David on this significant achievement, and we wish him well! David’s wife, Maureen, is also a physical therapist, and we welcome her into the physical therapy community in Minnesota as well.

The Geriatric Residency expanded to two residents and two clinical sites in September, as we began the third year of the residency program. Megan Connelly, PT, DPT, a new graduate from the University of Scranton in Pennsylvania is at Augustana in Minneapolis, and Emily Pierce, PT, DPT, a new graduate from the University of Kansas is at the new clinical site at St. Therese in New Hope. We welcome Megan and Emily and look forward to an exciting year together.

Alison Kubat (Class of 2012), currently a clinical resident in the Fairview Orthopedic Clinical Residency. As part of her residency requirements, Alison spent some time teaching in our Musculoskeletal course this fall.
Hello! I am the “new” faculty member here at the U of M in the Program in Physical Therapy. Having moved here from Seattle where bike commuting is common, I will be honest that I was a bit leery about the fate of my daily bike commute. What a wonderful surprise to have learned of the bike-friendly community which is the Twin Cities, ranking high on the lists of many bike-surveys (sometimes #1!), that it is a top female-rider city, and that the University of Minnesota has a very active biking program with benefits!

Through the U of M Bike Center and the on-campus bike shop “The Hub Co-Op” bikers can obtain a free monitor that logs in rides each day a biker rides by a sensor. These monitors then log number of rides, and students receive monthly incentives such as bike accessories, food co-op vouchers, or even restaurant vouchers. Faculty and staff receive incentives for discounts on insurance premiums.

This past summer, PT and OT students and faculty competed in the “Summer Bike Challenge” from May–August. Students competed for the top three riders in each class. Winners received coupons for the Bike Co-Op and a loaf of my household-famous banana bread. It was a fun way to keep active, achieve goals and support each other in an alternative commuting style. “Team Rehabilitation” is now underway for the academic year and we are competing for the “Golden Bike Rack Award” with the most riders/rides among 26 other U of M departments. We have inservices on winter riding techniques and safety. Bring on the snow!

~Dr. Bernadette Gillick

Helpful links for cycling in the Twin Cities:


http://www1.umn.edu/pts/bike/bikecenter.html


http://cyclopath.org/
Annual Holiday Party

The Annual Student Holiday Party was held at DiGidio’s Restaurant in St. Paul on December 6. Each year the second year students help program staff organize this event. The highlight of this evening was the entertainment performed by the first and second year students. Always a great delight for faculty and staff!
I would like to thank the University of Minnesota’s Physical Therapy Department for their generosity in funding my attendance to the 2012 Fall MN Chapter APTA Conference. It was a great introduction to what I’m sure will be a long commitment to the APTA and the learning opportunities they provide.

Sarah Traffas, Class of 2014

MN APTA Fall Conference 2012 Reflection: Student Perspective

This fall I attended my first MN APTA conference. It was a great experience and I am excited to go to more APTA events not only in the near future, but throughout my career as a PT.

I attended three lectures over the course of the day. The first was on lower extremity functional testing and knowing when to return an athlete to their sport. I think that this fall was a great time for me to take this course, as I had just completed the lower extremity section in my musculoskeletal class. It was interesting to take the information I already knew and apply it to a new type of patient. It was also fun to try the functional tests and see the equipment that the speakers had devised.

The second course I took was on caring for children with neuromuscular disease. Because I intend to work in pediatrics after graduation, I found this to be the most interesting lecture of the day. I really enjoyed learning about the progression of muscular dystrophy. The videos that the speaker showed provided an important opportunity to visually assess children of various ages and levels of disease progression. The lecture further stimulated my interest in pediatrics and was a great introduction to the field.

Finally, I took a course on running gait. The speaker focused her lecture on the new minimalist shoes that have recently gained popularity with the running population. This course really hit home for me, as I am not only a runner myself, but I also wear Nike Frees, a somewhat-minimalist shoe that provides more flexibility and a bit less support. I learned a lot regarding ideas you could give a patient on how to alter their running form and hopefully reduce their pain.

While at the conference, I noticed posters displayed in the lobby during the exhibition hall time. I only had the chance to look briefly, but I realized what a great opportunity presenting research at an event such as this would be. The MN APTA Fall Conference provides an environment full of clinicians and researchers who are interested in new information, but the atmosphere did not seem threatening like I had imagined poster presentations to be.

My preconceived notions on conferences lead me to believe that a massive number of people would be in attendance so I was surprised by the relatively low number of people in attendance.

However, I ended up feeling like the number of professionals present was perfect. It was easy to tell that many of the attendees had built relationships with one another over years of participating in such events and working together in other realms of PT. Had there been more people at the conference I may not have felt as comfortable asking questions during the lectures or trying out some of the devices that the vendors brought with them.

I would like to thank the University of Minnesota’s Physical Therapy Department for their generosity in funding my attendance to the 2012 Fall MN Chapter APTA Conference. I found my first experience attending an APTA Conference to be a very rewarding and thought provoking experience.

The class sizes fostered open dialogues between physical therapists of varying experience levels. I found the environment to be very welcoming to students and appreciated the opportunity to ask questions. The variety of classes offered also helped spark my interest in areas I have not been exposed to previously. It was also very helpful to hear practicing physical therapists share their own challenges with treating patients and listen to them actively problem solve through collaborative feedback. In addition, I really appreciated the break between classes to be able to meet area physical therapists, engage with vendors, and learn about current research projects from student poster presentations. Most importantly, this experience helped me to see first-hand the value that the APTA conferences offer in helping me continue my education, enhance my future career as a physical therapist, and, most importantly, discover better ways to serve patients. I look forward to attending additional conferences in the future! Thank you!

Amber Andersen, Class of 2014
Interprofessionalism in the PNC

As part of a renewed focus on interprofessional learning and education, I was invited to take part in a course taught by Phillips Neighborhood Clinic (PNC) medical director Dr. Brian Sick. Given the uncertainty of healthcare reform and how it will affect health care professionals and the care of our patients, one thing is certain—intentional collaboration between disciplines is needed to increase the efficiency of our delivery of health care to improve patient outcomes and the overall health of our population. The opportunity to work closely with students from other professions and define areas of improvement within our volunteer clinic was a major motivation for me to take this class. In all, 30 PNC student volunteers representing nursing, pharmacy, medicine, public health, nutrition, social work, and physical therapy completed the course.

Before the first class session, we had a homework assignment that required us to anonymously submit stereotypes that we had about each profession that was involved in the class. When class started, Dr. Sick had us read through all of the stereotypes that were submitted as a kind of “roast” for each profession. The results were surprising: eight responses describing medical doctors included the word arrogant, pharmacists were seen as “anti social, not liking patient interaction,” social workers were “touchy feely idealists,” and physical therapists were “failed athletes.” After this, we spent the rest of the session defining roles and responsibilities of each profession and what each profession was qualified to do. What we found was very similar backgrounds and coursework preparation and that the majority of roles overlapped when it came to patient care and education. This was a very influential realization for the class and taught us that even though some of our technical skills and specialties may be different, we all have important roles to play and need to learn how to move past long-held stereotypes in order to demonstrate excellence in the care we provide. In subsequent class sessions, we learned more about approaches to teamwork, emotional intelligence, forming effective groups and organizations, and how to create effective solutions when there is a lot of disagreement. Each student was asked to complete an observation of a clinic in the area and assess how each clinic is working towards a more interprofessional environment in order to gather ideas for how we can implement interprofessional learning and a more collaborative environment in the Phillips Neighborhood Clinic. Using our ideas from the observations and the brainstorming from previous class sessions, we planned which ideas we would use during a night when the PNC was seeing patients. After forming our plan for the PNC, we had one final training session in the Interprofessional Education and Resource Center with mock patients.

Our capstone project involved our class utilizing our ideas during two separate nights in the PNC. It was satisfying to put our ideas into practice, and finding quickly which of our suggestions worked well and which ones didn’t. After the clinic experiences using our ideas, we presented our findings to the PNC Board and sought their recommendations. Currently, I am working on implementing our ideas at the PNC in my role as Interprofessional Education Coordinator. Change is difficult, especially when the healthcare we give or receive is affected. I am thankful for the experience I gained through this course on Interprofessionalism and I know it will positively impact patient care at the PNC.

Colin Rust, Class of 2014

The Diabetic Foot Clinic

The Diabetic Foot Clinic is sponsored by the Indian Health Board and run by U of M and St. Kate’s DPT students. The Indian Health Board is a non-profit clinic that provides medical care, dental care, and counseling services for the Native American community and Minneapolis’ Phillips Neighborhood. As part of this clinic, the U of M and St. Kate’s DPT students each volunteer once a month to examine the feet of persons with diabetes, the majority of whom are Native Americans. The evaluation involves taking a patient history, a physical examination, and educating the patient. In particular, the educational component includes instruction on foot care, proper footwear, ways to become more active, and exercise.

There has been an overwhelming willingness to volunteer at the clinic with a total of 27 student volunteers from the U of M DPT Class of 2014. At the clinic, student volunteers work in pairs to evaluate the patient. There is one preceptor and one geriatric clinical resident on-site to assist the students when necessary and to answer questions. Our preceptors (Jeanne Lojovich, Ward Glasoe, and Sharon Kimble) and geriatric residents (Megan Connelly and Emily Pierce) have enriched the students’ understanding of evaluations, foot pathology, and diabetes. The clinic has provided a fantastic opportunity for student volunteers to interact with patients, practice examination skills, and learn about Native American culture.

If you have any questions regarding the Diabetic Foot Clinic, please email the U of M Student Co-Coordinators, Sarah Traffas (traf0007@umn.edu) and Mary-Ann Em (emxx0001@umn.edu).
Clinical Internship: A Third Year Student Perspective

As the time drew near for our clinical internships, I was filled with a mix of feelings. There was excitement to finally be able to get out into the clinic and treat patients! I know our entire Class of 2013 had been waiting for the moment to be officially done with the “classroom” portion of our education and it was a great feeling to be so close!! We could not wait to be able to interact with patients and make an impact on their life – We knew it would be a very rewarding experience!

At the same time, there were also other emotions including fear, anxiety, stress and sometimes utter panic. As exciting as it was to be so close to the finish line, it was scary and intimidating to think we could go out there and actually treat real live patients! It seemed like yesterday when we all were in Anatomy with Dr. Carey. It felt like we were not ready to go out there quite yet. However, I truly knew it was essential to keep in mind how well known and how strong the PT Program here at the University of MN is. We have had amazing professors who have taught us so much. I knew I needed to keep in mind that we have the training, knowledge, and now we just needed to go out on our internships with an open mind and trust in the preparation we have had over the last two years. I had no doubt that each person in the Class of 2013 would have great experiences and excel beyond their expectations for the next year. I cannot wait to hear about all the stories and experiences we will share when we gather back together in June of 2013 for graduation. Here’s to the Class of 2013! We truly are a bunch of “Greenies!”

Angela Krych, Class of 2013

Desperately Seeking Phillips Neighborhood Clinic (PNC) PT Preceptors!

Interested in serving the community?

Serve the under-insured and unstably housed residents in and around the Phillips Neighborhood of Minneapolis at a nationally known, interdisciplinary student run clinic.

Work hand in hand with DPT students.

Small time commitment (one Monday or Wednesday evening every other month)

If you would like more information,

Please contact: Katie Pelto, SPT

E-mail: pelto047@umn.edu

“Just a pic of the Suffer Fest in Maine. It was difficult but someone had to do it.” David Weik, third year DPT student during his fall 2012 internship in Maine.
Three DPT students from the Class of 2012 (Alison Pagliaccetti, Jill Swenson, and Kaitlin Wagner) and four clinical/academic faculty traveled to Niger, Africa from Feb. 26 – Mar. 16, 2012. This is the fourth trip that the University of Minnesota Program in Physical Therapy has made to Niger and is part of an ongoing global outreach to 1) provide supervised international learning for our students, 2) provide physical therapy treatments to underserved people, 3) teach rehabilitation procedures to local clinicians and medical students from the Universite de Abdou Moumouni, and 4) consult with medical school faculty and government officials on establishing a school of physical therapy there managed by themselves. Students continue to remark on the richness of this unique experience for professional learning, cultural learning and self learning.

With no treadmill or parallel bars for “forced use” of ambulation/balance training, this patient with stroke is assisted by two tight close-line ropes.
DPT Student Awards 2012

The Program in Physical Therapy is pleased to be able to offer the following scholarships and fellowships through the generous donations of many outstanding Physical Therapists. The following outstanding students were honored at a banquet with donors and faculty on May 12, 2012:

The Janice Steadland Fellowship Fund (Class of 1956): This award is given to a 3rd year student for their exceptional work during their full-time Clinical Internships.

Allison Nitzkorski (2012)

Beatrice E. and Hurd Boody Scholarship (Class of 1945): This award is given to a 3rd year student who exhibits leadership and communication skills and intends to pursue a career in hospital based Physical Therapy.

Byung-Chul (John) Park (2012)

The Sharp Family Fellowship (Class of 1956): This award is given to a 2nd year student who demonstrates the potential for high professional contributions.

Matthew Moore (2013)

Rudolf Ptak Endowed Fellowship in Physical Therapy (Class of 1953): These scholarships are awarded to 1st and 2nd year students based on a high degree of merit and potential for their professional contributions.

Natalie Yarbrough (2013)
Brianna Radtke (2014)
Jennifer Oligmueller (2014)
Lauren Kratzter (2014)

Eleanor McManmon Daly Scholarship (Class of 1948): This scholarship is awarded to a 2nd year student who plans to participate in an International Clinical Internship in the upcoming year.

Kristina Henshue (2013)

Barbara Lee Graham Scholarship (Class of 1956): This award is given to a 2nd year student who demonstrates outstanding merit and future potential in the field of Physical Therapy.

Matthew Moore (2013)

Marguerite P. Gardner Fellowship (Class of 1969): This award is in memory of former faculty member “Margie” Gardner. The 1st and 2nd year recipients of this scholarship are nominated by their class members in recognition of service to their class, department, profession, and community.

Kellen Feeney (2013)
Sarah Traffas (2014)

Richard P. Di Fabio Fellowship: This fellowship is in memory of Richard P. Di Fabio who passed away in December 2011. The fellowship is awarded to 2nd and 3rd year students with financial need, for their outstanding participation in research activities, and their commitment to “evidence-based practice” within the profession of Physical Therapy.

Allison Kosir (2012)
Kris Kuehl (2012)
Jill Opsahl (2013)

2012 MN APTA Outstanding Student Award: This honor is awarded to a 3rd year student APTA member who is nominated by the faculty based on academic merit and MN APTA Chapter participation.

Alison Pagliaccetti (2012)

2012 University of Minnesota President’s Student Leadership and Service Award: This is a University wide scholarship given to students demonstrating outstanding service and leadership.

Byung-Chul (John) Park (2012)

MN APTA 2012 Student Capitol Hill Scholarship: This honor is awarded to students who submitted an essay regarding the need to advocate for the profession of Physical Therapy. Award winners received a scholarship to attend the 2012 APTA Leadership Conference: Advocate, Govern, Learn conference in Washington DC.

Kellen Feeney (2013)
Dan Monroe (2013)
Morphological Changes Four Weeks Post Hemorrhagic Stroke in the Tibialis Anterior and Soleus Muscles—Tessman, B., Teymouri, B., VanEmmerik, L., Weik, D., Wick, M. Advisor: Dr. LeAnn Snow


Muscle Characteristics of the Naked Mole Rat—Larson, M., Robinson, K., Rodenburg, E., Rosengren, K., Rowinski, K. Advisor: Dr. LaDora Thompson

The Effect of Leg Preference on Postural Responses During Step Initiation—Scott, S., Sletten, L., Swanson, K., Swatfager, D., Swenson, S. Advisor: Dr. Carl Kukulka

First Ray Kinematics in Females with Rheumatoid Arthritis and Bunion—Jensen, D., Kampa, B., Karg, L., Krych, A. Advisors: Dr. Paula Ludewig, Dr. Ward Glasoe


Shoulder Positioning and Relative Impingement Risk during Ultrasonic Scaling: Assessment of Dental Hygiene Students—Goraczkowski, A., Henshue, K., Hertzfeld, M., Holland, M., Sarkar, S. Advisor: Dr. Paula Ludewig

The Relationship Between Bone Mineral Density and Failure Force for a Simulated Scoliosis Derotation Surgery—Wong, M., Yang, H., Yarbrough, N., Zolotov, Y., Zupan, K. Advisor: Dr. David Nuckley

Concurrent Validity of a Wireless Microphone System for Temporal Gait Analysis—Olson, M., Olson, R., Opsahl, J., Perry, M., Price, A. Advisor: Dr. Richard Di Fabio (1952-2011)
Going Above and Beyond: Second Year DPT Students Community Health and Wellness Projects

University of Minnesota DPT students learn to work in culturally diverse communities through participation in the 2nd Year Clerkship Experience. Within this experience, groups of students develop health related, service learning projects for an existing community in either an urban, rural or international setting. Students learn about their project and culture through meeting with a community liaison and work together to develop a project identified by and to be used by that community. The culmination of the first semester of the class is a poster open house where student groups discuss the goals of their upcoming projects which will be implemented in the spring semester. A few of the projects developed and highlighted from the Class of 2014 are:

Minnehaha Adult Day Care Service Center: Osteoarthritis Management Program

Community Liaison: Mohammad Omar

Group Members: Melissa Ludescher, Brett Traxler, Zach Horning, Kate Ludewig, Lindsey Legatt, Bri Radtke

Currently forty thousand Somali refugees have relocated to Minnesota. Since moving to the United States and having a vastly different lifestyle, obesity and inactivity have become a prevalent problem in the older adult population. These factors contribute to increased pain in the older adult population and exacerbate their osteoarthritis. The Minnehaha Adult Daycare Service Center is an establishment that offers support services to Somali individuals. The purpose of this project is to create instructive exercise brochures and an exercise DVD that can be used at the Minnehaha Adult Daycare Service Center. These brochures will provide the Somalis with exercises and stretches to help with management of their osteoarthritis and general information about osteoarthritis. Each brochure will be translated into Somali as well as English. The DVD will consist of demonstrations of these exercises and stretches.
Open Eyes, Open House: Raising Awareness for Victims of Torture in Minnesota

Community Liaisons: Gale Dockstader, PT and Laura Gueron, PT
Group Members: Amber Anderson, Michelle Usset, Chris Ryer, Becca Worthington, Lucci Baregi

For decades, Minnesota has provided a safe haven for refugees worldwide looking to make new homes. An estimated 500,000 refugees living in the U.S. are also victims of torture, with 30,000-40,000 living in Minnesota. Located in St. Paul, MN, the Center for Victims of Torture (CVT) offers an array of services to heal the mind and body, including physical therapy. The purpose of this project is to raise awareness among physical therapists in Minnesota on the prevalence of victims of torture within the community and on ways to better recognize, treat, and refer victims of torture for care. First, an online survey on recognizing and treating torture survivors will be distributed to all MN APTA Chapter physical therapists. Second, the survey results will be analyzed to identify key areas where PTs need additional information to successfully treat torture survivors. Lastly, the project will culminate with an open house at CVT in the spring, inviting MN PTs to tour the facility, meet staff, receive an educational tool on treating victims of torture, and have an opportunity to become a volunteer physical therapist at CVT.

Niger Rehabilitation Clinic Design

Community Liaison: Greg Santema, PT & Ted Biro, architect
Group Members: Jackie Drewitz, Mary Ann Em, Kelsey Hanton, Kirsten Gedicke, Amy Vaith, Dane Bonath

Niger is a country in Western Sub-Saharan Africa surrounded by Algeria, Libya, Chad, Nigeria and Mali. It is consistently one of the poorest countries in the world and its health care system is rudimentary at best. Due to the limited resources, only 1/3 of the population has access to health services. The purpose of this project is to create an architectural design for a rehab clinic in Niamey, Niger. The clinic will provide a space for physical therapy to take place and provide necessary health-care services to the underserved community. The clinic will consist of locally made and donated equipment needed to treat patients with a variety of conditions. The clinic design will be implemented in the spring of 2013.
Katherine Sullivan, PT, PhD, FAHA, presented the 13th Annual Jack Allison Lecture on Saturday, November 10, 2012 at the McNamara Alumni Center. Her topic, “Advances in Neurorehabilitation: Walking Recovery after Brain Injury” drew over 80 participants and received excellent reviews. In addition to discussing walking recovery, she presented a vision for Physical Therapy as a key participant in ensuring health and wellness across the lifespan. While visiting, Dr. Sullivan also met with Program researchers, PhD and entry-level students, and other professional colleagues.

This lectureship was created to honor the memory of Jack Allison, Program in Physical Therapy faculty member from 1957-1993. He also served as Program Director from 1978-1993. Susan Whitney, PhD, PT, NCS, ATC, will be the speaker on November 2, 2013. Her lecture is titled “Update on Evidence in Management of Concussion/Mild TBI.”
Student Posters Accepted for CSM 2013


Program in Physical Therapy Continuing Education Calendar 2013

$10 Tuesdays
6:30-8:30 PM

Tuesday, February 12, 2013
Fairview Sports Physical Therapy Clinical Residents
Annie Ekstrom, PT and Brehn Pagel, PT

Tuesday, March 5, 2013
Fairview Physical Therapy Orthopedic Clinical Residents
Alison Kubat, PT and Lana Prokop, PT

Tuesday, April 9, 2013
University of Minnesota Geriatric Clinical Residents
Megan Connelly, PT and Emily Pierce, PT

14th Annual Jack Allison Lecture
Saturday, November 2, 2013
Update on Evidence in Management of Concussion/Mild TBI
Susan Whitney, PhD, PT, NCS, ATC

Contact Rich Adamczak, adamc022@umn.edu

Physical Therapy Program Associated Faculty News

The Program in Physical Therapy is pleased to have many clinicians participating in the entry-level program as guest lecturers, course coordinators, and lab instructors. These content experts are active in the professional community, and bring that experience to the classroom for our students. Lynnette Leuty, course coordinator for the Neurorehabilitation course and supervisor of Comprehensive Outpatient Rehabilitation at Sister Kenny Institute, Abbott Northwestern site, recently completed seven years of service as the secretary of the Brain Injury Special Interest Group of the Neurology Section, APTA. Janey McGeeary Farber of Gillette Children’s Specialty Healthcare and guest lecturer in the Human Growth and Development and Pediatric Rehabilitation courses presented on hypertonicity assessment and management at the American Academy of Cerebral Palsy and Developmental Medicine conference in September. Peter Zepelak, outpatient physical therapist at Park Nicollet clinic and musculoskeletal lab instructor achieved Fellow Status in the American Academy of Orthopedic Manual Therapists. Kathleen Picard, co-course coordinator for the Administration course will receive 2012 APTA Recognition of Legislative Commitment at the State Policy and Payment forum in December. She is Director of Business Development for Orthopedic Specialists, Inc. Lori Danzl, guest lecturer in Human Growth and Development and Neurorehabilitation, was promoted to Chief Physical Therapist at Minneapolis VA Health Care Center. Crystal Markfort, of Shriner’s Hospital for Children – Twin Cities, recently passed her Pediatric Clinical Specialist examination. We congratulate them on their accomplishments!
Program in Rehabilitation Science Update

The Program in Rehabilitation Science continues to prepare PhD and Masters students for academic and scientific careers in rehabilitation related fields. Currently, 16 students are enrolled in the program. Five new students began their studies fall 2012 or spring 2013: Brittany Collins, advised by Dr. Dawn Lowe; Becky Lawrence, advised by Dr. Paula Ludewig; Rebekah Schmidt, advised by Dr. Teresa Kimberley; Justin Staker, advised by Dr. Paula Ludewig; and Joyce Trost, advised by Dr. Dawn Lowe. Within the past year, five students have graduated. Xiaolin (Selena) Zheng completed her masters degree Plan B project in October 2011. Selena was advised by Dr. LaDora Thompson and she is currently enrolled in the surgery residency program at Montefiore Medical Center in New York City. Huiquing (Joan) Deng completed her PhD dissertation titled “Movement Velocity Effect on Cortical Reorganization and Finger Function in Stroke” in August of 2012, advised by Dr. James Carey. In August, Sharyl Samargia defended her PhD thesis titled “Pathophysiology of Adductor Spasmodic Dysphonia: A TMS Study.” Sharyl completed her degree under the guidance of Dr. Teresa Kimberley. Sharyl is currently on faculty at the University of Wisconsin-River Falls as a speech-language pathologist. In December, Linda Koehler defended her PhD thesis titled “Axillary Web Syndrome: Ongoing Medical Evaluation.” Linda will continue with some teaching and research advising involvement in the University of Minnesota Physical Therapy Program. Our final graduate this past year was Kristin Zhao. Both Linda and Kristin were advised by Dr. Paula Ludewig. Kristin’s dissertation was titled “Relative Risk of Reduced Subacromial Space in Activities of Daily Living in Wheelchair Ambulators.” Kristin is a Senior Engineer in the Orthopaedic Biomechanics Laboratory and Assistant Professor of Biomedical Engineering, College of Medicine, at the Mayo Foundation. Congratulations to all of these accomplished graduates!

Current Rehabilitation Science Students:
Top Row: Brittany Collins, advised by Dr. Dawn Lowe; Rebekah Schmidt, advised by Dr. Teresa Kimberley; Becky Lawrence, advised by Dr. Paula Ludewig; Therese Schreder, advised by Dr. Peggy Martin; Lynda Anderson, advised by Dr. Peggy Martin; Divya Bhaskaran, advised by Dr. Paula Ludewig; Jeffery Chih-Huang Yu, advised by Dr. Virgil Mathiowetz

Bottom Row: Tara Mader, advised by Dr. Dawn Lowe; Joyce Trost, advised by Dr. Dawn Lowe; Jessica Cassidy, advised by Dr. James Carey.


Rehabilitation Science Seminar Series

The Rehabilitation Science Seminar Series, in its second year, continues to promote scholarly discourse between primary researchers and clinicians. We have hosted speakers covering topics ranging from movement control in Parkinson's Disease to parametric assessments of frailty. The seminar series has been very popular with physical therapy students, therapists, and academics—creating a great environment for advancing the practice and science within rehabilitation. Please feel free to contact Rich Adamczak via email at adame002@umn.edu for more detailed information. We look forward to seeing you at a seminar soon!
In addition to newly admitted students and graduates, many of our current Rehabilitation Science students were deservedly acknowledged this past year. Ted Graber was recently awarded an NIH Individual Predoctoral Fellowship (F31). This is a very prestigious award. The award allows Ted to concentrate his efforts on completion of his research work under the advisement of Dr. LaDora Thompson and the Program is proud of his accomplishment. In addition, Ted was awarded a travel award to present at the American Aging Association’s annual meeting in Fort Worth, Texas, this past June. Ted presented his abstract titled “C57BL/6 Neuromuscular Healthspan Scoring System: Assessment of Sarcopenia/Frailty Interventions.”

Another fellow recipient this past year was Linda Koehler. Linda received a Doctoral Dissertation Fellowship (DDF). The DDF is a competitive, University-wide fellowship awarded by the Graduate School of the University of Minnesota. Linda was one of 59 graduate students to receive the award for the 2011-2012 school year. In April, Linda took part in the Doctoral Research Showcase. Her showcase poster presentation was titled “Axillary Web Syndrome Ongoing Medical Evaluation (AWESOME).”

Theresa Schreder was recipient of a Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Fellowship for 2011-2012. LEND is an interdisciplinary program at the University of Minnesota. LEND Fellows are graduate or postgraduate students, or community members selected for their outstanding skills and commitment to improving the quality of life for children with neurodevelopmental disabilities and their families. Theresa is advised by Dr. Peggy Martin. Dr. Martin is Director of the Occupational Therapy Program and serves on the Rehabilitation Science faculty.

The Program is also proud to announce that Jessica Cassidy was awarded a Promotion of Doctoral Studies (PODS) II Scholarship from the Physical Therapy Foundation. PODS Scholarships are awarded to fund post-professional doctoral students, who—having completed one full-year of coursework—wish to continue their studies or have entered the dissertation phase of their post-professional doctoral program. Jessica is advised by Dr. James Carey. These awards are also highly competitive national awards.

Kristin Zhao, advised by Dr. Paula Ludewig was successful in obtaining competitive external grant funding for 2011-2012 for her dissertation research. Kristin is the Principal Investigator on a Paralyzed Veteran’s of America Grant entitled “A Rehabilitation Program for Manual Wheelchair Users with Shoulder Pain.” This grant supported Kristin’s dissertation project, as well as an intervention study being completed at the Mayo Clinic.

Also within the past year, the Rehabilitation Science Program initiated a competitive “Rehabilitation Science Research Assistant Award.” The recipient of this award receives a half-time research assistantship to help offset tuition and health insurance costs, as well as a small stipend. For the 2012-2013 school year, Becky Lawrence was awarded this competitive assistantship from among new students enrolling in the Program. Becky is advised by Dr. Paula Ludewig.
Dr. James Carey

Presentations:
Pediatric Hemiparesis: Synergistic Treatment Using rTMS and CIT.

Publications:


Dr. Bernadette Gillick

Publication:

Presentations:


“Neuroplasticity and Non-Invasive Brain Stimulation” University of Minnesota Neuropsychology Department, Invited Speaker, April 2012, University of Minnesota, Minneapolis, MN

“Neuroplasticity Across the Lifespan.” Minnesota Physical Therapy Association 2012 Annual Conference, One of Two Invited Speakers with Dr. Lance Zirpel/Neuroscientist, April 2012, Minneapolis, MN

“Brain and Brain Development,” Brain Awareness Week, St. Rose Elementary, 2012

Grants:
Clinical and Translational Science Institute (CTSI)- Pre-K Award. 50% protected time and $52,000 over 2 years. (deadline March 2014)

Minnesota Medical Foundation New Faculty Start Up Grant. $14,000 over 2 years. (deadline March 2014)

Pilot CTSI Biostatistical Design and Analysis Grant. $5,000 over 2 years. (deadline March 2014)

Dr. Dawn Lowe

Invited Presentation:
"Estrogen Influence on Muscle Function", Canadian Society for Exercise Physiology Conference, Regina Saskatchewan; October 2012

Publications:


Dr. Ward Glasoe

Conference Poster Presentations:
Jensen DD, Kampa BB, Karg LK, Krych AR, Ludewig PM, Glasoe WM. First Ray Kinematics in Females with Rheumatoid Arthritis and Bunion: An Imaging Study. Accepted for presentation at CSM (APTA) National Conference, San Diego, CA, Jan, 2013.


Dr. Teresa Jacobson Kimberley

Grants:
“The Pathophysiology of Spasmodic Dysphonia: a TMS study” R21 from the National Institutes of Health (NIH): National Institute for Deafness and Communication Disorders (NIDCD). This study will use transcranial magnetic stimulation to measure various cortical processes in people with Spasmodic Dysphonia. Spasmodic dysphonia is a focal dystonia that affects the vocal cords.

“Optimizing Neuromodulation to Increase Inhibition” This grant from the Minnesota Medical Foundation was received by Dr. Kimberley and Dr. Joan Deng, to help determine which parameters of stimulation produce a maximal inhibitory response in healthy people. The work will then be extended to patients with disorders to help facilitate the most effective cortical inhibition.

Presentations:


“How can brain imaging and stimulation inform rehabilitation?” Lara Boyd, PT, PhD, Michael Borich, DPT, PhD, Teresa Jacobson Kimberley, PhD, PT. American Congress of Rehabilitation Medicine/ American Society of Neurorehabilitation International meeting in Vancouver, BC, Canada in Oct 2012. This presentation was selected as a keynotes address.


Publications:


Dr. Paula Ludewig

Publications:


Presentations:
Seely KT, Beranek KA, Blom KM, Burandt AR, Sarkar S, Braman JP, Ludewig PM. Proximity of rotator cuff structures to potential impinging structures during clinical impingement tests. Poster Presentation, Combined Sections Meeting of the APTA, Chicago, IL. February 2012

Ludewig PM, Braman JP. Shoulder Impingement: Can Therapists and Surgeons Learn to Speak the Same Language? Continuing Education Presentation. University of Minnesota Program in Physical Therapy, Minneapolis, MN. March 2012

Ludewig PM. Shoulder Impingement. Platform Presentation, The Shoulder Center of Kentucky’s 15\textsuperscript{th} Annual Shoulder Symposium, Lexington, Kentucky. July 2012


Ludewig PM. Shoulder Biomechanics and Rotator Cuff Disease. Continuing Education Presentation. Allina Health System, Minneapolis, MN. September 2012

Dr. Becky Olson-Kellogg

Publications:
Wang SY, Olson-Kellogg B, Shamliyan TA, Choi JY, Ramakrishnan R, Kane RL. Physical therapy interventions for knee pain secondary to osteoarthritis: a systematic review. Annals of Internal Medicine, 6 November 2012, Vol 157(9); 632-W210


Pittenger AL, Olson-Kellogg B. Leveraging learning technologies for collaborative writing in an online pharmacotherapy course, Distance Education, 2012, 33:1, 61-80

Presentations:
Olson-Kellogg B, Lojovich J. Measuring Attitude Changes of DPT Students Toward Older Adults Through a Collaborative Partnership Between a DPT Program and Long Term Care Settings. Platform presentation, Educational Leadership Conference, Education Section of the American Physical Therapy Association, Greenwich, Connecticut, October 2012
Dr. LaDora Thompson

Publications:


Kim, J.H. and L.V. Thompson. Inactivity, age, and exercise: single fiber power generation. Accepted JAP October 2012.


Dr. Dawn Lowe

Invited presentation:
“Estrogen Influence on Muscle Function,” Canadian Society for Exercise Physiology Conference, Regina Saskatchewan; October 2012

Publications:


Dr. LeAnn Snow

Publications:
Faculty Updates:

We congratulate **Dr. Teresa Kimberley** for receiving tenure and being promoted to **Associate Professor** this past spring. This is a remarkable achievement, and we celebrate with Dr. Kimberley!

Dr. Teresa Jacobson Kimberley was named an "Outstanding Academic Advisor" by the Graduate and Professional Student Council.

Dr. David Nuckley left our PT Program and the University in December and has decided to seek a career in industry.

We currently have three nationwide faculty searches in progress. One search is for a new Program Director, after Dr. Jim Carey chose to resign that position after 17+ years. We are happy to still have Dr. Carey with us on faculty in the PT Program though. The second search began this past spring to fill the faculty vacancy following Dr. Rick Di Fabio’s passing in December of 2011. The third search is just beginning and will fill Dr. David Nuckley’s position.

CURRENT STUDENT AND ALUMNI NEWS

The University of Minnesota Physical Therapy Program was notified of the passing of Sarah Johnson, 68, of Jamestown, ND, on Tuesday, August 14, 2012 at her home.

Sarah graduated from the University of Minnesota Program in Physical Therapy and worked in Minneapolis, Mankato, and Red Wing before moving to North Dakota. We thank Sarah for her years of service.

Thank you to those who contributed news. Please send announcements and pictures of marriages, arrival of children, new jobs, specialty certification, advanced certification, and any other news that you’d like to share with classmates, including upcoming or former PT reunions, and pictures of classmate gatherings. All are possible news events. Please include your graduation year. You may submit information about what is happening in your life to ptquest@umn.edu.
“After looking at the Program newsletter, I thought I would share a picture of our five year reunion we had in May 2012. Also, I’m getting married September 15, 2012 and will be Amanda Brawley.”

Amanda Gregory, DPT, Class of 2007

“Just a quick heads up for those of you who may have requested to be notified. As of this past Wednesday morning I have begun to be short on sleep and continually pinch myself to determine if this is all real. But as the story goes, a stork dropped off a little 6 lb 9 oz bundle we decided to call Alena Miriam. She's got a bit of dark hair, long toes and some attitude. Good stuff! We figured she's a keeper. I've included a few pictures if you're interested.

Hopefully life's treating you all well.”

Hazen Plough, DPT, Class of 2012

“Hey Everyone!

Just wanted to share the news that Neil and I welcomed our daughter over the weekend. We named her Aurelie Mireille (pronounced OR-ay-lee meer-AY) in honor of Neil's French heritage, and she arrived in the morning on September 1. 19.5 inches long, 5lbs 14oz. She has a head full of dark hair like her daddy, is very snuggly and contented, and has both mom and dad wrapped around her little finger. We're all doing well and resting at our new house in Mitchell, SD with the help of Grandma. Hope you are all doing well and getting settled into your "new" lives as PTs!”

Kayla Schindler, DPT, Class of 2012
We are very pleased to share that Dr. James Carey, long-time faculty member and past Program Director, has received the Catherine Worthingham Fellow designation (FAPTA), the highest honor among the American Physical Therapy Association. This prestigious honor is given to physical therapists who attain the highest level of professional excellence and make an impact in terms of education, research, advocacy and service.

Accolades from his nomination letters include: “He has distinguished himself, as Dr. Worthingham did, as a change agent who is effective, respectful and honest, and motivates others to make an impact within the physical therapy profession.” “He leads by example and by speaking out, even when his views challenge the accepted “status quo.” He inspires and motivates his colleagues through his exceptional work ethic, and passionate and articulate advocacy for excellence and advancement.”

Dr. Carey will be honored on Thursday evening, June 27, 2013, at the American Physical Therapy Association Annual Conference in Salt Lake City, Utah. Congratulations, Dr. Carey! We are so very proud of you!