

ALUMNI NEWSLETTER

Spring 2005

Message From the Chair



Greetings once again,

I am pleased to report that there has been much positive growth in the Department since our last alumni newsletter. We have opened two new clinics, added staff, increased our research grant funding, and been assigned additional research and clinical space within our building. Our new Neurological and Older Adult (NOA) clinic is up and running, as is our pediatric clinic, which is housed at the University of Delaware's new Early Learning Center. We are fortunate to have been able to recruit outstanding staff for both new clinics, and both of these facilities are already contributing to the teaching and research missions of the department. Our well established Orthopedic and Sports Clinic has also continued to grow and had a great year presenting at national meetings and contributing to our profession's body of evidence based practice. I had the pleasure of attending the Sports Section's awards ceremony at CSM in New Orleans this past February and saw our Tara Manal and

Laura Schmitt each receive major awards. Congratulations!

Speaking of awards, I am very happy to note that three people from our department will be receiving awards at the APTA Annual Meeting in Boston this June. Dr. Cole Galloway will receive the Margaret L. Moore Award for the outstanding new PT faculty member in the nation. Erin Rieben will receive the Mary McMillan Award and Jumaah Johnson (both DPT class of 2004) will receive the APTA's Minority Scholarship Achievement Award. The department will host a reception in Boston to celebrate their achievement. The reception will be held in my suite from 7-9 p.m. at the Boston Marriott Copley Place, 110 Huntington Avenue, Boston, MA 02116.



We have also added additional support staff to our office and professional research staff to our department's research program. Most of this is due to the continued increase in our grant funding. When I took over the chair's position, about seven years ago, the department was bringing in just over \$300,000 in research grant support each year. We believe that this total represented one of the highest levels of research support among PT programs in the country. I must admit that I was very pleased when we calculated this year's total research funding and found out that we are now bringing in slightly over \$3.0 million dollars a year in direct funding and overhead support. The faculty's hard work is paying off in both successful grant funding and other forms of recognition.

In February we were notified that the University was awarding the Department its third (and largest) UNIDEL grant. This \$350,000 grant will be used to renovate previous storeroom space in the basement of McKinly Laboratory that is adjacent to our Orthopedic and Sports Clinic. This space will be used to house our growing NOA clinic and an additional motion analysis laboratory. Dr. Irene Davis has recently been awarded a \$240,000 equipment grant from the Army to purchase a

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Featured Alumna: John Knarr, University of Delaware, Physical Therapy Class of 1990

John Knarr graduated from the University of Delaware Physical Therapy program in 1990. Notably, John turned the department's treatment clinic to a full time Clinic and served as its first Clinical Director. Before this, he completed a BS in Physical Education/Athletic Training, and was the first to graduate from this National Athletic Trainers Association approved program in December, 1976. John also earned an MS in Physical Education with an Athletic Training Emphasis in 1981, all degrees coming from UD.

He then obtained his first Head Athletic Trainers Position at Delaware Valley College. He



achieved similar positions at Susquehanna University and Delaware State before deciding to return to UD for a degree in Physical Therapy. John was then selected as the first UD athletic trainer to do an internship at the U. S. Olympic Training center in Colorado Springs. Future events for John included numerous Olympic Festivals, Pan American Games and the Paralympics.

The aforementioned and next job all resulted from a contact with a UD Alumni hiring him or putting John in the right place at the

right time. His best learning opportunity came from working with Pat Croce of Sports Physical Therapists Inc. The one time PT turned 76ers President provided him with a wealth of experiences to better enable him to open the treatment Clinic in McKinly Lab. During his final days as a UD student, Dr. Paul Mettler had discussed with him the possibilities of one day making the then part time Clinic into the full time teaching facility as it is known today. He suggested that John learn as much as he could about the administrative aspects so that he might qualify for the job once it became available.

The entire program was then located in the basement and split between two classrooms. Support from the University, especially the Arts and Science Deans office, was pivotal in making the expansion possible. It took two months to transform the one time classroom into an operational clinic. In September 1993 when school started, the Clinic saw its first patient.

A UD gathering in 1991 brought another blessing John's way. He met his wife Amelia through a UD alumna at the annual APTA conference. Introduced by a friend of his, their relationship ignited from there.

This partnership has turned into 4 businesses and three wonderful children aged 4, 2 1/2, and 6 months. Their 4 offices in California are located in Newport Beach, Brentwood, Mid-Wilshire district and downtown in the Los Angeles Athletic Club.

John has treated a former President, movie stars, and professional athletes from football, soccer...

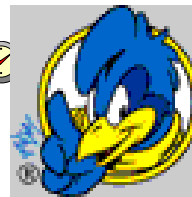
Three of the therapists they currently employ are UDPT alum Steve Grinsted (Class of '99), Carl

Eaton ('01), and Adam Wachter ('03).

Their clinics are located in athletic or fitness centers and match the lifestyle of Los Angeles. In these clinics, John has been honored to treat a former President of the United States, professional athletes from golf, football, baseball, tennis, ice skating, basketball, and soccer as well as individuals from the movie, film and music industries.

In 2000 the Los Angeles Athletic Club invited the Knarrs to open a clinic in their facility. The L. A. Athletic club is the oldest club of its kind in California and is rivaled only by the New York Athletic Club. They were honored to open such a venture in this facility.

UD still has a place in John's heart today. John said, "I will be forever grateful to Paul Mettler for believing in me and giving me the opportunity to achieve what I have. I remain in close contact with numerous members of the current faculty for a variety of reasons, some professional but mostly for the personal friendships that the University has



Alumni: Mark Your Calendars!

June 10 - UD Social to recognize awardees at Annual APTA Conference in Boston at 7-9 p.m. at the Boston Marriott Copley Place, 110 Huntington Avenue, Boston, MA 02116

UD Physical Therapy Welcomes New Faces:

Lisa Bishop, Sr. Records Specialist, PT Clinic

Janet Cates, M.A., CCC-SLP, Speech Therapist, Early Learning Center

James Cawley, Sr. Records Specialist, PT Clinic

Cathy Ciolek, PT, GCS, Associate Director Neurologic and Older Adult Clinic

Patricia Hitchcock, Medical Services Representative

Airelle Hunter, MPT, CSCS, Associate Director of Sports Physical Therapy

Donna Moore, Senior Secretary, Chair's Office

Ann Morrison, PT, Physical Therapist, Sports and Orthopedic Clinic

Megan Schaefer, PT, DPT, Associate Director Pediatric Rehabilitation Clinic

Lindsey Fletcher Thompson, Business Coordinator

Lu Ann Williams, Receptionist, PT Clinic

Promotions:

Noel Goodstadt, Associate Director of Orthopedics

Chris Mahoney, Staff Assistant

Tara Manal, Director of all Clinics

Lynn McDowell, Staff Assistant

Gina Pusey, Manager



Featured Alumna:

John Knarr continued from page 2

John involves himself in the current education of UD Physical Therapy students by reserving slots for UD students to do their full time clinical education in one of his clinics every year. He said, "I've been told I bleed blue and gold, and I probably do." The things he remembers most about his experience as a PT student was how close his class members were. Another very special memory is receiving the Directors Award at his graduation and more recently the Catherine Dozier Kohlensein Clinical Educator's Award.

He feels that each student that has or will encounter the UD Physical Therapy faculty in the past, present and future will be blessed by the faculty's expertise and personal integrity and should take advantage of the opportunities they offer collectively.

"I've been told I bleed blue and gold, and I probably do."

John said, "I feel blessed that I've had these experiences in my career and life and am confident that all the education I received at the University of Delaware more than prepared me to achieve this level of success along the way."



Message from the Chair continued from page 1

In addition, Dr. Lynn Snyder-Mackler has recently submitted a shared instrumentation grant to the NIH to purchase an additional motion analysis system. We will keep our fingers crossed and hope that this grant is funded.

As always, I would like to thank the many alumni and friends who provided financial support to the department over the past year. In particular, I would like to acknowledge Mr. Stanley Cossoy. Mr. Cossoy is Barbara Cossoy's brother and he contributed \$50,000 to the Cossoy Scholarship fund this past year in memory of his beloved sister. This is by far the largest contribution that this department has ever received and more than doubles the value of the scholarship fund. On behalf of the faculty and

students, I would like to once again thank Mr. Cossoy.

Let me conclude my message by sending everyone my warmest regards and that we would love to see you at homecoming (or any other time) this year. Best wishes for a happy and healthy year.

Sincerely,
Stuart A. Binder-Macleod, PT, PhD,
FAPTA
Professor and Chair

Message from the President of the Class of 2005...

By: Kama Smith, SPT

As we approach the end of our final semester of classes at PT school, we look back and ask where the time has gone. The past year has been filled with classes, labs and clinic time, overall being one of the busiest times of our lives. This summer we not only made it through Orthopedics, we were challenged in the ever so fun PT bowl to culminate the 6 long weeks. Our acute care affiliations were the first real clinical experience that some of us ever had and provided challenging and very rewarding real world experience, making a difference in peoples' lives.

Many volunteer opportunities came our way, including working with one fantastic individual with Body Weight Supported Treadmill training in the UDPT clinic that incorporated over 1/2 of our class members volunteering one week or another. We not only learn and grow

through these experiences as a clinician, but there is an emotional factor that is sure to influence our lives for years to come.

In February, 12 members of our class attended Combined Sections Meeting in New Orleans, LA. For each of us to be able to do this, we thank the UD Alumni Association from which we were awarded a grant to help fund our travel. Without this funding, many of us would not have been able to attend. Our thanks and appreciation goes out to them and hopefully others will be able to benefit in the future, as we have done.

As we get closer and closer to becoming DPTs, we would like to thank each of you who in some way have made this experience better for us. Whether you're a professor, teaching assistant, clinical instructor, fellow student, or a coordinator or helper for our clinical experience, you have made this



Welcome DPT Class of 2006!

Jennifer Arseneau-UD
Ryan Brown-Wake Forest Univ
Sarah Caldwell-Emory and Henry College
Pancy Chung-Univ of Texas, Austin
Megan Conklin-Penn State Univ
Tara Cook-Univ of Virginia
Demery Dawson-UD
Danelle Dickson-Morgan State Univ
Marty Fontenot-Georgia Tech
Kate Gibson-UD
Meghan Hajek-Carnegie Mellon Univ
Sarah Hingston-UD
Angela Hutchinson-UD
Memy Hwang-Georgetown Univ
Melissa Karschner-Susquehanna Univ
Grace Keenan-Towson Univ
Ben Keeton-College of William and Mary
Julia Kegelman-UD
Maureen Kennedy-Miami Univ of Ohio
Stephanie Kuehne-UD

guidance of the UDPT's wonderful faculty and staff, as well as the helpful hints from the DPT II's. We are excited to apply our newly acquired knowledge in our upcoming Acute Affiliations this summer. Before you know it, I'll be writing about how exciting our second year was and chances are our families will still be wanting free massages!

From the President of the Class of 2006...

By: Marty "Papa Smurf" Fontenot, SPT

Greetings from the "new kids on the block." Well, I guess we can no longer consider ourselves "new" as our first year is just about complete. It seems just like yesterday we were stressing about learning all of the bones, muscles, and innervations while trying desperately to remove the lovely smell of cadavers from our clothes. Our first year is already over and we're at the point where we know just enough to be dangerous. You know how it is - we're observing people's gait in the mall, and our families think we have all of the answers for their aches and pains...when all they really want is a free massage! Yes, it's already been a year, but what a year it's been!

Of course I'm a little biased, but I have never been more proud to be associated with a group of people as I am with the 32 students in our class. From day one there has been an amazing comradeship and

"closeness" among the entire class. These "kids" as I call them (since I'm the 'old one' of the group) truly have a passion for becoming PT's. This shows not only in their work ethic in the classroom, but more importantly in their continuous volunteer and community involvement. In addition, our class was excited to plan this year's Faculty Appreciation Week.

We do find time to join up for a little fun. Intramural teams are a "must" for each semester, as they serve as pretty good tension relief. We've fielded teams in flag football, volleyball, and brought home the UD Championship in co-ed basketball. In addition, our class competed against each other in a pretty competitive Field Day, with a water balloon toss, wheelbarrow and three-legged races, and tug-of-war...the incoming class this summer may be challenged for round two!

There's no way we could have

The Sports and Orthopedic PT

Clinic was honored with accreditation by the APTA for both the Sports and Orthopedic Residency Programs in December 2004. The Residency's are a 1 year commitment for licensed physical therapists to develop their skills in either sports or orthopedic PT.

Currently there are two Sports PT Residents and in 2004 Airelle Hunter was the first credentialed resident to complete the Sports residency program. The Clinic currently employs eight licensed PT's, notably five are certified specialists in either Sports or Orthopedic PT, two of whom are certified in both.

Every one of the PT's on staff is a Clinical Instructor (CI). Each CI provides guidance and sup-

port to 2-4 students per semester during the students' integrated orthopedic experience in the first or second year of study.

Therapists and student therapists in the clinic are valuable contributors to many research studies the department is running. Current clinical studies include rehab after Total Knee Arthroplasty, rehab pre and post ACL reconstruction, bracing for patients with Osteoarthritis in the knee, and outcomes in post manipulation of the shoulder.

One other unique feature about the Sports and Ortho clinic is that it holds a weekly Injury Clinic for club (not NCAA) athletes and performing arts students. The Clinic also sponsors monthly Journal

Clubs. These and all the other services the Clinic provides to the community help the clinic maintain its place of importance to the department and beyond.



The Neurologic Older

Adult (NOA) Clinic serves to treat the neurologic and older adult population in an environment designed specifically for their disabilities.

One of the three part time rotations is focused on Neurologic and Geriatric rehabilitation. Currently half of the students on this rotation are placed in the NOA Clinic. Plans are in development to expand the size of both the NOA and Sports and Ortho Clinics, and following



Cathy Ciolek, Associate Director and Dr. Darcy Reisman, Academic Director

this expansion there will be room for all students to work in the NOA clinic.

While enrolled in this experience, students participate in a supplemental experience interfacing with the community. The students' most recent endeavors include Fall Prevention Screening, presentations on balance and falls for the Delaware Stroke Support Group, and an Aquatic Pool Pilot. These are conducted free of charge at places such as the Newark Community Center.

As well as sponsoring a monthly journal club, the NOA Clinic also hosts a specialty clinic. Clinicians from the community pre-



sent a challenging patient and collaborate with their colleagues and UDPT faculty to develop unique

treatment strategies. These sessions are also attended by DPT students.

The NOA Clinic is preparing to launch a Geriatric Residency program in January 2006. Currently there is only one such program in the country. This year-long program will meet APTA residency accreditation requirements, and will prepare participants to sit for their Geriatric Clinical Specialist (GCS) certification upon completion.

Integrated Clinical Experiences continued

Pediatrics—For the integrated clinical experience aspect of this course, students work hands on with children for one full day per week for 5 weeks in conjunction with their Peds class.

The class is held at the Early Learning Center (ELC), a collaborative child care center that allows PT students to observe actual classroom interactions through observation decks or to have interactive

labs with both typically developing children as well as those children with special needs



Seven students will participate in integrated clinical experiences at the Pediatric Rehabilitation Clinic (PRC) within the ELC, the rest of the class will participate in clinical experiences at off-site pediatric PT sites. This is the first year that UD students can fulfill their requirement at the PRC. Over time, the PRC hopes to accommodate more UDPT students.

Therapists work with children enrolled in the ELC, from ages 0-12 years old, in the classroom, playground, and the gym. Pediatric rehabilitation, especially with younger age groups, is a team approach. Having Occupational, Speech/Language and Physical



Megan Schaefer, Associate Director of the PRC and Cole Galloway, Academic Director for the PRC

therapies enables the clinic to provide comprehensive care as well as a holistic approach to working with children and their families.

The pediatric integrated clinical experience provides PT students with a range of clinical experiences in the screening, assessment and intervention of infants and children

APTA Student Conclave

The 12th Annual National Student Conclave took place from October 22nd-24th, 2004 in Charlotte, NC. Students from around the country, some from as far away as Hawaii, came to the assembly whose maxim was “Students today. Leaders tomorrow!” The University of Delaware was well represented, made possible by Alumni donations which went toward registration fees. Nearly 20 students made the 8 hour drive to the Queen City for the conclave.

The first day of the conclave included career building events that included mock interviews, resume critiquing, and financial management. A large ex-



Several UD attendees with Florence Kendall

hibit area also opened where students could meet with different clinics and companies from around the country.

The over 1000 students attending then moved to the opening ceremonies which included an address about the current state of physical therapy and an introduction of the Student Assembly Board of Directors candidates, which in-

By: Brett Schiller, SPT

cluded Erin Rieben (UD Class '04).

Later during the conclave students experienced presentations ranging from how to fund a private practice, to different career paths for physical therapists, to enhancing one's career through specialization, and professionalism in physical therapy. Students then took advantage of three different sessions with presentations about different concentrations in physical therapy; this included oncology, geriatrics, acute care, orthopedics, and much more.

The final day concluded with instillation of the new Board members, a presentation on passing the licensure examination, and insuring reimbursement for services rendered. All the UDPT students in attendance made the trip back to Newark knowing they had learned a



MS Clinic



On March 18, 2005, the National Multiple Sclerosis Society awarded UD the Commitment to Care plaque for its MS Clinic. Ginger Stein, program director of the DE chapter, presented UD the plaque. Ken Seaman established the clinic in 2002, which began as just Physical Therapy evaluations. It quickly blossomed to eight disciplines including gait, counseling, VO2, nutrition, occupational therapy, ophthalmology and receiving advice on medical equipment. A student involved with the clinic commented that working with members of these disciplines, "will come in handy with making referrals and answering patients' questions".

Stein said, "this is the only one of its kind in the U.S." It helps people dealing with MS to improve the quality of life and learn valuable information. Four to five MS patients are seen in each clinic, which is held six times a year. PT graduate students work alongside other pro-



Ginger Stein presents the Commitment to Care plaque to Ken Seaman.

professionals who volunteer their time to assess the participants.

The MS Clinic has also been written up in the MS society paper, Inside MS. This article mentioned the purpose of the clinic and all of the discipline's involved. This may open the eyes of those struggling with multiple sclerosis to see their treatment options and that there are other professionals to see besides a neurologist. No fee is charged for participating in the clinic. There is no treatment in-

involved, but assessments and referrals are provided for the participants to use and show their doctors.

The clinic benefits the participants, the students and helps the MS society reach their goal to educate the community. The students also get a hands-on experience and are able to be challenged with how each patient presents differently, but all have the same diagnosis. The clinic also helps students' gain confidence and practice note writing skills.

Students commented: "It was great to see how the second year students handled their evaluations-- it gave me confidence to see how far we were going to go in the next year as they seemed very prepared and knowledgeable and were there to answer any questions we had". The resounding consensus of

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) and request to be added to the alumni e-mail list. We will e-mail you a web link for the

various PhD research projects and Open Houses/Interviews for the incoming PT classes. In addition, many of our students donate their personal time (before and after school) to provide home care services for some pretty incredible individuals in the surrounding com-

Additional Community Service

Over the past year all of the PT classes have continued UDPT's tradition of community service with involvement in Bike to the Bay, Newark Community Day, MS Assessment Clinics, Stroke Awareness Presentations, Stroke Screenings, and the Breast Cancer Walk/Race. In October 2004, Bike to the Bay had 1,636 registrants, and our students manned massage tables at the end of the course. UD contributed \$400 to the MS Society.

Also, to raise money for the APTA, students serve as ticket takers at UD Field Hockey and La-



rosse games. Students were also excited to facilitate the Thanksgiving Canned-Food Drive and the Holiday Toys-for-Tots Drive and to plan this year's Faculty/ Staff Appreciation Week, where goodies were dropped off in the office daily and all of the faculty, staff, and clinician's doors were decorated.

Students also participate in

UD Professor - Outstanding New PT Faculty



Dr. Cole Galloway will receive the American Physical Therapy Association's 2005 Margaret L. Moore Award for the outstanding new PT faculty member in the nation at this year's Annual APTA Meeting. The purpose of the award is to acknowledge an outstanding new faculty member who has demonstrated excellence in research and teaching as exemplified by the professional career of Margaret L. Moore. Colleagues as well as past and present students contributed letters on his behalf.

Dr. Galloway embodies the

three aspects of the award which are research, service, and teaching. His goals in the next five years include advancing to an Associate Professor and continuing his teaching, research and service here at Delaware. This includes all three domains of the Moore award. He enjoys challenging his students to incorporate basic brain science into their daily clinical practice. He uses a blend of clinical examples and animated demonstrations to motivate students to think and discuss. Dr. Galloway hopes to inspire his students to stay up to date on the neuroscience literature relevant to their clinical practices.

As for research, he plans to continue developing assessment tools and interventions for infants born at risk for developmental learning and coordination impairments. Dr. Galloway also plans to increase his interaction with community providers of early intervention in Delaware through collaboration with centers such as the Early Learning Center. He wishes to thank the faculty, staff and students for their contin-

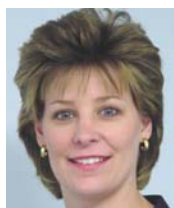


UD Clinicians Receive APTA Awards



During the 2005 APTA Combined Sections Meeting in New Orleans, this

February, 2 of our clinicians were presented with the following major awards:



Tara Manal (left)–2005 Academic Education Award from the Sports Physical Therapy Section.



Laura Schmitt (right)–2005 Lynn Wallace Clinical Education Award.

Please join us in Boston at this year's annual APTA conference at the UD Social to recognize UD awardees Cole Galloway, Erin Rieben, and Jumaah Johnson on June 10th at 7-9 p.m. at the Boston Marriott Copley Place, 110 Huntington Avenue, Boston, MA 02116.

Congratulations to all

Two UDPT Class of 2004 Students



Erin Rieben received the Foundation for Physical Therapy's Mary McMillan Doctoral Scholarship. The purpose of this award is to assist physical therapists with outstanding potential for doctoral studies in the first year of graduate studies towards a doctorate. The total amount of funding may vary from year to year depending

on available resources. Awards of \$5,000 are given to students who demonstrate a commitment to further the physical therapy profession through research and teaching in the US.

Jumaah Johnson won the Minority Scholarship Award for Academic Excellence. The award ac-

knowledges participation in minority affairs, activities, and services, and the potential for superior achievements in physical therapy and academic excellence. The award is presented to students in their final year of study and consists of a certificate and monetary award.



Jan– Dec 2004 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 2004 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

Thank You!

Kevin Bailey
Todd Ballinger
Charles & Frances Barker
George Barrett
Laura Berger
Patricia & Phillip Beutel
Stuart Binder-Macleod
Jonathan Borger
Carmen & Julie Campanelli
Brian Catania
Susan Cecere
Teresa Chmielewski
Robert Cole
Gail Craighead
Richard O. Crossland, Jr
(Ford Motor Company
Fund)
Deborah Thompson
DeAngelis
Angela DeBorja
Lilia & Narciso DeBorja
Emily DeCarlo
Laura DelDuca
Ann Dennison
Suzanna Dougherty

Thank You!

Marc Dovek
Carol Einhorn
Vongi Ellison
Amy Entriiken
Mr. & Mrs. James Everett
Lois Fallon
Frank & Jane Fedorczyk
Marty & Sheila Fees
Susan Feldman
Jennifer Gasko
Susan & Thomas Guerin
Monica Hanna
Karen Hanson
Cathy Holland
Jane Hollingsworth
Marybeth Hummel
Kathleen & Mark Jarvis
Craig Joachimowski
Sandra Jones
Suzanne Jones
Laurie Juarez
Julie Knolmayer
Julie Mayer Knowles
Lynn Kozimbo

Thank You!

Amy Krzyzaniak
Stacie Larkin
Steven Lawrence
Leslie Lear
Samuel Lee
Steven & Ellen Levine
Raul & Michele Lobo
Joe Lucca
Scott Mackler & Lynn Snyder-
Mackler
Tara Jo Manal
Carl Mangione & Kathleen
Kline Mangione
Sandra Marrone
Pauline Marshall Research
Fund
Megan Martin
Brian & Jill Matson
Kelly McBride
Donald McLaughlin
Lise & Michael Meloy
Amy & Kenneth Murray
Nova Care Outpatient Rehab
Kathleen Nusbickel
Carol Owens

Interested in making a donation for the 2005 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



Delaware Physical Therapy Faculty

STUART BINDER-

MACLEOD, PT, PhD, FAPTA, (Medical College of Virginia), Professor and Chair: Effects of electrical stimulation parameters on muscle performance.

Awards: American Physical Therapy Associations - Golden Pen Award in recognition of significant contributions to the advancement of Physical Therapy.

Publication: Kebaetse MB, Binder-Macleod SA. Strategies that improve human skeletal muscles performance during repetitive, non-isometric contractions. *Pflugers Arch.* 448(5):525-32.

CATHY CIOLEK, PT, GCS, (Ithaca), Associate Director Neurologic and Older Adult Clinic.

IRENE DAVIS, PT, PhD, FACSM, (Penn State), Professor: Biomechanical analysis of running injuries, relationships between lower extremity structure, mechan-

ics and injury.

Grant: Pauline Marshall Research and Education Foundation Grant: A Comparison of Custom and Semicustom Foot Orthotic Devices on Lower Extremity Mechanics and Comfort in High and Low Arched Runners.

Publications: Davis I. How do we accurately measure foot motion? Guest Editorial, *Journal of Orthopedic and Sports Physical Therapy*, 34(9):503-504.

McCrory J, Quick N, Shapiro R, Ballantyne B and McClay Davis I. The effect of a single treatment of the Protonics system on biceps femoris and gluteus medius activation during gait and the lateral step up exercise. *Gait and Posture*. 19(2):148-153.

Williams DS, McClay IS, Scholz JP, Hamill J, Buchanan TS. High-arched runners exhibit increased leg stiffness compared to low-arched runners. *Gait and Posture* (19):263-269.

Laughton CA, McClay IS, Hamill J and Richards J. The Effect

of Orthotic Intervention and Strike Pattern on Rearfoot Motion in Runners. *Clinical Biomechanics* 19(1):64-70.

Leetun D, Willson J, Ireland ML, Ballantyne B and McClay Davis I. Core strength and lower extremity injuries in athletes. *Medicine and Science in Sport and Exercise*. 36(6):926-934.

Hurd W, Chiemelewski T, Axe M, McClay Davis I, Snyder-Mackler L. "Gender Differences in Lower Extremity Mechanics in Normal and Perturbed Walking". *Clinical Biomechanics* 19(5):465-472

Davis I. Measuring Foot Motion: Forward and Inverse Dynamic Models: Foot and Ankle Research Retreat Introduction and Consensus Statement. *Journal of Orthopedic and Sports Physical Therapy* 34(9):A1-A4

Pollard C, McClay Davis I, Hamill J. Influences of gender on hip and knee mechanics during an unanticipated cutting maneuver. *Clin Biomechanics* 19(10):1022-1031.



Delaware Physical Therapy Faculty

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

Award: 2005 APTA Margaret L. Moore Award for the outstanding new PT faculty member.

Publications: Galloway. Invited Commentary on Fonseca et al Dynamic resources used in ambulation by children with spastic hemiplegic cerebral palsy: relationship to kinematics, energetics, and asymmetries. *Physical Therapy*, 84: 355-356.

Lobo, Galloway, Savelsbergh. The effects of specific and general practice on the development of reaching. *Child Development* 75: 1268 – 1281.

Galloway, Bhat, Heathcock, Lobo, Manal. Differential shoulder and elbow joint power: a general feature of vertical arm movements. *Experimental Brain Research*. 157: 391 - 396.

Heathcock, Bhat, Lobo, Galloway. The performance of infants born preterm and full-term in the mobile paradigm: learning and memory. *Physical Therapy* 84:808-821.

NOEL GOODSTADT, PT, MPT, PCS, CSCS, (Hahnemann University), Associate Director Orthopedics, Orthopedic Residency Coordinator, Sports and Orthopedic Clinic.

STACIE LARKIN, PT, MEd,

(Boston University), Academic Coordinator of Clinical Education.

Publication: *Physical Agents - Theory and Practice*, 2nd edition, Barbara J. Behrens and Susan L. Michlovitz, F.A. Davis Company, Philadelphia 2005 - co-authored Chapter 1: Tissue Response to Injury, Chapter 2: Patient Responses to Therapeutic Interventions, and Chapter 15: Integration of Physical Agents: Clinical Decision Making.

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

Award: Board Certification in Geriatric Physical Therapy by the American Board of Physical Therapy Specialties.

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

Publications: Manal T. Shock and Bleeding. *Emergency Management of the Injured Athlete*. APTA Home Study Course Sports Physical Therapy Section, 2004.

DeLeo A, Manal T. Electrical Stimulation for Pain Control. *Physical Therapy Products*, Vol 15, No 6; 14-16.

Manal T. The When, How, and Why of TENS. *Physical Therapy Products*, Vol 15, No 2; 14-16.

PAUL METTLER, PT, EdD, (Northeastern), Associate Professor: Higher education administration.

DARCY REISMAN, PT, PhD, (Delaware), Assistant Professor, Academic Director of Neurologic and Older Adult Clinic: Understanding the movement deficits of persons with neurologic injury and treatment interventions.

Grant: Co-Investigator NIH Grant: "Smart Knee Brace".

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.

Grants: NIH Grant: Principal Investigator: "Smart Knee Brace". Co-Investigators: Reisman D, Sun JQ.

Publications: Banala SK, Agrawal SK, Fattah A, Rudolph K, Scholz J. A Gravity Balancing Leg Orthosis for Robotic Rehabilitation. *IEEE Transactions on Neural Systems & Rehabilitation Engineering* IEEE Proceedings on International Conference of Robotics and Automation, 2474-2479.

Rudolph KS, Snyder-Mackler L. Dynamic Stability in the ACL Deficient Knee during a Stepping Task. *J Electromyogr Kinesiol*, Oct;14(5):565-75.

Lewek M, Rudolph KS, Snyder-Mackler L. Control of Frontal Plane Knee Laxity during Gait in Patients with Medial Compartment Knee Osteoarthritis. *Osteoarthritis and Cartilage*. Sep;12(9):745-51.

Schmitt LC, Schmitt LA, Rudolph KS. Management of Patient with a Forearm Fracture and Median Nerve Injury. *J Orthop Sport Phys Ther*. Feb;34(2):47-



Delaware Physical Therapy Faculty

MEGAN SCHAEFER, PT,
DPT, (Temple), Associate Director
Pediatric Rehabilitation Clinic.

LAURA A. SCHMITT, PT,
DPT, OCS, SCS, ATC, (Temple),
Physical Therapist, CCCE, Clinical
Education Liaison, Sports and Or-
thopedic Clinic.

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

Grant: NIH Grant:
“Coordination of reaching in
stroke” from the National Institute
of Neurological Diseases and
Stroke.

KENNETH SEAMAN, PT, MA,
(Delaware), Academic Coordinator
of Clinical Education.

Award: Multiple Sclerosis
Commitment to Care plaque for his
work organizing UD’s MS Clinic.

LYNN SNYDER-MACKLER,
PT, ScD, FAPTA, (Boston Univer-
sity), Professor: Examination of
rehabilitation protocols following
ACL reconstruction, examining
rehabilitation following ACL in-
jury, osteoarthritis, high tibial os-
teotomy, and total knee arthro-
plasty.

Grant: NIH/NIAMS
Grant: Can Neuromuscular Training

Alter Movement Patterns?

Awards: APTA Marian Wil-
liams Award for Research in Physi-
cal Therapy
University of Delaware Doc-
toral Mentoring Award.

Publications: Lewek M, Ru-
dolph KS, Snyder-Mackler L.
Quadriceps femoris muscle weak-
ness and activation failure in pa-
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teoarthritis. *J Orthop Res*
Jan;22(1):110-5.

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electrical stimulation for quadriceps
muscle strengthening after bilateral
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Phys Ther* 34(1): 21-29

Williams GN, Snyder-Mackler
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plane knee laxity during gait in pa-
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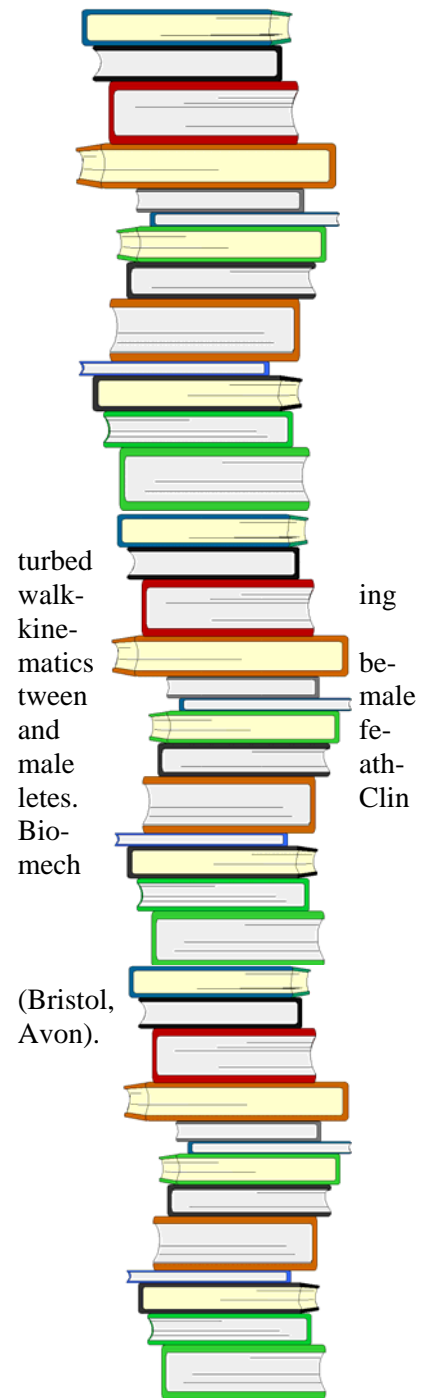
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Let's Keep in Touch!

Beginning next year, we will 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 via the form found on the newsletter's website. **Photos are welcome.**

FULL NAME: _____

first

middle

last

maiden

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