



UNIVERSITY OF DELAWARE DEPARTMENT OF PHYSICAL THERAPY
ALUMNI NEWSLETTER

Volume 12,
 Spring 2011

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MESSAGE FROM THE CHAIR



Greetings,

As I did last year, I would like to start off my greeting by congratulating our alumni who received American Board of Physical Therapy Specialist (ABPTS) Certification over the past year. Hearty congratulations to all twelve alumni who continue to help to make our program a model for the nation! I also want to congratulate the class of 2000 for organizing the first PT class reunion at last year's Forum and Reunion Weekend. I look forward to welcoming all of our alumni to this year's Alumni Weekend, June 3-5 (please note the University changed the name, but it will still be the same great event) and I particularly look forward to welcoming the members of the Classes of 1981, 1991, 2001 and 2006 for their 5, 10, 20, and 30 Reunion Celebrations. As we did last year, there will be tours of the Department and a private reception. The University will once again put up a huge tent for Mug night. This continues to be a fun event that only keeps getting better.

As usual, the past year has brought about many changes within the UD Program. Both Drs. Mettler and Davis joined Dr. Lucca in deciding that it was time to retire. We wish them all well and thank them for their many wonderful years of service to our department. Of course, these retirements have provided the Department with some opportunities for new hires. Last year we promoted Drs. Darcy Reisman and Sam Lee onto tenure track positions; this year we were

able to hire Dr. Joe Zeni onto a tenure track position. We look forward to recruiting for another tenure tract position over the next year. The big news is, however, that we are presently working with our Dean, Dr. Kathy Matt, to design space in the Administration building of the old Chrysler plant to house the entire PT Department. We anticipate that this move will allow substantial growth in the size of our faculty, clinical services, and student populations. If all goes well (including substantial fundraising), we may be in the new facilities as early as December 2012.

I would like to thank Cyndi Haley and the DPT students, Juliane Orr and Holly Whitney, for all of their hard work in putting together this newsletter. Once again they have done a great job. Finally, I would like to thank the many alumni and friends who have provided financial support to the department over the past year. Your continued support of the Department is now allowing us to provide more funding than ever for our students to attend national APTA meetings and other important professional activities. In addition to Alumni weekend, I hope to see many of you in June at the Annual APTA Conference in National Harbor; we will be hosting an alumni event on Friday, June 10 from 6:30-8:30 in Chesapeake D Room at the Gaylord National Resort, and hope for a great turn out. Best Wishes,

Stuart Binder-Macleod

Stuart A. Binder-Macleod, PT, PhD, FAPTA
 Edward L. Ratledge Professor and Chair

WANT TO SAVE TREES AND DEPARTMENT MONEY? If you would like to read the alumni newsletter on-line instead of receiving the printed publication, e-mail Mrs. Cyndi Haley (chaley@udel.edu) your name and email address and request to be added to the alumni e-mail list. We will e-mail you a web link for the newsletter each time it is completed. Thanks!

Calendar of Events	
APTA Annual Conference	June 8-11, 2011, National Harbor, MD
<i>UDPT Alumni Reception @ the APTA Annual Conference Friday, June 10 6:30-8:30 PM</i>	<i>Gaylord National Resort, Chesapeake D Room</i>
APTA Student Conclave	October 21-23, 2011, Minneapolis, MN
Graduation DPT Class of 2011	January 7, 2012
Combined Sections Meeting	February 8-11, 2012, Chicago, IL
Alumni Weekend	June 3-5, 2011

CLASS OF 2010 GRADUATION



Congratulations DPT Class of 2010!

Listed Alphabetically: Jessica Catrina Amato, Steven Matthew Banaszak, Jr., Madeline Monique Baker, Jennifer Lynn Bogia, Jennifer Ellen Boyle, Lisa Buchanan, Rebecca Angela Dantas, Amanda Ellen Gongaware, Alison Leslie Harpster, Mackenzie Renee Landers, Joseph Theodore Laws, IV, Autumn Elizabeth Russell Martens, John F. Mayer, Jr., Jeffrey Adam Miller, Jeffrey Michael O'Laughlin, MCameron Morrison Patchen, Laura Jane Penneys, Denia Michelle Phillips, Robert Charles Reimer, III, Mackenzie Anne Roby, Deborah Santiago-Cintron, William Gregory Seymourur, Anna O'Shea Shovestul, Christina Michelle Smith, Kathleen Anne Thompson, Mark Purtell White, Matthew John Westcott, Daniel Wu

Message from John Mayer,
President of the Class of 2010:
On behalf of the Class of 2010 I would like to extend our thanks to all the faculty and staff at UD for helping us throughout the program. Though our professional paths may now separate most of us, we leave with a feeling of sincere gratitude for the passion and professional drive that UDPT has instilled in us over the past 2 1/2 years. I hope my class's success will provide some inspiration and act as a reminder for the up-and-coming DPT classes that there is, in fact, a light at the end of the tunnel! Good luck to all and thank you for everything!

With Many Thanks,
UDPT Class of 2010

To the Graduating Class:

- Faculty Award: to **Greg Seymour** for demonstrating exemplary personal qualities deemed most valuable to the PT profession, including integrity, cooperation, initiative and leadership.
- Director's Award: to **Mackenzie Roby** for special contributions of time and effort to improving the UDPT program and helping the faculty and director fulfill the missions of education, scholarship, and service.
- Scholarship Award: to **Kathleen Thompson** for a high level of scholastic achievement in the UDPT program as demonstrated by the highest grade point average in the class.

To Community Members & Alumni:

- Cossoy Award: to **Nancy O'Laughlin** for extraordinary contributions to the UDPT program from outside the department.
- Cathy Doetzer Kohlenstein Clinical Educators Award: to **Maurine Van Hemelryck** for outstanding contributions to the clinical education of UD students.
- Alumni Award: to **Tracy Stoner** who made outstanding contributions to the Physical Therapy Department.
- Cathy Doetzer Kohlenstein Scholarship to **Jamie Lambert** awarded to a second year student to assist with funding for clinical education expenses.

To UD Physical Therapy Residents:

- Certificate of Completion of the Orthopedic Residency was presented to **Anthony Carroll**
- Certificate of Completion of the Geriatric Residency was presented to **Ross Haley**

CLASS OF 2010 GRADUATION

A Memorable Graduation

January 8, 2011 was one of the most important and exciting days in the lives of 28 people. These individuals entered Clayton Hall as third year DPT students and left as Doctors of Physical Therapy.

All of the graduation festivities for Physical Therapy students; including hooding which in the past was performed at the University-wide graduation, took place in Clayton Hall on Saturday in front of a beaming audience of family and friends. Highlights of the day included a memorable slide show featuring the class of 2010 put together by Matthew Westcott, witty yet moving remarks by Dr. Galloway in his

Address to the Graduating Class, the presentation of awards, and the presentation and hooding of graduates by Vice Provost Dr. Charles Riordan, Assistant Provost Dr. Mary Martin, Dean Kathleen Matt and the Physical Therapy Faculty. Clinical residents were also recognized and awarded certificates in recognition of their year plus of learning and hard work for the PT department.

Desserts were enjoyed, photos were snapped, music was performed by 1st and 2nd year DPT students and embraces were shared by many at the reception following

the ceremony.

Given its resounding success, the PT Department plans to make the presentation and hooding of graduates at the departmental graduation ceremony a tradition for many years to come.

Graduation was a day to reminisce and celebrate the achievements of our DPT students. To quote Dr. Galloway, "we look forward to following as you light up the profession and impact lives." Congratulations and best of luck to the Class of 2010!



Left, Below Left: Class of 2010 celebrate the completion of their degree at their hooding and graduation ceremony held at Clayton Hall earlier this year.

Below: Dr. Galloway gives an inspirational send off to the class pictured below.



UDPT Happenings

Departmental Scholarships

The University of Delaware Physical Therapy Department is incredibly pleased to be able to offer several different scholarship opportunities to our students each year. We are extremely grateful to the donors and benefactors who make this possible. Below are the highlights of the awards that we are able or soon will be able to offer to our students.

Cossoy-Lucca Scholarship

An endowment for this award was established several years ago that will continue to grow until it has reached a large enough sum for the Cossoy-Lucca Scholarship to be given annually. This award will be given to a second year student that has given their time and abilities towards community service efforts in the healthcare field. The recipient will demonstrate substantial promise and the ability contribute to the advancement of the profession.

Paul Mettler Military Service Award

In honor of Paul Mettler's distinguished service to his country and to the University of Delaware Physical Therapy Program, a new award has been created in his name. The Paul Mettler Military Service Award is granted to a student with current or previous military service OR whose life during their participation in the physical therapy program has been directly impacted by a first generation family member serving their country. There is no limit to the number of individuals that may share this award in a single year and if no eligible candidates are available, the award will be held for the next year. As many of you are aware, Dr. Mettler retired this year after 23 years of service to the Physical Therapy Department. At the University of Delaware alone, Dr Mettler has contributed to the development of over 800 new physical therapists. In his quasi-military style of teaching, he commanded his troops

and translated his vast knowledge of Anatomy, Neuroanatomy, Cardiac Rehabilitation and even Clinical Management to the masses of physical therapy students. The department is forever grateful to Paul for his exemplary leadership and we know many students also appreciate his contributions to their education and professional development. Please consider giving a gift to the Department in Paul's name to support the things that meant so much to Paul. You can designate Paul on your donation and we will send him an acknowledgement of receipt of your gift in his honor. In lieu of a party for his departure, Paul's only request was that those impacted by service to their country be recognized and an award bearing his name seemed fitting. Please give generously and remember Paul and all those who served their country on Veteran's Day.

Stauffer Scholarship

This scholarship will be given to a undergraduate UD alumni pursuing doctoral training. The recipient of the award will be an outstanding applicant selected by the admissions committee.

Cathy Doetzer Kohlenstein Scholarship

This new scholarship is funded by a generous endowment recently established by the family of Cathy Doetzer Kohlenstein, to celebrate her life and to create a legacy for her three sons and future generations.

Ms. Kohlenstein was a graduate of the UD MPT program, and was an outstanding clinician, clinical instructor to many UD students, and advocate for our profession. Sadly, in 2002, Cathy was taken from the world far too early after a courageous two year battle with Leukemia.

This scholarship will be presented

each year to a 2nd year DPT student to assist with the funding of his or her clinical education expenses. The recipient is chosen based upon his or her future professional goals, how previous and planned clinical education experiences relate to these goals, and how the funds from this generous endowment will enable or enhance their clinical education experience.

The first recipient of the Cathy Doetzer Kohlenstein Scholarship was Jamie Lambert, who received a check for \$1,000 and the well wishes of Cathy's family.

When asked how she felt about receiving this award, she said; "It was an honor to be selected by and have the support of our department as the first recipient of the scholarship award. I very much enjoyed meeting with Cathy's family; getting to hear more about her and getting a small picture of who she was made the award that much more special. The scholarship will be of great assistance for my last 3 affiliations to help fund housing expenses."



Cathy Doetzer Kohlenstein Scholarship Award winner Jamie Lambert is pictured after receiving the award with Cathy's family and Departmental Chair Stuart Binder-Macleod.

UDPT Happenings

UDPT Clinic Recognized by Army Officer—Adapted from UDaily Article

Col. Edward DeLissio was so impressed with the care he received in the Physical Therapy Clinic at the University of Delaware that he presented therapist Anthony Carroll and his colleagues with an official “Certificate of Appreciation for Outstanding Clinical Team Effort.” Carroll, who received his bachelor’s degree in exercise science at UD in 2007 and his doctorate in physical therapy in 2010, was completing an orthopedic residency in physical therapy during the eight months that he treated the colonel following anterior cruciate ligament (ACL) surgery. A resident of Middletown, Del., DeLissio is with the U.S. Army Reserve in the 3rd Brigade, 9th Division.

Carroll and the team were honored for “ensuring complete, comprehensive, professional rehabilitation while showing a remarkable sense of caring, knowledge, and willingness to go the extra mile to help a soldier rejoin the

troops following his ACL injury.”

Now a fellow in spine rehabilitation at Kaiser Permanente in California, Carroll credits the team approach at UD, as well as DeLissio’s own efforts, with his favorable



U.S. Army Col. Edward DeLissio, left, recognizes therapists at the UD Physical Therapy Clinic for their assistance in his recovery from knee surgery. From <http://www.udel.edu/udaily/2011/jan/physical-therapy-honor-011411.html>

outcome.

“The PT Clinic at UD adopts a collective viewpoint in treating patients,” he says. “Everyone pitches in whenever possible, and all of our clients get comprehensive care. That’s a great benefit of working at the clinic and being treated there.”

“The colonel was very invested in his own care,” Carroll adds. “He was one of the hardest-working patients I’ve ever had, and he was extremely appreciative of our help in getting him back with his troops.”

When Carroll and his colleagues learned that DeLissio would be required to pass a test on a bicycle when he returned to duty, they stayed after hours to help him prepare.

“We treated him as if he was a high-level athlete getting back into competition,” Carroll says. “It’s fantastic to see someone like him go from barely getting around on crutches to running with his troops again.”

Physical Therapy, Nursing and Theatre Students Work Together with Standardized Patient Experience—Adapted from UD Messenger Article

One of the newest collaborative efforts on campus brings together strange bedfellows—the departments of Theatre and Physical Therapy and the School of Nursing.

Undergraduate theatre students are becoming what’s known as “standardized patients”, healthy lay people who are trained to portray a patient with a particular condition.

“We typically use mannequins for simulation,” says Amy Cowperthwait, a School of Nursing laboratory coordinator, “but those mannequins are not able to communicate or portray the verbal or neurologic status of a patient.”

Standardized patients are trained not just to present the health history of a patient but also to demonstrate the body language, emotions, personality and relevant physical findings. The realistic interactions provide student healthcare workers with real-time feedback in an environment free of consequences.

“As much as we can practice on each

other, nobody can do what they did, nobody can pretend like that,” Meredith Link, a physical therapy graduate student, says. She was part of a group of physical therapy and nursing students who recently tried out their skills on the standardized patients.

The theatre students portrayed patients with head or spinal cord injuries. Part of their training involved observing actual patients at the University’s Neurologic and Older Adult Physical Therapy Clinic on campus and at nearby hospitals.

“This is an opportunity to study the real patients over a period of time and then enact it in a real situation, not on the stage, with real people,” Allan Carlsen, a supplemental faculty member in the theatre department, says. “The actors have the challenge of maintaining the character and the integrity of the role that they’re playing.”

The standardized patient model is used by medical schools nationwide, but rarely in undergraduate programs and almost

never with the help of a college’s theatre department. The collaboration is one of the first of its kind integrating departments whose talents are valuable to one another but that rarely cross paths. At the same time, the UD students and faculty involved say they believe the experience will propel their skills forward, resulting in better performances both on and off the stage.



A nursing student and PT student work to get their “patient” mobilized. From http://www.udel.edu/udmessenger/vol18no1/stories/otg_nursing.html

FEATURED ALUMNI and COMMUNITY SERVICE

Tracy Stoner, PT, DPT, PCS

Recipient of the 2010 Alumni Award



Tracy Stoner (formerly Tracy Johnson) graduated from the University of Delaware in 1990 with a bachelor degree in Physical

Therapy. She received her Transitional Doctoral degree in Physical Therapy from Drexel University in December 2008. Tracy has worked in the area of pediatrics for her entire career including outpatient, school based, and early intervention. Currently Tracy works at the University of Delaware's Early Learning Center where she treats a variety of patients from infants to school age children. She assists in teaching portions of the Pediatrics class as well as guest lectures for a few Early Childhood Education

classes. Tracy also works with many of the 2nd year DPT students on their Pediatric Integrated Clinical Experiences. In addition to being a clinician, Tracy has also been working with Dr. Cole Galloway on the Early Infant Mobility Project and has had the opportunity to lecture with Dr. Galloway on several occasions. Her interests include using robotic devices to enhance mobility opportunities for children with significant motor delays and inclusive environments for children with

special needs. Tracy is an active member of the American Physical Therapy Association serving as the state representative for the section on pediatrics and as the Vice Chair for the section on pediatrics school based special interest group. Outside of work Tracy has been married for 21 years to her husband Chuck. They have 2 children Alexandra -18 and Andrew -14. Tracy enjoys vacationing at the beach, camping, and being involved in her children's lives.

Congratulations to the following UD Alumni who received American Board of Physical Therapy Specialist (ABPTS) Certifications this year:

Residency Credentialed

Shands Rehabilitation and UF Physical Therapy Sports Residency—Terese Chmielewski, PT, PhD, SCS

University of Delaware Sports Physical Therapy Residency—Airelle Hunter-Giordano, PT, DPT, OCS, SCS, CSCS (re-credentialed)

University of Delaware Orthopaedic Residency Program—Karla Bell, PT, DPT, OCS (re-credentialed)

Pediatric Physical Therapy

Lisa P. Ross, PT, DPT, PCS (2005)

Kama Lynn Smith, PT, DPT, PCS (2005)

Neurological Physical Therapy

Kathryn Marie Cunningham, PT, DPT, NCS (2004)

Catherine Rebecca Pantalino PT, DPT, NCS (2005)

Sports Physical Therapy

Douglas George Adams, PT, DPT, SCS (2008)

Angela Dawn Hutchinson, PT, DPT, SCS, OCS (2006)

Orthopaedic Physical Therapy

Janelle Kristen Cannon, PT, DPT, OCS (2007)

Maria Merluzzi DeBlasio, PT, DPT, OCS (2005)

Brian Thomas Diksa, PT, DPT, OCS (2005)

Jennifer Golda Flug, PT, DPT, OCS (2008)

Easton Barry Germain, PT, MPT, OCS, CSCS (1996)

Mary E. Veysey, PT, DPT, OCS (2004)

2010 Community Service

Over the past year both DPT classes have continued UDPT's tradition of community service and were involved in a number of community service opportunities

- Participated in Relay for Life
- Ran a 5K race for Scott Mackler to benefit the ALS Foundation
- Staffed Newark Community Day booth to provide education about PT
- Sold tickets and worked as spotters for UD's Field Hockey, Lacrosse, and Volleyball Games
- Volunteered to work with many patients as service learning projects
- Worked with children with disabilities doing therapeutic horseback riding



First Year Students volunteer at the University of Delaware Early Learning Center

- Assisted in gait training with children at UD's Early Learning Center
- Gave massages at several different local races
- Helped out at Magee's Adapted Rec Day at Temple University
- Assisted at a Wheelchair Rugby Tournament in Cherry Hill, NJ
- Worked with 2nd and 3rd graders in completing their homework and physical activities such as tag and dodge ball in the CATCH Program at JRR Downes Elementary
- Conducted fitness testing for students at the Fitness Night at West Park Place Elementary School
- Collected toys for children who are patients at A.I. DuPont Hospital with the Jeeps for Joy Toy Drive
- Hosted a CEU course featuring Dr. Sue Whitney with proceeds donated to the Pittsburgh Marquette Challenge

DPT STUDENT NEWS

Class of 2011 Written by Leslie O'Neill, SPT

University of Delaware DPT Class of 2011 has returned from an extended winter break full of rest and relaxation! Now that we are back on campus, we are preparing for our last full semester of DPT school. It is strange to think we have less than a year left before we graduate and begin our careers. Admittedly, many of us have a touch of "senioritis".

During our short winter session, nearly the entire class is taking part in an ICE, or Integrated Clinical Experience. Some of us will be taking part in our pediatrics ICE at AI DuPont Hospital, The Early Learning Center, and elementary schools throughout Delaware. Others will be participating in their ICE at UD's Sports and Orthopedic or Neurologic and Older Adult Physical Therapy Clinics

Spring semester is destined to be exciting as we will be taking our Spine and Pediatrics classes. In addition, many of us will be completing our last ICE in the UD Physical Therapy Clinics. We also have some great things planned with the newly formed Delaware Student Special Interest Group of the DPTA. This coming spring we can look forward to

charity events at the Ronald McDonald House as well as a proposed charity softball game.

This year is a very special year for the University of Delaware DPT class of 2010; on January 8th they graduated! The class of 2011 would like to congratulate them all on their hard work and accomplishments. We learned so much from them, we wish them luck, and we look forward to hearing about all the amazing things they accomplish throughout their careers.

Lastly, UDPT hosted a great CEU course this spring for our annual contribution to The Marquette Challenge to raise funds for The Foundation of Physical Therapy. The course, titled "Differential Diagnosis and Treatment Interventions for BBPV", was conducted by vestibular expert Susan Whitney of the University of Pittsburgh.

Leslie O'Neill President
UDPT Class of 2011



DPT 2's celebrating at last year's PT prom above. And below showing their UDPT pride.



Class of 2012 Written by Daniel Goldstein, SPT

It is astonishing to believe that a year ago the members of the DPT Class of 2012 were going through the interview process, with aspirations of becoming the next generation of physical therapists. The class has been fortunate to have undying support from the DPT class of 2011 and the incredible faculty and staff of the UDPT department.

Throughout the first 8 months of our first year, the DPT Class has been introduced to the world of Anatomy through the eyes of Dr. Paul Mettler and the application of Biomechanics to our body's biological structures under the tutelage of Dr. Irene Davis, both of whom have left a lasting legacy at UD. The UDPT Department has lost two vital pieces of its foundation; however, we are excited to welcome Dr. Ellen Wruble as the Director of the Entry Level DPT program and Dr. Joe Zeni as a full time faculty member.

The first year class has also had the opportunity to study beyond the walls of our "home" in McKinly Lab. In partnership with the UD Theater Department and the UD Nursing Department, PT students worked

side-by-side with nursing students to accomplish transfers and ambulation in a standardized patient experience, which was an eye opener! Many of us learned exactly how much organization and coordination is required to function in an appropriate and safe manner in the Acute Care environment. Our class has also had regular attendance at DPTA meetings, Student Conclave, and CSM in New Orleans. Furthermore we are excited to have one of our classmates, Peter Coyle, named the Delaware Core Ambassador to the APTA.

Finally the DPT Class of 2012 is excited to apply the knowledge gained in lecture and practical exams to the clinical, acute care, and orthopedic environments. Many in our class will begin their first Integrated Clinical Experience in either the UD Sports and Orthopedics or Neurologic and Older Adult Clinic, while the entire class will have the privilege to attend our first full time clinical internship this summer.

The Class of 2012 is anxious to continue our strong start in the UDPT program and looks

forward to welcoming the Class of 2013 to the UD family.

Daniel Goldstein, President
UDPT Class of 2012



DPT 1's showing their creativity at the 2010 Halloween Luncheon.

Alumni News

Congratulations to all of our graduates for their personal and professional accomplishments!



Class of 1977

Susan Carol Wood Cecere is currently the Vice President of the APTA Section on Pediatrics. She is a PT Instructional Specialist of Prince Georges Public Schools. She is the PT chair for the Maryland State Steering Committee for OT and PT school-based programs and one of the authors of the Maryland Guide to School-based and Early Interventions Practice. She has been married to Michael Cecere since 1978, currently lives in Annapolis, MD, and has two sons, Michael and Thom.

Class of 1983

Marsha (Adams) Queensberry is currently working in pediatrics/school based PT.

David M. Kietrys received his PhD from Temple University in May 2010. His dissertation is titled "The Effects of High Repetition Low Force Motion on Tendon Integrity and Motor Behavior in an Animal Model of Work-related Musculoskeletal Disorders". He was named to the Editorial Review Board of JOSPT as of 1/1/2011. He is an associate professor in DPT program jointly sponsored by UMDNJ School of Health Related Professions and Rutgers Graduate School at Camden. He was married on 12/1/2008 to Jack Edler (right), and they reside in Philadelphia, PA.



Class of 1987

Ann Dennison is currently running her own small outpatient PT clinic specializing in orthopedic care of all ages and balance/gait dysfunction in the geriatric population. She is also in her 2nd year of her term as Vice President of the PAPTA. She recently worked with the Foot and Ankle Panel on the APTA Hooked on Evidence Project.

Class of 1990

Mark Hopkins is Clinical Director at Dankmeyer, Inc. Orthotics and Prosthetics, Adjunct Faculty in the Dept. of Physical Medicine and Rehab at Johns Hopkins University Medical School and Dept. of PT and Rehabilitation Science at the UMD School of Medicine.

Nikol Wollman Tews is currently working for New Valley Rehab, part of St. Luke's outpatient PT system. Last year she was recertified for the OCS and just recently became certified in Kinesiotaping.

Class of 1992

Audrey Lim Oshea is a staff PT in a Skilled Nursing Facility and she currently resides in Miami, FL with her husband and their 2 boys.

Class of 1997

Mark McMillan is currently working as a medical sales rep, lives in Denver and is happily married.

Class of 1998

James V. Griesi currently serves as the Administrative Director of Operations for Bon Secours Physical Rehab Services in VA. This past November he opened their first PT clinic in Richmond, and in December opened a 9,000 sq ft PT and Sports Performance Site that overlooks a hockey rink. He is completing an executive MBA program through Regent University.

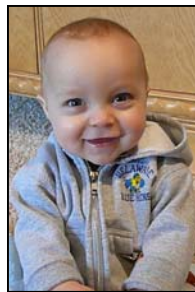
Class of 1999

George Barrett was named Clinic Manager in June 2010 for Fitness Forum PT Clinic in Fayetteville, NY. As EMS Director for the Cicero Fire Department, his agency was named the Central NY EMS Agency of the Year in July 2010.

Amy Lisa Spiegel received her DPT from Widener University in 2007 and published two books related to PT in 2010—*Between Closed Curtains* and *Passion, Patience and a Sense of Humor*.

James L. Poston passed the Manual Therapy Certification Exam with honors, achieving the status of Certified Manual Therapist through the Institute of Physical Art.

Class of 2000



Jessica Boutin and her husband Matt had a new addition to their family, Cooper Logan (left), on 5/27/10. He joins big sister Alexandra Sophie. They reside in Elkridge, MD.

Class of 2003

Timothy Rementer announced the birth of his 2nd child, Evan, born on

8/16/10. He currently works as Clinic Director for The Rehab Center in New Holland, PA.

Airelle Hunter-Giordano and her husband Joseph welcomed their daughter Giada Onnolee (right) to their family on 5/17/10.



Class of 2004

Kathryn Cunningham was promoted to Center Manager to open a new neuro outpatient center. The Neuro Recovery Center with Brooks Rehabilitation is an innovative state of the art comprehensive clinic that focuses on neuro-

recovery for the acute patient and wellness for the chronic neuro patient.

Class of 2005

Jumaah Johnson was recently promoted to Associate Director, Content Development and Training for the Multiple Sclerosis Medical Unit, Noartis Pharmaceuticals.

Mandy Merritt has been designated as the Assistant Athletic Trainer for the U-19 USA men's lacrosse team and will be traveling with the team to the World Championships in Finland in the summer of 2012.

Class of 2006

Kate (Gibson) Campbell became an APTA Credentialed CI and will have 2 students in 2011. She also passed her McKenzie certification this past August and put on a 6 week ACL injury prevention program called Sportsmetrics. She wrote an article for her local paper on the program, and it was picked up by a national podcast called PT Talker.

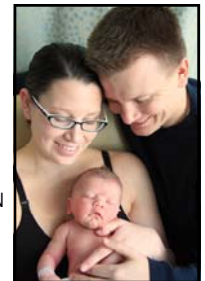


Angela (Hutchinson) Smith married Tom Smith on 9/10/10 (left).

Class of 2007

Elizabeth (Shapiro) Bauske

and her husband had their first child Ethan Matthew on 12/21/10 (right). She is still working in outpatient orthopedics at Barrington Orthopedic Specialists in Schaumburg, IL. She recently accepted a job working in inpatient acute PRN at Sherman Hospital in Elgin, IL.



Karrie (Lowry) Sterkenburg

married Dustin Sterkenburg on 9/26/09. They built a house in Landenberg, PA in 8/10 and she is employed at Maximum Fitness PT and Sports Medicine in Jenensville, PA.

Class of 2009

John Battles married Tiffany Luke on 6/10/10 and is currently working at Polishuk PT and Wellness Clinic, and resides in Devon, PA.

Class of 2010

Katie (Thompson) Nerenz married Jeffrey Nerenz on 1/29/11 (right).

This news was collected from responses to "Let's Keep in Touch" in the Spring 2010 Newsletter and via e-mail request.



YOU'RE INVITED!

UDPT ALUMNI RECEPTION



**2011 APTA National Conference
Friday, June 10, 2011, 6:30-8:30 PM
Chesapeake D Room
Gaylord National Resort and Conference Center
National Harbor, MD**

**Enjoy hors d'oeuvres and cocktails while reuniting
with your former professors and classmates!**

For more information contact Cyndi Haley (chaley@udel.edu) or check out www.udel.edu/PT

UNIVERSITY OF
DELAWARE.

College of
Health Sciences

First Annual Gala

At the Science and Technology Campus
On the site of the former Chrysler auto assembly plant

**Friday, May 20, 2011
6:00 to 10:00 p.m.**

** Valet Parking and
Silent Auction to be held*

\$150 per person

www.udel.edu/chs/gala

Please RSVP by May 2nd

DEPARTMENT NEWS

An Exciting New Home for the Physical Therapy Department

The University of Delaware Physical Therapy Department is extremely excited with the prospect of moving to a new home. Tentatively scheduled for December 2012, UDPT will relocate to the new Science and Technology Campus, currently under construction, on the site of the old Newark Chrysler plant.

The University recently purchased this 272 parcel of land, and the original plan was to tear down all of the buildings left behind by Chrysler and completely rebuild a new area of campus. However, after deliberation by the architects and powers-that-be, it has been decided that the former Administration Building will remain, and its interior will undergo a complete renovation. This soon-to-be revamped building is slated to house the Physical Therapy Department, both PT clinics, and researchers. It currently appears that our department will be the first to open its doors on the new campus.

The new PT space will be larger than what we currently have at McKinly Lab, and therefore the department has the opportunity to grow incoming classes from thirty six to approximately sixty students. If all goes according to the current schedule, the class of 2015 would begin their UDPT lives at the Science and Technology Campus in June of 2013.



Future Site of UD Physical Therapy Department

Photo from <http://www.udel.edu/scitechsite/>

The new campus is projected to have a major focus on the Health Sciences, with the hope that all of the College of Health Sciences will eventually be located here. A healthy lifestyle will be emphasized throughout the new campus with walking and running paths, healthy restaurants and a world class fitness center available not only to University of Delaware students, faculty and staff, but also community members. The University is currently looking for partners to join them in the new campus, and Thomas Jefferson University is considering building dorms here for their medical students and residents.

“An ideal location” is an understatement for the future home of the PT department. It’s about a two minute drive to I-95, and a five minute walk to the Newark train station from the new campus. Negotiations are currently underway to expand the train station as well as train service to the station. The University plans to move all parking to the lots around the Bob Carpenter Center, which is only a short walk from the future Science and Technology Campus. This is particularly convenient for DPT students walking to their vehicles after a late night at the clinic.

The future certainly looks bright not only for the Physical Therapy Department, but the University as a whole.

Welcome Ellen Wruble, Director of the Entry Level Program

UDPT prides itself on being a cutting edge research and educational facility. When the long-standing Director of the DPT program, Dr. Mettler retired, the order for a position replacement was quite steep. It seems that the University of Delaware Physical Therapy Department has tracked down a perfect fit to fill the void. Dr. Ellen Wruble Hakim has been hired as the new Director of the Doctorate in Physical Therapy Program. She comes to us with a great deal of experience as a

clinician, an educator, and a developer of curriculum.

Ellen is very enthused about her new “energetic, dynamic, and progressive” home. She was attracted to the University of Delaware for its forward thinking and creative problem solving. She admires the unification of the staff and faculty who work toward the common goal of creating a feel-good environment for their students to thrive. She wants to work with this energetic drive of the UDPT community to maintain constant improvement in keeping the University of Dela-

ware at the forefront of the ever progressing field of Physical Therapy.

With the expansion of the program moving in the near future to the new Chrysler facility, Ellen would like to see the program utilize new and exciting technology, while still retaining the quality of education for each of its students. She would like to see the program develop its use of telecommunication and interactive software while still retaining its humanitarian emphasis. Dr. Wruble is a big proponent of working with Standardized pa-

tients and the students’ ability to develop as clinicians early on in the Integrated Clinical Experiences.

UD has always produced top-notch clinicians that are exceptionally well-prepared to enter the work force. This is a great source of pride for the UDPT program, and Dr. Wruble is committed to helping the students excel in the field of Physical Therapy. As the world of healthcare changes and develops, UDPT and Ellen will be ready!

DEPARTMENT NEWS

2010 New Hires, Professional/Staff Promotions, Retirements

New Hires:

Professional Staff:

Ellen Wruble Hakim, PT, DScPT, MS, CWAS, FACCWS,
Director, Doctorate in Physical Therapy Program
LaVonne Sumler, Sponsored Program Coordinator

Salaried Staff:

Elaine Young, Staff Assistant– Clinical Education
Ruby Carey, Medical Services Representative

Clinical Staff–Front Desk:

Jeanne Wojnarowski, Records Analyst/Coordinator

Faculty:

Samuel C.K. Lee, PT, MPT, PhD, Assistant Professor
Joseph Zeni, PT, PhD, Assistant Professor

Residents:

Christine Ross—Geriatrics
Kurt Gengenbacher—Sports
Mat Failla—Sports
Anna Shovestul (UDPT grad)—Orthopedics
Mary Felix– Geriatrics

Promotions:

Cyndi Haley
Stacie Larkin
Laura Schmitt
Martha Callahan
Leigh Shrewsbury

Moving On:

Residents:

Ross Haley (geriatrics)
Anthony Carroll (orthopedics)

Clinical Staff-Front Desk

Sasha Quintana

Retirements:

Dr. Paul Mettler
Dr. Irene Davis

Two UDPT Professors Retiring to the North and the South

This Fall, UDPT bid farewell to two professors who had been staples in the Department for over 20 years. Both of these professors were also the first to welcome DPT 1 students to the program, Dr. Mettler meeting us during our first summer here for Clinical-Gross Anatomy, and Dr. Davis in Biomechanics during our first fall.

Dr. Paul Mettler

Dr. Paul Mettler retired from the University of Delaware Physical Therapy Department and moved on to a warmer climate. He, his wife and the famous dachshunds, have relocated to Florida, where he is now teaching Anatomy and Neuro-anatomy at the University of Northern Florida. He continues to referee lacrosse games and can be seen jogging along the beach which is only 6 minutes from his new home. When reflecting on his time at the University of Delaware, he mentions that his favorite memories are of watching students learn, graduate, and then seeing them later on to find

out what they've been up to post-UDPT. He had a few pearls of wisdom for current and future PT students; "You're just beginning to learn here, and you have so much to learn. Whether or not you buy in to whatever you learn here, buy in to the best clinical practice"

Just a few days before his departure, Dr. Mettler conveyed the following, "I had a good time here (at UD) and worked with incredible people. Keep moving the department forward, and nobody should ever lose sight of why we're here (for the students)."



Dr. Mettler and his wife Joan and their dogs enjoying the holidays.

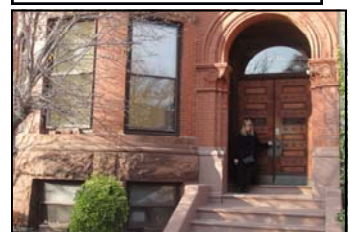
Dr. Irene Davis

Unlike Dr. Mettler, Dr. Irene Davis, UD's resident bare-foot running expert, has moved up north to colder weather. She and her husband have relocated to Boston, Massachusetts. Two years ago, Dr. Davis had a vision. She imagined a top-notch running center where athletes could be evaluated and treated, while just down the hall, cutting-edge research was being done on the biomechanics of running and the prevention of injury. Clients would have the opportunity to be patients in a clinic run on the premise of evidence-based practice, but also to be subjects in on-going running studies. Her vision is becoming a reality, as she begins to develop and direct the *Spaulding National Running Center*, whose home is at Harvard University in Massachusetts. When asked "why Boston?", Dr. Davis states that it is a "rich environment for science, medicine and runners", making it the perfect location for the

Spaulding National Running Center. She is a New England native and will also be much closer to her beloved Red Sox.

When asked what she will miss most about the UDPT program, she replies without hesitation, "the people"! She always loved her daily interactions with PT students and working with her colleagues, many of whom she had worked with for 22 years. She too had a few words of advice for students – "Always keep a thirst for knowledge and always be life-long learners." She fully recognizes that all of the opportunities she will have at Harvard are because of the opportunities that she was given while at the University of Delaware. Her parting words on UDPT? "Delaware will always be a part of me."

Dr. Davis outside her new home in Massachusetts.



DEPARTMENT NEWS

Dr. Galloway Continues to Contribute to the World of Infant Mobility

Dr. Cole Galloway's nationally recognized work on early mobility and children with disabilities continues to grow and affect the lives of many. "Infants with Cerebral Palsy, Spina Bifida, and a range of bone and joint disorders can have mobility limitations that disconnect them from the ongoing exploration enjoyed by their peers. But we've found that early improvement of mobility can lead to the enhanced cognitive and social interactions that are critical to human development" says Galloway. Many are skeptical of the idea of infants driving robots but the families and children affected by this work have seen huge improvements in their lives.

Dr. Galloway has been widely recognized for his ground breaking work with infant mobility, including winning the Research Award from the Pediatrics Section of the American Physical Therapy Association in 2010. Amy Meyer, PT, ATP, and pediatric and standing specialist with Permobil Inc states, "Given the knowledge we have on how independent mobility improves critical areas of development such as vision, spatial awareness, and psychosocial interactions. We need scientific research, like that

being done at the University of Delaware, to validate that infant and young children can use and benefit from power mobility devices implemented into their daily lives at an early age." Dr. Galloway has been performing this research on early mobility for many years now along with partner Dr. Sunil Agrawal, of the Department of Mechanical Engineering and has documented several success stories of the families and children that have been involved in his research.

Until recently, these mobility devices or power chairs, were assembled one at a time at UD, thus limiting the availability to the community. Recently, however, a smaller version of the power chair which easily converts to a walker for the transition to independent mobility has been developed that is far easier to transport. Dr. Galloway is "currently awaiting delivery of several 20-pound devices built according to their (Galloway and

Agrawal) specifications by Automated Research Group in Bear, Delaware." Hopefully, the several units currently in pre-schools and homes will be joined by many more devices with this recent development.

However, several challenges still do exist with this goal of spreading power chairs to the many babies who would benefit from use of a mobilization device. A business model is necessary to make these chairs en masse that are affordable to the public. Also, getting them to

clinics and facilities where PTs can be trained to teach these young children how to get around is essential. The success experienced by a few could now be brought to the many children in desperate need of this crucial tool for development.

Galloway believes "that the freedom to move where we want, when we want, is part of the joy of life. Independence and independent mobility is a human right." Galloway could use the help of alumni to bring this belief to fruition. He has loved bringing in experienced clinicians to join his staff in the development of these chairs. He has also appreciated both creative and business input to make his dream of providing these chairs to the masses a reality. Galloway exclaims "early mobility is when cognition, perception, socialization, and language development all skyrocket," leading the call for these devices to be brought to the children of the Nation.

Special Thanks to the following for their input on this article: Diane S. Kukich and Dr. Cole Galloway



One of the new prototypes infant power chairs currently being made



ALUMNI WEEKEND

2011

For more information or to register, visit

<http://www.udconnection.com/reunionweekend>

Friday, June 3

4-7PM College of Health Sciences Alumni Reception—Daugherty Hall (Free but please register!!)

Saturday, June 4

9AM Blue Hen 5K Run/Walk

3-4PM or 4:30-5:30 Eat Smart for a Healthy Heart Cooking Demo

The DPT Class of 2006 will be celebrating their 5 Year Reunion in conjunction with the University's Alumni Weekend, June 3rd-5th 2011. Please save the date and plan to head to Newark to catch up with your classmates! Stay tuned for email updates on reunion details. If you did not receive the initial class email or if you have any planning ideas, please contact Grace Keenan at gkeenana@udel.edu.

UD INTEGRATED CLINICAL EXPERIENCE UPDATES

Clinical Services & Sports/Orthopedic (SO) Update Written by Dr. Tara Manal



Teonette Velasco practices special tests for the spine on recent grad Jessie Haurly.

The Sports and Orthopedics clinics hosted international visitors this year. A student from Bogota, Columbia completed a 3 month rotation experiencing fast paced musculoskeletal evaluations with a healthy dose of Newark life. She shared with our students in Rounds the alternate reality for physical therapy in Bogota where most treated injuries are violence and vehicle accidents and patients are treated at big cities for 1-2 weeks and then return to more remote areas to progress independently- She challenged us all to consider that level of a home program! A physio from Milan, Italy also spent 2 weeks in the clinic

learning spine and electrical stimulation interventions to bring home to the Isokinetic clinics in Italy. We enjoyed the collaboration and we were happy that the Associate Director of Sports Airelle Hunter Giordano was able to return the favor by presenting a collaborative project with the Isokinetic staff at their Annual conference in Bologna, Italy in March.

When not hosting visitors and supervising students, our clinical staff has been very busy writing monographs for the Orthopedic Section of the APTA on Performing Arts in Figure Skating and Gymnastics, ACL Rehabilitation and Total Knee Rehabilitation and chapters on the Patellofemoral joint and Shoulder, and presenting 2 international presentations on the spine and knee and over 35 national presentations on areas of expertise in sports and orthopedic rehabilitation this year. We continue to have resources on our web site for rehabilitation guidelines that are continuously being updated and journal club topics and resources that may be of interest to some of you. Check out the clinic tab under the department web site for links (www.udel.edu/PT). We continue to treat patients in the University and surrounding com-

munity including multiple research projects on low back pain in the Elderly, ACL, TKA and electrical stimulation. One of us is always there from 8 AM to 8 PM each day and as you well know, students are there even later! So if you have a chance to stop by we would love to say hello!

Residency Corner: Our Sports and Orthopedic Residency programs received re-credentialed status at CSM 2011 in New Orleans. We have also developed a collaborative Neurologic Residency with John's Hopkins Medical Center that is currently enrolling the first residency candidate. The joint UD-John's Hopkins program provides a unique blending of the resources at both institutions to train the next generation of Neurological Specialist. Our own double alumnus Jesslyn Ciampa (UD DPT and UD Geriatric Residency Graduate) is the Hopkins director for this program along with Grace Keenan, DPT on the UD side. Please feel free to contact either director for further information and most importantly please direct excellent candidates to them for further information. The contact for the Geriatric Residency program is Tara Manal at Tara-rajo@udel.edu, Orthopedic Residency is Karla Bell at karlab@udel.edu and Sports is

Airelle Hunter-Giordano at ao-hunter@udel.edu. We appreciate all those excellent candidates recommended by our own UDPT alumni so keep them coming. Our recent graduates included Anthony Carroll (UD DPT) who finished his Orthopedic Residency and is continuing his training as a Manual Therapy Fellow at Kaiser in LA and Ross Haley (UD DPT) completing his Geriatric Residency.

Residency Graduates received Specialty Certification: **Doug Adams** (UD DPT and UD Sports Residency) passed the SCS exam, **Jen Flug** (UD DPT and UD Ortho Residency), and **Teonette Velasco** (UD Ortho Residency) passed the OCS and **Kelly Danks** (UD Geriatrics Residency) passed the GCS exam and were all honored at CSM in New Orleans 2011. They were joined by **Angela Hutchinson Smith** who after her marriage in the fall also received her second specialty in Orthopedics at CSM.

Tara Jo Manal, PT, DPT, OCS, SCS,
Director of Clinical Services

Neurologic and Older Adult (NOA) Clinic Written by Dr. Cathy Ciolek

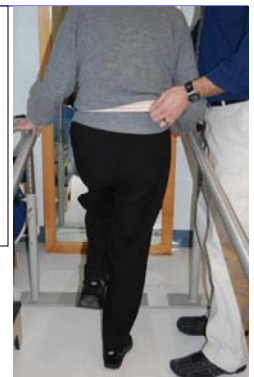
The NOA Clinic continues to train our students and serve the Delaware community for patients with neurologic or geriatric based impairments. We continue to work with a variety of patient types including some of the research studies

regarding patients post TKA, low back pain and stroke. We are happy to have graduated UD alumni **Ross Haley**, PT, DPT this past February and welcome **Christy Ross**, PT, DPT as our newest Geriatric Resident with us through July, 2011.

Our Journal Club continues to meet on the third Tuesday of every month now at 7:30 am. Articles are posted on the UDPT website under clinical services/journal clubs.

Cathy Ciolek, PT, DPT, GCS
Associate Director NOA Clinic

A UDPT student works with a patient in NOA to improve balance.



UD INTEGRATED CLINICAL EXPERIENCE UPDATES

Pediatric Clinic Written by Dr. Tracy Stoner

The pediatric clinic continues to offer physical therapy services to children from birth to 13 years of age across multiple natural environments. In addition to providing services for families and children the pediatric clinic offers clinical education opportunities to many 2nd year DPT students during their pediatric integrated clinical experi-

ence. The pediatric clinic also allows opportunities for the integration of clinical practice and research particularly with Dr. Cole Galloway's Early Infant Mobility Project. If you have any questions about the pediatric clinic please feel free to contact us at (302) 831-8893.

**Tracy Stoner, PT, DPT, PCS
Pediatric Physical Therapist**



Tracy at work with a child at the Early Learning Center.

Stroke Clinic Written by Dr. John Scholz



Dr. Scholz demonstrates evaluation and treatment techniques for stroke patients on recent UDPT graduates.

The mission of the University of Delaware's Stroke Assessment Clinic is to provide comprehensive evaluations, exercise recommendations and referrals for individuals who have suffered a stroke, who no longer receive therapy, and who would like to determine if they would benefit from additional treatment. The Stroke Clinic is designed for the additional purpose of fostering the

academic mission of the Department of Physical Therapy to advance physical therapy practice through the integration of education, clinical practice and research.

The clinic is run by physical therapy student volunteers under the supervision of Dr. John Scholz, faculty advisor. UD Stroke Clinic has not been meeting due to the lack of interest from patients. Therefore, we no longer have regu-

larly scheduled sessions. This may change in the future if there is more interest. In the meantime, if you know of persons post-stroke who are no longer receiving treatment and would benefit from a re-evaluation, please have them contact Mrs. Karen Setting at 831-8521 to schedule an appointment.

**John Scholz, PT, PhD
Director of Stroke Clinic**

Multiple Sclerosis Assessment Clinic Written by Dr. Cathy Ciolek

The University of Delaware MS Assessment Clinic continues to provide free, multi-disciplinary evaluations to persons battling Multiple Sclerosis. After performing a complete neurological and musculoskeletal evaluation, second-year

Physical Therapy students provide each participant with an individualized home program. The clinic welcomes referrals from community practitioners who have patients/clients who would benefit from participating in the clinic. If you have a client who has MS and would

benefit from participation in the MS Assessment Clinic, please have them contact Cathy Ciolek at 302-831-0138.

**Cathy Ciolek, PT, DPT, GCS
Associate Director NOA Clinic**



Second year students perform an evaluation on a patient at the MS Assessment Clinic.

2010 HONOR ROLL OF DONORS

We gratefully acknowledge the following alumni and friends for their financial contributions and the encouragement their support represents. This Honor Roll includes gifts contributed to the Department and recorded throughout the 2010 calendar year.

Every effort has been made to assure accuracy of this report. Please notify our Department of any errors or omissions, and please accept our apologies for any discrepancies. For information on how to make a contribution, please contact the Physical Therapy Department at pt-admissions@udel.edu or call 302-831-4576.



Thank You!!!

Joseph F. and Jacqueline E. Ader	Charlene R. Goggin	Chad A. Pattee
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	Dexter J. and Aida A. Pasternak	

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FACULTY: AWARDS & DEGREES CONFERRED AS WELL AS GRANTS & PUBLICATIONS IN 2010



KARLA BELL PT, DPT, MS, OCS, Director, Orthopaedic Physical Therapy Clinical Residency Program, Associate Director of Orthopaedic Physical Therapy, Assistant Professor.

Publications

Bade M, PT, MPT, FAAOMPT; Bell KA, PT, DPT, OCS; Stevens-Lapsley J, PT, MPT, PhD; and Manal T, PT, DPT, OCS, SCS. Surgical Management and Rehabilitation of Knee Arthroplasty. APTA Monograph (2010).



STUART BINDER-MACLEOD, PT, PhD, FAPTA, (Medical College of Virginia), Edward L. Ratledge Professor and Chair of Physical Therapy: Effects of electrical stimulation parameters on muscle performance.

Publications

Perumal R, Wexler AS, Jancosko A, Laufer A, Binder-Macleod SA. A phenomenological model that predicts forces generated when electrical stimulation is superimposed on submaximal volitional contractions. *Journal of Applied Physiology* 108(6):1595-604, 2010. PMID 20299613

Di Stasi SL, Macleod TD, Winters JD, binder-Macleod SA. Effects of statins on skeletal muscle: a perspective for physical therapists. *Phys Ther.* 90(10): 15 30-42, 2010.

Kesar TM, Perumal R, Reisman DS, Rudolph KS, Higginson JS, binder-Macleod Sa. Novel patterns of functional electrical stimulation have an immediate effect on dorsiflexor muscle function during gait for people post-stroke. *Physical Therapy*, 90:55-56, 2010. PMC2802826.

Grants

Delaware Health Sciences Alliance (PI: Binder-Macleod) 11/10-____ (18 mo) Pilot Grant Award—Relationships Between Cortical Motor Organization and Response to Exercise Interventions in Children with Cerebral Palsy. (\$75,000)

NIH 1R01NR010786 (PI: Binder-Macleod) 9/12/07 - 5/31/12 Fast Treadmill Training/Functional Electrical Stimulation to Improve Walking. \$2,800,000

NIH P20 RR1658 (PI: Buchanan) 6/1/07 - 5/31/12. Center for Biomedical Research Excellence (COBRE) for Women in Science and Engineering on Osteoarthritis. Role: Co-investigator. \$2,100,000 direct/year

NIH R01 PAR-060459 8/15/08 - 7/31/13: ~\$400,000 direct/year Robotic Exoskeletons, FES, and Biomechanics: Treating Movement Disorders. Role: Co-investigator.

NIH R01-NS055383 (PI: Higginson): 4/1/08 - 11/30/12 Muscle Morphology, Strength and Compensatory Strategies Following Stroke. Role: Co-investigator.

NIH T32-NCMRR 05/10- Training Grant—PT/PhD Predoctoral Training Program.

NIH K12-HD055935 (PI: Mueller) 9/15/07 - 8/31/12: \$4,800,000 Multi-center Career Development Program for Physical and Occupational Therapists. Role: Program Director.

Awards

APTA Section on Research's John H.P. Maley Award for Outstanding Contributions to Leadership in Research, 2010



CATHY CIOLEK, PT, DPT, GCS, (Ithaca), Associate Director Neurologic & Older Adult Clinic, Director Geriatric Clinical Residency, Co-Director of Clinical Education



JAMES (COLE) GALLOWAY, PT, PhD, (Arizona), Associate Professor: Development of infant motor behaviors, neuromotor development of reaching and novel early interventions for infants under 6 months.

Publications

BHAT, AN, **GALLOWAY, JC**, LANDRA, RJ. (2010) Social and Non-social Visual Attention Patterns and Associative Learning in Infants at Risk for Autism. *Journal of Child Psychology and Psychiatry*. 51: 989-997.

RAGONESI C, CHEN X, AGRAWAL S, **GALLOWAY JC**. (2010) Power Mobility and Socialization in Preschool: A Case Report on a Child with Cerebral Palsy. *Pediatric Physical Therapy*, 22 (3) 322-329 .

CHEN X, LIANG S, DOLPH S, RAGONESI C, **GALLOWAY JC**, AGRAWAL S. (2010) Design of a Novel Mobility Interface for Infants on a Mobile Robot by Kicking. *Journal of Medical Devices*.

BHAT A, **GALLOWAY JC**, LANDRA B (accepted). Current perspectives on motor functioning in infants and children with autism spectrum disorders. *Physical Therapy*.

Grants

12/01/06-11/30/11., *Motor learning and coordination in high risk infants*. NIH NICHD 1R01HD051748, Role: PI (12%, 1PM academic, 50%, 1.5PM summer) \$756,563 direct funds

07/01/08-6/30/10 (approved for additional no-cost extension to 06/30/11) *Robot Enhanced Mobility: The Capacity for Young Infants to Learn Real World Navigation, and Its Effect on Perception, Action and Cognition Development*. National Science Foundation: Developmental and Learning Sciences Program 0745833 Role: PI (33% summer, 1PM) \$324,910 direct funds

07/01/09-6/30/11 *Babies Driving Robots: Robot Assisted Infant Mobility*. NIH NICHD 1 R21 HD058937. Role: PI (20%, 1PM academic) \$320,427 direct funds

Awards

APTA Pediatric Section Research, Award 2010



GREGORY HICKS, PT, MPT, PhD (University of Pittsburgh), Assistant Professor: Interventions for low back pain, rehabilitation strategies focused on trunk muscle function, and understanding factors that impact body composition and physical function in older adults.

Publications

Sabol V, Resnick B, Galik E, Gruber-Baldini A, Morton PG, **Hicks GE**. Anemia and Impact on Function in Nursing Home Residents: What Do We Know? *J Am Acad Nurse Pract*. 2010 Jan;22(1):3-16. PMID: 20074191

Resnick B, **Hicks GE**, Orwig D, Yu-Yahiro J, Magaziner J. Review of the Impact of Exercise Interventions on Function Post Hip Fracture and Recommendations for Future Interventions. *International Journal of Disability, Community and Rehabilitation*. 2010; 9(1).

Shardell M, **Hicks GE**, Miller RR, Langenberg P, Magaziner J. Pattern-mixture models for analyzing normal outcome data with proxy respondents. *Statistics in Medicine*. 2010 June 30; 29(14):1522-38. PMID: 20535763

Shardell M, **Hicks GE**, Miller RR, Magaziner J. Semiparametric regression models for repeated measures of mortal cohorts with non-monotone missing outcomes and time-dependent covariates. *Statistics in Medicine*. 2010 Jun 18. [Epub ahead of print] PMID: 20564729

Sabol V, Resnick B, Galik E, Gruber-Baldini A, Morton PG, **Hicks GE**. Anemia Evaluation and Management in Nursing Home Residents. *West J Nurs Res*. 2010 Jun;32(4):447-61. PMID: 20685904

Awards, Degrees, Grants & Publications continued

Hicks GE, Miller RR. Physiological Resilience. In: Resnick B, Roberta K, and Gwyther L, editors. *The Handbook of Resilience in Aging: The Key to Successful Aging*. New York: Springer Publishing, 2010

Grants

P20 RR16458 (T. Buchanan) 01/05/09–5/31/10
NCRN \$50,000 Functional Recovery after Lumbar Spinal Stenosis Surgery: A Preliminary Study Role on Project: Principal Investigator

R37 AG009901 (J. Magaziner/M. Hochberg) 03/15/05–02/28/10
0.60 calendar (5%) NIA \$679,691 Sequelae of Hip Fracture in Men: An Epidemiologic Study Role: Co-Investigator and Rehabilitation Scientist

1 R21 HD057274-01 (G. Hicks) 07/01/08–7/31/11 1.8
calendar (15%) NICHD \$420,750
Trunk Muscle Training + NMES: Improving Function in Elders with Chronic Back Pain Role on Project: Principal Investigator

No number (G. Hicks) 11/08–present
University of Delaware, Cross College Cluster in Aging Initiative Research on Aging Grant. \$20,000 Funding to supplement ongoing project "Mechanisms of Disability in Older Adults with Chronic Low Back Pain."
Role on Project: Principal Investigator

R01 AG029315 (J. Magaziner/M. Hochberg) 03/01/07–02/29/12
0.60 calendar (5%) NIA \$531,495 The Epidemiology of Bone Strength and Muscle Composition After Hip Fracture in Men Role: Co-Investigator and Rehabilitation Scientist

No number (G. Hicks) 12/01/10–06/30/12 University
of Delaware Research Foundation, Inc. \$45,000
The Effectiveness of Hip-Focused Treatment for Older Adults with Chronic Low Back Pain

1R03HD067336 (G. Hicks) 12/01/10–11/30/12 1.8 calendar
(15%) NICH Walking Limitations and Spinal Stenosis: A Pilot Exploration of Leg Impairments Role on Project: Principal Investigator

2R01 AR048212-06 (L. Snyder-Mackler) 12/01/10–11/30/15 0.60
calendar (5%) NIAM Can Neuromuscular Training Alter Movement Patterns? Role on Project: Co-Investigator



AIRELLE HUNTER-GIORDANO, PT, DPT, SCS, OCS, CSCS (Delaware), Associate Director of Sports Physical Therapy, Sports Clinical Residency Coordinator, Sports and Orthopedic Clinic, CCCE.

Publications

Hunter-Giordano A, Pongetti-Aglietti G, Voelker S, Manal T. The Performing Artist: Artistic Gymnastics APTA Monograph 2010.



GRACE KEENAN, PT, DPT, GCS, Assistant Professor.



STACIE LARKIN, PT, DPT, MEd, (Boston University), Academic Coordinator of Clinical Education.

Awards

Joe Lucca Service Award from the Delaware Physical Therapy Association



SAMUEL LEE, PT, PhD (Delaware), Research Assistant Professor: Use of electrical stimulation to activate paralyzed or weakened muscles to improve function of individuals with central nervous system injury.

Publications

Prosser LA, Lee SCK, Barbe MF, VanSant AF, Lauer RT. Trunk and hip muscle activity in early walkers with and without cerebral palsy - a frequency analysis. *J Electromyogr Kinesiol*, 2010 Oct;20(5):851-9. Epub 2010 May 15. PMID: 20472460

Prosser LA, Lee SCK, Barbe MF, VanSant AF, Lauer RT. Muscle activation patterns for the trunk and hip muscles during walking in young children with and without cerebral palsy. *Phys Ther* 2010 Jul;90(7):986-97. Epub 2010 Apr 29. PMID: 20430948

Prosser LA, Lauer RT, VanSant AF, Barbe MF, Lee SCK. Variability and symmetry of gait in early walkers with and without cerebral palsy. *Gait Posture*. 2010 Apr;31(4):522-6. Epub 2010 Mar 24. PMID: 20338763

Grants

Shriners Hospitals for Children Grant #9159 (PI: Lee) 2008-2011. Functional Electrical Stimulation Assisted Cycling to Improve Fitness and Strength in Children with Cerebral Palsy.

National Institutes of Health. NICHD/NINR: R01HD062588 FES-Assisted Cycling to Improve Fitness and Strength In Children with CP. PI - Lee. \$2,913,039 (5 years direct and indirects).



TARA JO MANAL, PT, DPT, OCS, SCS, (Delaware), Director of Clinical Services, Physical Therapy Clinics.

Publications

Flug J, Schneider J, Greenberg E, Manal TJ. Physical Therapy for the Performing Artists: Figure Skating. APTA Orthopedic Section Independent Study Course 20.3.1 2010.

Bade M, Bell K, Stevens J, Manal TJ. Joint Arthroplasty: Advances in Surgical Management and Rehabilitation: Surgical Management and Rehabilitation of Knee Arthroplasty. APTA Orthopedic Section Independent Study Course 20.2.2 2010.

Hunter-Giordano A, Pongetti-Aglietti G, Voelker S, Manal TJ. Physical Therapy for the Performing Artists: Artistic Gymnastics. APTA Orthopedic Section Independent Study Course 20.3.3 2010.

Grants

R21 HD057274-01 (PI: G. Hicks) 07/08–6/10 Trunk Muscle Training + NMES: Improving Function in Elders with Chronic Back Pain. Role: Co-investigator \$275,000.



DARCY REISMAN, PT, PhD, (Delaware), Research Assistant Professor, Academic Director of Neurologic and Older Adult Clinic: Understanding the mechanisms of movement dysfunction following stroke, as well as how and why different treatments improve this dysfunction.

Publications

Kesar TM, Binder-Macleod SA, Hicks GE, Reisman DS. [Minimal detectable change for gait variables collected during treadmill walking in individuals post-stroke](#). *Gait Posture*, doi: 10.1016/j.gaitpost.2010.11.024, 2010.

Reisman DS, McLean H, Bastian AJ. [Split-belt treadmill training post-stroke: a case study](#). *J Neurol Phys Ther*. 34:202-7, 2010.

Grants

K01 HD050582-01A1 Locomotor Adaptations Following Stroke, \$604,015 Funding period: 4/20/06-3/31/2011. Principal Investigator: Darcy Reisman (9.0 pm), Primary Mentor, Amy Bastian, Secondary Mentor, Lynn Snyder-Mackler.

NIH 1R01NR010786-01 Fast Treadmill Training and Functional Electrical

Awards, Degrees, Grants & Publications continued

Stimulation (FastFES) to Improve Walking Post-stroke, \$2,231,992.00 Funding period: 9/12/2007-5/31/2012. Principal Investigator: Stuart Binder-Macleod, Co-Investigators: Darcy Reisman (0.45 pm), Katherine Rudolph, William Farquhar, Jill Higginson.

1R01NS055383-01A2 Muscle Morphology, Strength and Compensatory Strategies Following Stroke, \$214,461/yr Funding period: 4/1/08-11/30/12. Principal Investigator: Jill Higginson, Co-Investigators: Darcy Reisman (2.4 pm starting 7/09), Stuart Binder-Macleod, Thomas Buchanan.



KATHERINE RUDOLPH, PT, PhD, (Delaware), Assistant Professor: EMG to characterize movement strategies in people with orthopedic and neurologic conditions and the development of therapeutic equipment.

Publications

Kesar TM, Perumal R, Jancosko A, Reisman DS, Rudolph KS, Higginson JS and Binder-Macleod SA Novel Patterns of Functional Electrical Stimulation Have an Immediate Effect on Dorsiflexor Muscle Function During Gait for People Poststroke. *Physical Therapy*. Jan, 2010;90(1):55-66

Zeni J, Rudolph KS, Higginson JS. Alterations in Quadriceps and Hamstrings Coordination In Persons With Medial Compartment Knee Osteoarthritis. *J Electromyogr Kinesiol*. 2010 Feb;20(1): 148-154.

Grants

NIH P20 RR16458 (PI: Rudolph) 6/07 - 5/12. Knee Stiffness, Proprioception and Instability affect Knee Control in OA. COBRE Mentoring Women in Science and Engineering. \$200,000

NIH R01 NR010786 (PI: Binder-Macleod) 9/12/07 - 5/31/12. Fast Treadmill Training & Functional Electrical Stim to Improve Walking Post-stroke. Role: Co-investigator. \$2,231,992



LAURA SCHMITT, PT, DPT, OCS, SCS, ATC, (Temple), Academic Coordinator of Clinical Education



JOHN SCHOLZ, PT, PhD, (Connecticut), Professor: Study of basic processes of motor coordination and control, including movement dysfunction in patients with problems affecting the central nervous system.

Publications

Latash, ML, Levin J, Scholz JP, Schöner G (2010). Motor control theories and their applications. *Medicina*, 46(6): 382-392.

Noehren B, Scholz JP and Davis I (2010). The effect of real-time gait retraining on hip kinematics, pain and function in subjects with patellofemoral pain syndrome. *British Journal of Sports Medicine*. Doi: 10.1136/bjism.2009.069112.

Kim SH, Banala S, Agrawal SK, Krishnamoorthy V, Scholz JP (2010). Gait adaptation in healthy adults using robot-assisted training. *Experimental Brain Research*, 202(4): 809- 24.

Freitas SMSF, Scholz JP, Latash ML (2010). Analyses of joint variance related to voluntary whole-body movements performed in standing. *Journal of Neuroscience Methods*, 188(1): 89-96.

Freitas SMSF, Scholz JP (2010). Comparison of methods for identifying the Jacobian for uncontrolled manifold variance analysis. *Journal of Biomechanics*, 43: 775-777.

Gera G, Freitas SMSF, Latash ML, Monahan K, Schöner G, Scholz JP (2010) Motor abundance contributes

Grants

National Institutes of Neurological Diseases and Stroke, Principal Investigator. **Title:** Coordination of reaching in healthy adults and stroke. **Period:** January 1, 2005 - December 31, 2010 (5-NS050880-02)

National Science Foundation; **Title:** Multijoint estimation and control of upright posture. **Period:** June 15, 2010 - June 14, 2012. **Role:** Principal Investigator; Collaborator: John Jeka, University of Maryland (BCS-0957920).

National Center for Research Resources (INBRE Program). **Title:** A Wearable Exoskeleton for Functional Arm Training of Stroke Survivors, **Period:** September 2009 - August 2011, **Role:** Co-investigator with Sunil Agrawal and Jill Higginson; (3P20RR016472-09S4).

National Center for Medical Rehabilitation Research. **Title:** Robotic Exoskeletons, FES, and Biomechanics: Treating Movement Disorders (2R01HD038582-06A1). **Role:** Investigator on this multi-investigator grant; July 2008 - June 2012; PI: Sunil Agrawal (2R01HD038582-06A1).

National Institutes of Health. Subcontractor. **Title:** Organization of a simple synergy; PI: Mark Latash, PhD, Department of Kinesiology, The Pennsylvania State University. **Grant Period:** February 2002-January 2011. (2286-UD-DHHS-5032)



ANGELA SMITH, PT, DPT, OCS, SCS, ATC, Faculty Member of Sports, Orthopedic, and Geriatric Residency Programs, Assistant Professor.



LYNN SNYDER-MACKLER, PT, ScD, FAPTA, (Boston University), Alumni Distinguished Professor: Examination of rehabilitation protocols following ACL reconstruction, examining rehabilitation following ACL injury, osteoarthritis, high tibial osteotomy, and total knee Arthroplasty.

Publications

Alnahdi AH, Zeni JA, Snyder-Mackler L. Gait after unilateral total knee arthroplasty: Frontal plane analysis. *J Orthop Res*. 2010 Dec 23. [Epub ahead of print] PubMed PMID: 21184513.

Mizner RL, Petterson SC, Clements KE, Zeni JA Jr, Irrgang JJ, Snyder-Mackler L. Measuring Functional Improvement After Total Knee Arthroplasty Requires Both Performance-Based and Patient-Report Assessments A Longitudinal Analysis of Outcomes. *J Arthroplasty*. 2010 Sep 17. [Epub ahead of print] PubMed PMID: 20851566; PubMed Central PMCID: PMC3008304.

Eitzen I, Moksnes H, Snyder-Mackler L, Risberg MA. A progressive 5-week exercise therapy program leads to significant improvement in knee function early after anterior cruciate ligament injury. *J Orthop Sports Phys Ther*. 2010 Nov;40(11):705-21. PubMed PMID: 20710097.

Petterson SC, Barrance P, Marmon AR, Handling T, Buchanan TS, Snyder-Mackler L. Time course of quad strength, area, and activation after knee arthroplasty and strength training. *Med Sci Sports Exerc*. 2011 Feb;43(2):225-31. PubMed PMID: 20543749.

Logerstedt DS, Snyder-Mackler L, Ritter RC, Axe MJ; Orthopedic Section of the American Physical Therapy Association. Knee pain and mobility impairments:meniscal and articular cartilage lesions. *J Orthop Sports Phys Ther*. 2010 Jun;40(6):A1-A35. Review. Erratum in: *J Orthop Sports Phys Ther*. 2010 Sep;40(9):597. PubMed PMID: 20511698.

Awards, Degrees, Grants & Publications continued

Laufer Y, Snyder-Mackler L. Response of male and female subjects after total knee arthroplasty to repeated neuromuscular electrical stimulation of the quadriceps femoris muscle. *Am J Phys Med Rehabil.* 2010 Jun;89(6):464-72. PubMed PMID: 20489392.

Zeni JA Jr, Axe MJ, Snyder-Mackler L. Clinical predictors of elective total joint replacement in persons with end-stage knee osteoarthritis. *BMC Musculoskelet Disord.* 2010 May 6;11:86. PubMed PMID: 20459622; PubMed Central PMCID: PMC2877653.

Zeni JA Jr, Snyder-Mackler L. Preoperative predictors of persistent impairments during stair ascent and descent after total knee arthroplasty. *J Bone Joint Surg Am.* 2010 May;92(5):1130-6. PubMed PMID: 20439658; PubMed Central PMCID: PMC2859903.

Eitzen I, Moksnes H, Snyder-Mackler L, Engebretsen L, Risberg MA. Functional tests should be accentuated more in the decision for ACL reconstruction. *Knee Surg Sports Traumatol Arthrosc.* 2010 Nov;18(11):1517-25. Epub 2010 Apr 22. PubMed PMID: 20411377.

Logerstedt DS, Snyder-Mackler L, Ritter RC, Axe MJ, Godges JJ; Orthopaedic Section of the American Physical Therapist Association. Knee stability and movement coordination impairments: knee ligament sprain. *J Orthop Sports Phys Ther.* 2010 Apr;40(4):A1-A37. PubMed PMID: 20357420.

Hartigan EH, Axe MJ, Snyder-Mackler L. Time line for noncopers to pass return-to-sports criteria after anterior cruciate ligament reconstruction. *J Orthop Sports Phys Ther.* 2010 Mar;40(3):141-54. PubMed PMID: 20195019.

Eitzen I, Eitzen TJ, Holm I, Snyder-Mackler L, Risberg MA. Anterior cruciate ligament-deficient potential copers and noncopers reveal different isokinetic quadriceps strength profiles in the early stage after injury. *Am J Sports Med.* 2010 Mar;38(3):586-93. Epub 2010 Jan 28. PubMed PMID: 20110458.

Zeni JA Jr, Snyder-Mackler L. Most patients gain weight in the 2 years after total knee arthroplasty: comparison to a healthy control group. *Osteoarthritis Cartilage.* 2010 Apr;18(4):510-4. Epub 2009 Dec 21. PubMed PMID: 20060949; PubMed Central PMCID: PMC2846226.

Zeni JA Jr, Snyder-Mackler L. Early postoperative measures predict 1- and 2-year outcomes after unilateral total knee arthroplasty: importance of contralateral limb strength. *Phys Ther.* 2010 Jan;90(1):43-54. Epub 2009 Dec 3. PubMed PMID: 19959653; PubMed Central PMCID: PMC2802824.

Stevens-Lapsley JE, Petterson SC, Mizner RL, Snyder-Mackler L. Impact of body mass index on functional performance after total knee arthroplasty. *J Arthroplasty.* 2010 Oct;25(7):1104-9. Epub 2009 Oct 30. PubMed PMID: 19879722; PubMed Central PMCID: PMC2891410.

Grants

NIH - 5R01AR046386-08 (PI: Buchanan) 6/1999 - 5/2012. ACL Deficient Knee: MRI and Biomechanical Modeling. Role: Co-investigator

NIH R01 HD37985 (PI: Snyder-Mackler) 3/01/01 - 6/30/11 Dynamic Stability in the Anterior Cruciate Ligament Injured Knee.

NIH 1K01HD050582-01A1 (PI: D.Reisman) 4/20/2006 - 3/31/2011 Locomotor Adaptations Following Stroke. Role: Co-Mentor.

NIH-5P20RR016458 (PI: Snyder-Mackler, Buchanan) 2/1/07 - 1/13/12. COBRE for Women in Science and Engineering on Osteoarthritis. Joint Loading and the Progression of Osteoarthritis following TK A

DYNAMIC PERTURBATION TRAINING SYSTEM FOR ACL REHABILITATION, a Small Business Innovation Research grant from the NIH for a collaboration with SIMBEX, LLC, for \$172,424 for the first year AND

CAN NEUROMUSCULAR TRAINING ALTER MOVEMENT PATTERNS?, a five year grant from the NIH (NIAMS) for \$400,000.00 per year for 5 years

Awards

Dr. Snyder-Mackler received two awards for Best Paper



ELLEN WRUBLE, PT, DScPT, MS, CWS, FACCWS, Director, Doctorate in Physical Therapy Program, Associate Professor

Publications

Gorman, S.L., **Hakim, E.W.**, Johnson, W., Bose, S., Harris, K.S., Crist, M.H., Holtegreffe, K., Ryan, J.M., Simpson, M.S., Coe, J.B., "Nationwide Acute Care Physical Therapist Practice Analysis Identifies Knowledge, Skills, and Behaviors That Reflect Acute Care Practice," *Physical Therapy*, October, 2010; 90 (10): 1453 - 1467.



JOSEPH ZENI, JR, PT, PhD (Delaware), Assistant Professor.

Publications

Zeni J, Rudolph K and Higginson JS. (2010) *Alterations of quadriceps and hamstring coordination is present in persons with medial compartment knee osteoarthritis.* *Journal of Electromyography and Kinesiology.* 20(10): 148-54. doi:10.1016/j.jelekin.2008.12.003

Zeni J, Snyder-Mackler, L. (2010) *Early Post-operative function predicts long term outcomes after total knee replacement: The importance of contralateral limb strength.* *Physical Therapy Journal.* 80(1): 43-54 doi:10.2522/ptj.20090089. (**Rose Excellence in Research Award Paper**)

Zeni J, Snyder-Mackler, L. (2010) *Most Patients Gain Weight in the Two Years After Total Knee Arthroplasty: Comparison to a Healthy Control Group.* *Osteoarthritis and Cartilage.* 18(4): 510-514 doi:10.1016/j.joca.2009.12.005

Zeni J and Higginson, JS. (2010) *Gait parameters and stride-to-stride variability during familiarization to walking on a split-belt treadmill.* *Clinical Biomechanics.* 25(4): 383-386 doi:10.1016/j.clinbiomech.2009.11.002

Zeni J, Snyder-Mackler, L. (2010) *Pre-operative predictors of stair climbing ability after total knee replacement.* *Journal of Bone and Joint Surgery.* 92: 1130-1136 doi:10.2106/JBJS.I.00299

Grants

Principal Investigator: Pilot Project Grant from NIH P20-RR16458- Comparison of Methods of Viscosupplementation on Function and Pain in Patients with Knee Osteoarthritis *Funded 1/1/10; \$50,000 1 year, renewable*

Co-investigator: Supplemental Grant to NIH P20-RR16458 - Joint loading and the progression of osteoarthritis (successfully funded; 9/09)

Awards

Rose Excellence in Research Award: APTA 2010

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"Yesterday you pulled 8 muscles when you sneezed.
I think it's time you started exercising again."

Let's Keep in Touch!

We will continue to include a page in the Newsletter that highlights the Alumni updates we receive throughout the year. To be included: weddings, births, academic achievements, and also deaths. In addition, all alumni information received will be entered online, and organized by graduating year.

We'd like to hear from you and share your news with other alumni! Please mail this completed form to: Cyndi Haley, 301 McKinly Lab, University of Delaware, Physical Therapy Department, Newark, DE 19716, or fax to (302-831-4234). You may also e-mail us your news at: www.udel.edu/PT/alumni/updatenews.html

Photos are welcome.

FULL NAME: _____

first

middle

(maiden)

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