MESSAGE FROM THE CHAIR

Greetings once again,

I first want to thank my assistant, Cyndi Haley, and two of the Department’s graduate assistants, Jessie Haury and Jen Tola for all of their hard work in putting together this year’s Newsletter. I think they did a great job! I also want to thank all of the contributors for taking time out of their busy schedules and sharing their perspectives and information with all of us.

The stated mission of the Doctor of Physical Therapy Program at the University of Delaware is “to advance physical therapy practice through the integration of education, clinical practice and research. We foster critical thinking, lifelong learning and appreciation of diversity using an evidence–based curriculum, on–site physical therapy practice clinics and state of the art research.” In looking back on this past year, I am very pleased to note that the Department has continued to grow and I believe that we are doing a great job of serving our mission. Our students are recognized as being some of the best trained PT students in the nation, our clinics and the clinical staff continue to receive awards and acknowledgements, and our faculty publish in the best journals and receive the most competitive grants in the nation.

In addition to growth, this past year has brought about many changes. As many of you already know, Ken Seaman, our long time ACCE and graduate of this program retired this past year. We wish Ken the best and certainly miss his presence around the Department. Laura Schmitt and Cathy Ciolek have reduced their clinic hours and have joined Stacie Larkin as our Directors of Clinical Education. In addition, as you will read within our clinic updates, we have also had to say goodbye to PTs Megan Schaefer and Mandy Merritt and have welcomed Grace Keenan, Angela Hutchinson, and Tracy Stoner to the Department. Grace, Angela, and Tracy are all graduates of our program and we are thrilled to have them back.

Finally, I would once again 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 much appreciated and adds significantly to the opportunities we can offer our students.

Best wishes for a happy and healthy year,
Stuart A. Binder-Macleod, PT, PhD, FAPTA
Edward L. Ratledge Professor and Chair
Congratulations DPT Class of 2007!

Listed Alphabetically:

Message from Janelle Cannon, Vice President of the Class of 2007:
January 5th marked the end of one journey and the start of a new one for us! The past two and a half years we have grown as individuals and together as a cohesive group. Although we are all going our separate ways, we will always know that we have an amazing support network in our classmates that started our first day of class, and that will last a lifetime. Thank you to the UDPT faculty and staff for their time, knowledge and support that has led us to be the therapists we are today. We would also like to thank our family and friends that supported us in multiple ways throughout the program and for sharing our special day with us.

To the graduating class:
- Faculty Award: to Julienne Rose Sinkosky for exemplary qualities of integrity, cooperation, initiative and leadership in the UDPT program.
- Director’s Award: to Melissa Jean Ronan for special contributions to the UDPT program.
- Scholarship Award: to Melissa Jean Ronan & Tiffany Sue Strawn for a high level of scholastic achievement in the UDPT program.
- Charles B. Barker, Memorial Award: Elizabeth Bauske; award donated by Chuck Barker, UD PT alumnus, in memory of his father Dr. Charles Barker.

To Alumni:
- Cossoy Award: to Jie Yang for extraordinary contributions of time and effort to the UDPT program.
- Catherine Dozer Kohlenstein Clinical Educators Award: to Ann Morrison, for outstanding contributions to the clinical education of UD students.
- Alumni Award: to Timothy Crunk who made outstanding contributions to the Physical Therapy Department.

Also the Sports Fellowship Award was presented to Sarah DeBroka, the Orthopedic Fellowship Award was presented to Megan Sions, and the Geriatric Fellowship Award was presented to Angela Robertson for completion of the Physical Therapy Residency Programs.
Moving along... Class of 2008  Written by: Doug Adams, SPT

As the class of 2008 has moved into our second year we have found great success and increasing challenge. The class has had their first full time clinical experience in the Acute Care setting this summer, and has begun their part time clinical experiences in the Sports & Ortho and NOA clinics. It has been a great experience to begin using all the information we have learned inside the classroom in a real-world situation.

We have been just as busy outside of the classroom as inside. Our Pitt-Marquette fundraising efforts have awarded us honorable mention for the third year in a row. The University of Pittsburgh has decided to withdraw from the competition after ten years of winning, so look for UDPT to step up their fundraising efforts. Plans for fundraising include a continuing education course that will be occurring late Spring or early Fall 2008. The class of 2008 has also been very involved in APTA conferences with over 20 people from the class attending both CSM in Boston and NSC in Valley Forge. We thank the DPTA for offering funding to help students with travel and registration for the NSC!

Fundraising and charity has been a large focus in the past year as well. We have continued to run the MS and Stroke clinics which have both shown tremendous success. Students have also participated in: Relay for Life, work with Special Olympic athletes, volunteering with children at Al Dupont, Thanksgiving Food drive with over 400lbs of food, and massages at MS Bike to the Bay. This past fall, along with the class of 2007 and 2009, we also helped to raise over $4,000 for a UDPT student who was recently diagnosed with Ulcerative Colitis.

Time Flies...Class of 2009  Written by: Chris Runkle, SPT

"Whoa!" So you are telling me we are about to release the class list of UDPT 2010? This is the reaction of many students from the class of 2009, including myself when realizing that we are already almost done our first year of the program.

As our first year got underway back in June of 2007, we jumped in quickly with the Gross Anatomy course led by Dr. Mettler. We spent our first six weeks learning everything we could about human anatomy, and we also had the chance to learn a lot about our classmates. Between the many hours spent in cadaver lab, osteology lab, and lecture, we learned not only about our classmates’ personalities, but also about their bony abnormalities.

Our first Fall semester was a learning experience for both our class and the faculty. We took on a course schedule that was heavier than any Fall year 1 before due to some changes in the curriculum. While we spent many hours in the classroom, we continued to grow as a class and had the chance to interact with the full spectrum of distinguished faculty here at UDPT. As exhausted as we all were, while welcoming the Christmas break, the fall was a great start to our time here at UDPT.

Now that the class of 2009 is turning the last corner of our first year as Physical Therapy students, I am glad to report that we have begun to fill the big shoes of our predecessors. We now have many students treating patients in the University of Delaware clinic, an experience that you and we both know is a memorable one. Both the APTA student conclave in Valley Forge, PA and the APTA CSM in Nashville, TN saw a great turn out from the first year class from UD. I must say, the thirteen hour drive was well worth it when we got the chance to learn a good ol’ line dance with our classmates in the heart of country music’s most notable city!

We continue to strive for excellence both academically, and in the community, by always looking to add on new service learning opportunities. Events such as the Multiple Sclerosis Bike to the Bay, Multiple Sclerosis Clinic, and Newark Community Day continue to play a large role in our experience here at UDPT. We have also continued the tradition of helping numerous people/patients who have requested assistance from our program.

To sum it all up, we must reflect back on the opening statement, “Whoa!” As our class prepares to enter the second year of our experience at UDPT, we slowly but readily prepare to turn over our throne as the “first years” and fill the crown as the “second years”. As we look back on the first year, we realize that we have so many great experiences and have learned a wealth of useful information in our time here so far. We now continue our journey with great excitement about our next steps towards our promising future as Physical Therapists from the University of Delaware.
Timothy Crunk, PT, MS, OCS, CFMT, FAAOMPT

Recipient of the 2007 Alumni Award

Timothy Crunk graduated from the University of Delaware with a B.S. degree in Physical Therapy in 1990. Since that time he has completed numerous continuing education courses in the area of Orthopaedic Manual Therapy and Sports Medicine. He received his Certification as a Strength and Conditioning Specialist in 1993 and completed his Manual Therapy Certification at Ben-El Therapeutics in Patchogue, NY under the direction of Jeffrey J. Ellis, MS, PT, MTC, FFCFMT. In August of 1999 he became a Certified Functional Manual Therapist with Distinction through the Institute of Physical Art. Mr. Crunk also completed his Advanced Masters in Orthopaedic Physical Therapy with an emphasis in Manual Therapy through Touro College in LI, NY and is a Board Certified Clinical Specialist in Orthopaedics through the American Physical Therapy Association. Mr. Crunk is also a Fellow of the American Academy of Orthopaedic Manual Physical Therapy.

Mr. Crunk teaches nationally through IMTS – Integrative Manual Therapy Solutions and the IPA – Institute of Physical Art where he is a Primary Instructor and Trainer for Lumbo-Pelvic Integration, Cervical-Thoracic Integration, Integrative Motion Diagnostics and Integrative Prescriptive Exercise. He serves as Vice President of the board and an examiner for the Functional Manual Therapy Certification offered through the Institute of Physical Art.

Mr. Crunk and his wife Cindy and children Ashley and Jonathan live in Greenville, SC where he is Owner of Crunk Physical Therapy, PC.

Marty Fontenot, PT, DPT

Recipient of the 2007 Mary McMillan Scholarship

Marty Fontenot, University of Delaware Physical Therapy Class of 2006 graduate received the 2007 Mary McMillan Doctoral Scholarship Award. The $5,000 McMillan Doctoral Scholarships are awarded to physical therapist doctoral students with outstanding potential for doctoral studies. A total of 10 doctoral students around the country received this award in 2007.

“I am very humbled by this recognition, but more importantly, I am so very proud to be representing the University of Delaware’s PT department. I truly feel that I’m not even in the discussion for this recognition if I had not attended UDPT and been able to spend 2.5 amazing years here. I want to say a very special thanks to Dr. Lucca, who spearheaded my nomination and made all of this possible.”

The Mary McMillan Scholarship is awarded by the Foundation for Physical Therapy Board of Trustees, a national, independent non-profit corporation dedicated to the goal of improving the quality and delivery of patient care.

Currently, Marty has returned to the University of Delaware to complete his Sports residency.
ALUMNI NEWS

Congratulations!
The following information was collected from those who responded to our “Let’s Keep in Touch” article from the Spring 2007 Newsletter:

Tara Jo Manal, PT, DPT, OCS, SCS
Recipient of the 2007 Signe Brunnstrom Award

Tara Jo Manal, UD Physical Therapy alumni and current Director of UD’s Physical Therapy Clinic, was awarded the 2007 Signe Brunnstrom Award for Excellence in Clinical Teaching.

This award was established in 1986 to acknowledge an individual who has made significant contributions to physical therapy clinical education through excellence in clinical teaching, has served as a role model in clinical teaching, and has demonstrated expertise in at least one area of practice to which the clinical teaching has been directed as exemplified in the professional and teaching career of Signe Brunnstrom.

Dr. Manal was presented the Signe Brunnstrom Award during the APTA’s Annual Conference in Denver last June. The APTA names one individual each year for this prestigious award.

Degrees Conferred
Katherine L. Mercer
- DPT from Medical College of Virginia Campus of Virginia Commonwealth University
- OCS Certification 2001

New Positions
Karen Liberi
- Took position teaching Women’s/Men’s health elective at the University of New England’s DPT program

*Please visit our complete listing of alumni updates online at www.udel.edu/PT/alumni/happenings.html

DEPARTMENT NEWS

Crohn’s and Colitis Foundation Fundraiser

The University of Delaware’s Physical Therapy Department hosted a fundraiser during Fall 2007 at Shaggy’s on Main Street to benefit the Crohn’s and Colitis Foundation of America (CCFA) and Elizabeth Bauske, third year DPT student, due to extensive medical bills following hospitalization during the summer.

Elizabeth began experiencing abdominal symptoms which quickly sent her to the hospital. She was soon diagnosed with a severe case of Ulcerative Colitis (UC), an inflammatory bowel disease, in which the only cure is to have her colon removed. Elizabeth initially spent 42 of 44 days in the hospital over three admissions dealing with the UC and various complications.

Throughout her extended stay in the hospital, the UD DPT students provided amazing support for her, ranging from spending time with her to taking notes for class. The fundraising event took place on October 16th to benefit both the CCFA and Elizabeth’s medical bills. The event was a huge success with many people from the department attending and several professors guest bartending! Donations came from throughout the department as well as from various people throughout the country. The students also obtained raffle prize items from willing businesses in the community to help the cause. Over $4,200 was raised, of which 50% went to both the CCFA and Elizabeth’s medical bills.

The donations from the event provided Elizabeth & her husband with tremendous assistance. She was able to graduate with her fellow classmates this past January. Currently, Elizabeth and her husband reside in Chicago, and she works as a licensed PT in orthopedics. She continues to visit with many doctors in hopes of staying healthy and in remission. Elizabeth is eternally grateful for everything the DPT students and department have done for her. The UD DPT students truly stepped up to the plate to assist a fellow student in need in the summer and fall of 2007.
**Babies Driving Robots** Article based from Neil Thomas

James (Cole) Galloway, associate professor of physical therapy, along with Sunil Agrawal, professor of mechanical engineering at the University of Delaware have combined forces to develop robot-enhanced power mobility devices which provide independent mobility for children with special needs who are unable to fully explore the world on their own. The research project, affectionately titled “Babies Driving Robots” has gained national press over the past year, from research journals and local newspaper articles to national and international television interviews such as with The Discovery Channel.

The implications of the work are clear: allowing children with mobility limitations to explore their world independently will facilitate both social and cognitive development, and allow for the daily experiences similar to that of their mobile peers. Currently, power mobility is not typically offered to these children until 5-6 years of age, severely limiting their exploration and interaction with their world, and ultimately their broader development. The reason for the delay in power mobility is largely due to the issue of safety.

“The current clinical practice is to avoid power mobility until the child can follow adult commands,” Galloway said. “Your parents didn’t wait until you followed their every command before they let you walk – they held your hand, they required you to stay near them, and alerted you to obstacles in your way. This is the way infants learn real world navigation, and it is exactly these safety features that are being built into our mobile robot.”

The first prototype, named UD1, is ringed with sensors that can determine the obstacle-free space. If the baby drives too close to an obstacle, the robot either allows the driver to bump obstacles (which is a normal part of exploration) or will take control from the infant and drive around the obstacle itself (to avoid mom’s favorite lamp). The next prototype, UD2 will build on the current technology to provide additional control to a parent, teacher, or other supervising adult. The new prototype will also have a new “training joystick” that will show the baby how to turn the robot to avoid obstacles: as the baby and robot come up to an obstacle, the robot will select a safe route around it while transmitting signals that move the joystick in the same way the robot is driving. This allows the baby to feel what the joystick motion should be to avoid such obstacles.

As the project moves on, the goal is to place multiple mobile robots with special needs infants in communities throughout Delaware and to gather data to analyze how they are used and what the children learn so that the research team can continue to make modifications towards a market-ready power wheelchair.....for babies!

“But time is of the essence because there is a baby being born right now who could use this today. That is the race we are in, so back to work.”

To see videos and read additional articles on this project, visit Dr. Galloway’s webpage @ www.udel.edu/PT/faculty/galloway_CV.html If you have questions, comments or ideas about this project, contact Dr. Galloway at jacgallo@udel.edu.

---

**Geriatric PT residency receives national credentials** Article based from UD Daily

In December 2007, the geriatric physical therapy residency program at the University of Delaware became only the second such program in the United States to receive credentialed status from the American Physical Therapy Association (APTA).

The geriatric physical therapy residency is a doctorate-level program of post-professional clinical and didactic education that seeks to advance significantly the physical therapist’s preparation as a provider of patient care services in a defined area of clinical practice.

“We are thrilled to be leading the way in residency training of physical therapists who aspire to become leaders in the field,” Tara Manal, director of Physical Therapy Clinic Services and assistant professor of physical therapy, said. “The geriatric residency at UD is only the second in the nation, and we are the only physical therapy program with three credentialed residency programs.”

Other APTA credentialed residency programs at UD are the sports residency and orthopedic residency. To become credentialed, clinical faculty members must possess several qualifications to effectively conduct the necessary activities of a residency or fellowship program, including:

- Advanced clinical skills, with at least one faculty member who is certified by the American Board of Physical Therapy Specialists in the content area;
- Expertise in teaching; and involvement in scholarly and professional activities.

All clinical faculty members at UD are certified by the American Board of Physical Therapy Specialists and mentor physical therapy residents and physical therapy students.

UD’s physical therapy clinics provide clinical education experience for physical therapy students and offer clinical research opportunities for faculty and students, while providing services to patients at UD and in local communities.
DEPARTMENT NEWS

2007 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:

- Hosted a fundraiser to assist DTP student Liz Bauske with recent medical bills and to benefit the Crohn’s and Colitis Foundation of America
- Collected can goods for the Thanksgiving food drive
- Bike to the Bay to benefit the National MS Society
- Pitt-Marquette challenge
- Relay for Life
- Clothing drive to benefit the Friendship House of Delaware
- Stroke support group/ balance assessment and training
- Scoliosis screenings at Newark Charter School
- 5K run for Scott Mackler to benefit the ALS Foundation
- MS Clinic
- Stroke Clinic
- Newark Community Day booth to educate the community about PT
- Sold tickets and worked as spotters for UD’s Field Hockey and Lacrosse games
- Volunteered in the recreation room at Al duPont Hospital for Children
- Students have also volunteered to work with various patients as a supplement to the physical therapy they are currently receiving from UD’s Clinics or as a continuation of their therapy after discharge from PT.

UD PT Department Part of History Making Training Grant

The University of Delaware, along with Washington University in St. Louis and the University of Pittsburgh, was awarded a $4,800,000 5-year grant from the NIH to help junior faculty members acquire the research skills necessary to become independent investigators in rehabilitation approaches. The grant, funded by the National Center Medical Rehabilitation Research, the National Institute of Child Health and Human Development, and the National Institute Neurological Disorders and Stroke of the National Institutes of Health (K12 HD055931) was the first of two grants ever awarded to a PT or OT program. The program is a collaboration of seven universities: three lead institutions (Washington University School of Medicine, the University of Pittsburgh, and the University of Delaware) and four partnering institutions (Emory University, The Johns Hopkins University, University of Miami, and the University of Iowa). Collectively these institutions have a rich history of developing basic and applied rehabilitation scientists. Faculty members of any accredited PT or OT program in the US can apply to become a scholar. Selected scholars will spend the first two years at one of the seven participating institutions. The last three years of the scholar training will be based at their home institution.

2007/2008 Professional/Staff Promotions, New Hires, Retirements

Promotions 2007:
Lynn McDowell promoted to Senior Records Analyst/Coordinator, Chair’s Office
Donna Moore promoted to Staff Assistant, Chair’s Office

Retirements 2008:
Kenneth Seamen, Clinical Education Coordinator

New Hires:
2007: Terri Reed, Senior Secretary, Chair’s Office
Sasha Quintana, Billing/ Front Desk, UD Clinic
Karen Rodalunas, Billing/ Front Desk, UD Clinic
2008: Terri Reed, Staff Assistant, Admissions
Karen Setting, Sr. Secretary, Chair’s office
Grace Keenan, Physical Therapist, UD Clinic
Angela Hutchinson, Physical Therapist, UD Clinic
Tracy Stoner, Physical Therapist, UD Clinic
The NOA Clinic continues to expand and grow to serve our students and the community! I am excited to announce that we hired an additional staff person due to our growth and development! Grace Keenan, PT, DPT (Class of 2006) joined us at 80% this past January. It is great to have one of our Alumni join the NOA team! Additionally, Billy Thompson, PT, DPT (Class of 2006 and current BIOMS PhD student) continues to serve as a CI, along with our current Geriatric Resident Jessalyn Ciampa, PT, DPT (Class of 2007). BIOMS PhD student Christine Malecka, PT, DPT, NCS also joins us as a CI this year.

December 2007 was an exciting month for the NOA clinic. During December we were officially credentialed by the APTA for our Geriatric Physical Therapy Residency Program—becoming only the second credentialed residency in geriatrics in the US! It was also the last official month for Angie Robertson, PT, DPT who was our first geriatric residency graduate. She will be sitting for the GCS exam in March 2008 and then traveling some before moving to Colorado for her next position.

Our Journal Club continues to meet on the third Tuesday of every month at 8:00 am. We are moving to some other clinics throughout the year, so please visit the website for updates on articles and our meeting locations. Please consider having our journal club at your facility or joining us to discuss clinical care for older adults and patients with neurologic issues.

This past fall, Cathy Ciolek, Associate Director of the NOA clinic was certified as a Multiple Sclerosis Clinical Specialist. This certification is offered through the Consortium of MS Clinics and is valid for 5 years.

It has been a year of remarkable growth and change for the SO Clinic. Our long time CCCE and full time PT, Laura Schmitt PT, DPT, OCS, SCS is now sharing a position as the Director of Clinical Education while maintaining a role as a part time Physical Therapist in the SO Clinic. Mandy Merritt (UD MPT) was here part-time but in December took the opportunity to become the Associate Athletic Trainer/Physical Therapist at Notre Dame—Best of Luck, Mandy! We have been fortunate enough to have Angela Hutchison (UD DPT 2006), as our newest addition to the SO clinic. Angela has worked on ACL research and at the Hospital for Special Surgery in NYC – we are excited to have her join the team.

We have expanded our residency program to include 2 Sports and 2 Orthopedic Residencies. Our start dates are January and June. Erin Burlovich (UD DPT 2004) returned to Delaware for the June Orthopedic Residency and our new January Residents are: Marty Fontenot (UD DPT 2006) and Teonette Velasco.

Our staff has been very productive over the past year, presenting at multiple local, national and international conferences: CSM 2007, the Rehabilitation International Congress on University and Sports Progress in Prevention and Treatment of Sports Injuries (Torino, Italy), the APTA Annual Conference in Denver, the APTA Educational Leadership Conference, the APTA Student Conclave, and in Tel Aviv for the Israeli Physiotherapy Association.

Current clinical research projects in effort with Dr. Snyder-Mackler's lab include perturbation training in the ACL deficient population who are non-copers, collaboration with colleagues in Norway on perturbation training in potential copers and recruitment is underway for multiple knee OA studies and a new TKA study.

If you are ever in town—please stop by the Clinic and say hello—we love to connect with Alumni and update our contact list!
INTEGRATED CLINICAL EXPERIENCES UPDATE

Pediatric Clinic  Written by Dr. Tara Manal

The Peds clinic has undergone another transformation. We were very sad to lose Megan Schaefer PT, DPT, PCS this Fall. She took an opportunity to work at University of the Sciences in Philadelphia as a Director of Clinical Education. This move fit with her goal to move back to an area closer to her family to help support husband Jerry and son Will with the adoption of their twin girls: Ellie and Maggie Schaefer! They just landed from Poland and we are very happy for all of them.

Tracy Stoner (UD PT 1990 ) PT, PCS has returned to her alma mater to support our pediatric wing. We are thrilled to have her on board for patient care, clinical instruction and pediatric expertise. Welcome Back Tracy!

Stroke Clinic  Written by Dr. John Scholz

The University of Delaware’s Stroke Assessment Clinic will meet on March 14, April 18 and May 9, 2008. The mission of the 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. Currently, Mrs. Karen Setting serves as scheduling coordinator. The clinic meets once monthly through the academic year. Patients can contact Mrs. Setting at 302-831-8521 for an appointment. We would be grateful for referrals of appropriate patients in the tri-state area.

Multiple Sclerosis Assessment Clinic  Written by Dr. Cathy Ciolek

Now in our ninth year, 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.

Local professionals from other health disciplines, including Occupational Therapy, Nutrition, Counseling, a representative for Durable Medical Equipment, and a staff member from the MS Society Delaware Chapter generously volunteer their time to the clinic. These professionals provide an initial assessment and then make a referral if further evaluation appears necessary.

This year the clinic is working to incorporate more evidence based tests and measures and screening forms in each of the domains that are assessed to better communicate with the neurologists and specialists in the community. This allows our DPT students to become more familiar with these tests and measures and prepares clinicians that are experienced in best practice for persons with MS.

If you have a client who has MS who would benefit from participation in the MS Assessment Clinic, please have them contact Cathy Ciolek at 302-831-2430.
2007 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 2007 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!!

Kris Kehler-Triolo
Mr. and Mrs. Robert Keightley
Julie M. Knolmayer
Mr. and Mrs. Frank Kodorczyk
Susan F. Feldman
Virginia F. Fisher
Jacquelynn Gardella
Jennifer L. Gasko
Karen B. Godley
Charlene R. Goggins
Adrienne M. Greenfield
Mr. and Mrs. Thomas G. Guerin
Nicole N. Guishard
Jennifer Guth-Crossland
Laura Halusczak
Monica Hanna
Jamie L. Hartnett
Mr. and Mrs. William F. Hartnett
Mr. and Mrs. Jeffrey K. Haus
Cathy O. Holland
Jane E. Hollingsworth
Marybeth M. Hummel
Mr. and Mrs. Mark S. Jarvis
Tracy Johnson-Stoner
Laurie Juarez
Thomas J. Kaynak

Randee Allen
Fariba Ansari
Jeremie Axe
George Barrett
Dr. and Mrs. Philip A. Beutel
Joshua Billings
Dr. and Mrs. Stuart A. Binder-Macleod
Jonathon Borger
Mr. and Mrs. Bruce H. Burcat
Laura Whitney Byrne
Dr. and Mrs. Carmen Campanelli
Brian Catania
Susan Cecere
Christiana Care Health Services
Cathy Ciolek
Melissa Cole
Robert Cole
Annamaria Concannon
Stanley A. Cossoy
Nancy J. Coto
Richard Crossland
Kathryn Marie Cunningsham
Laura Del Duca
Julie A. Demgen
Lois R. Deming-Hedman
Mr. and Mrs. Marc J. Douek
Diana P. Duque

Interested in making a donation for the 2008 year?

For all donors: if you would like to make a gift in support of our program, you may do so online by going to www.udel.edu/makeagift and please consider designating your donation to the Physical Therapy Department. To make a pledge, pay by credit card or mail in a check after filling out the form online. Your financial support provides many opportunities for students to benefit from a quality education.

For further information, please contact www.udel.edu/makeagift or call the Office of Annual Giving on 302-831-4654.

Thank you!
Aims are to: 1) develop and test a fast treadmill training and functional electrical stimulation (FastFES) intervention that improves the walking and biomechanical modeling. This project is presently in a no cost extension. Role: Co-PI


Grants: NIH 1R01NR010786 (PI: Binder-Macleod) 9/12/07 – 5/31/12 Title: Fast Treadmill Training/Functional Electrical Stimulation to Improve Walking: The overall goal of this multidisciplinary research partnership project is to develop a physiologically based intervention to improve functional ambulation in individuals who have sustained a stroke. The Specific Aims are to: 1) develop and test a fast treadmill training and functional electrical stimulation (FastFES) intervention that improves the walking patterns and energy efficiency during treadmill -walking in individuals who have sustained a stroke, 2) develop and test a 12-week training protocol using FastFES to improve body structure and function in individuals who have sustained a stroke, and 3) demonstrate the feasibility and potential effects of FastFES training compared to traditional treadmill training on body function, activity, and participation in individuals who have sustained a stroke. A total of 60 stroke survivors will be rigorously studied over the course of this five-year grant. Role: PI

NIH K12-HD055935 (PI: Mueller) 9/15/07 – 8/31/12 Title: Multicenter Career Development Program for Physical and Occupational Therapists: The goal of this multicenter training program is to provide training for new investigators to acquire the research skills necessary to become independent investigators in rehabilitation approaches. The core institutions are Washington University, University of Pittsburgh, and University of Delaware but training also can occur at John Hopkins University, Emory University, University of Miami, or the University of Iowa

Role: Program Director

NIH P20 RR1658 (PI: Buchanan) 6/1/07 – 5/31/12 Title: COBRE for Women in Science & Engineering on Osteoarthritis: The goal of this grant is to develop a center for biomedical research excellence at the University of Delaware that focuses on the mentoring of women scientists and engineers and the prevention and treatment of osteoarthritis. Role: Scientific Advisory Board member and mentor

NIH R01 HD 38582 (PI: Buchanan) 8/1/02 - 7/31/07 Title: FES and Biomechanics: Treating Movement Disorders: The goal of this biomedical research partnership (BRP) project is to assist patients with CNS dysfunction to produce improved walking patterns through a combination of functional electrical stimulation (FES), robotic-assistive training, and biomechanical modeling. This project is presently in a no cost extension. Role: Co-PI

CATHY CIOLEN, PT, DPT, GCS, (Ithaca), Associate Director Neurolologic & Older Adult Clinic, Director Geriatric Clinical Residency and normative values. (in press)


Grants: NIH T32 HD 7490 (PD: Binder-Macleod) 5/1/03 - 4/30/08 Title: PT / PhD Predoctoral Training Program: The goal of this training grant is to increase the number of individuals qualified to conduct research in physical rehabilitation. This grant is currently in its eighth year of funding. Role: Program Director and Mentor

NIH R01 HD043859 (PI: Samuel CK Lee) 7/1/04 - 3/31/09 Title: Strength Training Using NMES for Children with Cerebral Palsy: The goal is the project is to identify the effects of using electrical stimulation for strength training in children with cerebral palsy. Role: Investigator

NIH P20 RR1658 (PI: Buchanan) 6/1/07 – 5/31/12 Title: COBRE for Women in Science & Engineering on Osteoarthritis: The goal of this grant is to develop a center for biomedical research excellence at the University of Delaware that focuses on the mentoring of women scientists and engineers and the prevention and treatment of osteoarthritis. Role: Scientific Advisory Board member and mentor

IRENE DAVIS, PT, PhD, FACSIM, (Penn State), Professor: Biomechanical analysis of running injuries, relationships between lower extremity structure, mechanics and injury.

Awards: PhD students Brian Noehren & Joaquin Barrios received 2007 American Physical Therapy PDS I Awards


FACULTY: AWARDS & DEGREES CONFERRED AS WELL AS GRANTS & PUBLICATIONS IN 2007

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.


Chronic Low Back Pain: A Pilot Trial: The purpose of this project is to examine pilot data for future randomized trials on this topic. Role: Principal Investigator; $25,000.

University of Delaware Research Foundation, Inc.

JOSEPH LUCCA, PT, DPT, PhD, GCS, (Delaware), Associate Professor: Health care delivery systems for the elderly.

Awards: The 15th Recipient of the Signe Brunnström Award for Excellence in Clinical Teaching from the APTA to acknowledge an individual who has made significant contributions to physical therapy clinical education through excellence in clinical teaching, has served as a role model in clinical teaching, and has demonstrated expertise in at least one area of practice to which the clinical teaching has been directed as exemplified in the professional and teaching career of Signe Brunnström; Named the Residency and Fellowship Education Coordinator for the Orthopedic Section of the APTA

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

Awards: The 15th Recipient of the Signe Brunnström Award for Excellence in Clinical Teaching from the APTA to acknowledge an individual who has made significant contributions to physical therapy clinical education through excellence in clinical teaching, has served as a role model in clinical teaching, and has demonstrated expertise in at least one area of practice to which the clinical teaching has been directed as exemplified in the professional and teaching career of Signe Brunnström; Named the Residency and Fellowship Education Coordinator for the Orthopedic Section of the APTA


JOSEPH LUCCA, PT, DPT, PhD, GCS, (Delaware), Associate Professor: Health care delivery systems for the elderly.

Awards: The 15th Recipient of the Signe Brunnström Award for Excellence in Clinical Teaching from the APTA to acknowledge an individual who has made significant contributions to physical therapy clinical education through excellence in clinical teaching, has served as a role model in clinical teaching, and has demonstrated expertise in at least one area of practice to which the clinical teaching has been directed as exemplified in the professional and teaching career of Signe Brunnström; Named the Residency and Fellowship Education Coordinator for the Orthopedic Section of the APTA


Awards, Degrees, Grants & Publications continued


STEVE TEPPER, PT, PhD, (U. of Maryland), Clinical Professor.
Awards: Outstanding Service by the Geriatric Rehabilitation Education and Training Institute, January 2007
Presentations: Participated in Panel Discussion at the National APTA meeting in Denver, 2007, entitled “Physical Fitness: Promoting Health & Wellness in All Patient/Client Populations” and the topic “Cardiovascular Fitness, Prevention, and Management of Disease.” Discussion can be found free for APTA members at: http://www.apta.org/AM/Template.cfm?Section=Media&TEMPLATE=/CM/HTMLDisplay.cfm&ContentID=42333

LAURA A. SCHMITT, PT, DPT, OCS, SCS, ATC, (Temple), Academic Coordinator of Clinical Education
Presentations: Platform at APTA Combined Sections Meeting 2008: Management of a Patient with Bilateral Knee Multiligament Involvement

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.

Conference Presentations: De Freitas SMSF, Scholz JP. Selective use of motor abundance in persons with left and right post-stroke hemiparesis. Annual meeting of the Society for Neuroscience, San Diego, CA, November 3-8, 2007, Poster #623.8

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

Grants: NIH - R01 AR048212-01A1 01/01/2005-11/30/2009
Title: Can Neuromuscular Training Alter Movement Patterns? Role: PI

Title: COBRE for Women in Science & Engineering on Osteoarthritis (PI Buchanan) Joint Loading and the Progression of Osteoarthritis following TKA (PI Snyder-Mackler)

NIH R44 HD055019-01 03/01/2007-09/01/2009
Title: Motion Analysis System for Study of Human Movement Dysfunction Role: PI

Title: Adaptive High Intensity Electrical Stimulation for Post-Surgical Rehabilitation. Role: Investigator

Title: Can Neuromuscular Training Alter Movement Patterns? Role: PI
“My doctor told me to start my exercise program very gradually. Today I drove past a store that sells sweat pants.”
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:____________________________________________________________________________

DEGREE/YEAR:______________________CHECK HERE IF THIS IS A NEW ADDRESS [ ]

HOME ADDRESS:________________________________________________________________________

CITY/STATE/ZIP:________________________________________________________________________

TELEPHONE:____________________________EMAIL:________________________________________

HERE’S MY NEWS:
___________________________________________________________________
___________________________________________________________________
___________________________________________________________________
___________________________________________________________________
___________________________________________________________________

University of Delaware
Department of Physical Therapy

301 MCKINLY LAB
NEWARK, DE 19716

Phone: 302-831-8910
Fax: 302-831-4234
www.udel.edu/PT

We’re on the web! www.udel.edu/PT/alumni/newsletter