

UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE
DEPARTMENT OF PHYSICAL THERAPY
& REHABILITATION SCIENCE

FALL 2005

PROFICIO

HELPING, ADVANCING, MAKING PROGRESS IN PHYSICAL THERAPY



One in a Million



◆ 1956 - 2006 ◆
Department of Physical Therapy
PTRS
& Rehabilitation Science
◆ 50 Years of Excellence ◆

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January 1, 2005 – December 31, 2005

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On the Cover

George R. Hepburn, PT '74, president of
Dynasplint Systems, Inc., displays one of
his latest products, the Carpal Tunnel
Dynasplint System.

Cover Photograph

Bill McAllen

UPCOMING CALENDAR OF EVENTS*

DECEMBER

9 - 11 Continuing Education: "Biomechanical Evaluation and Treatment of the Lumbar Spine and Pelvis," taught by Jim Meadows, BScPT, MCPA, COMP, NAIOMT, Allied Health Building (2.0 CEUs)

JANUARY 2006

12 DPT III Career Day, 2 – 4 p.m., Medical School Teaching Facility Atrium
14-15 Continuing Education: "Fundamentals of Orthopedic Radiology," taught by Lynn McKinnis, PT, OCS, Allied Health Building (1.3 CEUs)

FEBRUARY

1-5 APTA Combined Sections Meeting (CSM) 2006, San Diego, Calif.
7-9 Phone-a-thon
10-12 Continuing Education: "Biomechanical Evaluation and Treatment of the Lower Extremity," taught by Jim Meadows, BScPT, MCPA, COMP, NAIOMT, Allied Health Building (2.0 CEUs)

MARCH

25 Fund For Medicine Gala, 7 p.m., Baltimore & Ohio Railroad Museum, Baltimore
Recognizing the University of Maryland School of Medicine and the Departments of Physical Therapy & Rehabilitation Science, Neurology, and Psychiatry
25 Spring Admissions Open House, 9 a.m., Allied Health Building

APRIL

7 Accepted Students' Day, Times TBA, Allied Health Building
21 DPT Pinning Ceremony, Time TBA, Davidge Hall
29 Research Day, "Neuromusculoskeletal Plasticity after Spinal Cord Injury," Invited Speaker: Richard K. Shields, PT, PhD, professor and director, Graduate Studies, Physical Therapy and Rehabilitation Science, Carver College of Medicine, University of Iowa, 8 a.m. – 12 p.m., Westminster Hall

MAY

18 Precommencement Ceremony, 10 a.m., School of Nursing Auditorium
19 UMB Graduation, 3 p.m., 1st Mariner Arena

JUNE

1 New Student Orientation, Times TBA, Allied Health Building

* NOTE: Times and locations are subject to change. For updated information, please consult the department Web site at www.pt.umaryland.edu.

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Proficio is a publication of the University of Maryland School of Medicine's Department of Physical Therapy and Rehabilitation Science, 100 Penn St., Baltimore, Md., 21201. Archived copies of *Proficio* and the *PTRS Newsletter* are available in PDF format at www.pt.umaryland.edu.

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George R. Hepburn Dynasplint Professor and Chair

Mary M. Rodgers, PT, PhD
mrodders@som.umaryland.edu

Director of Student Affairs

Angel Jackson
ajackson@som.umaryland.edu

Alumni and Public Relations Specialist

Alyssa Menkes
amenkes@som.umaryland.edu

Editors

Karen McGuire, Associate Director for Development
kmcguire@som.umaryland.edu

Susie Flaherty, Senior Editor
 Tawanda W. Johnson, Editor
 Office of External Affairs

Graphic Design

Tracy Boyd, Senior Designer
 Danielle Peterson, Graphic Designer
 Office of External Affairs

University of Maryland School of Medicine
 Department of Physical Therapy & Rehabilitation Science
 100 Penn Street
 Baltimore, MD 21201-1082
 410-706-1816

Letter from the Chair



As we approach the end of another year, we can say that 2005 has been great! Our entry physical therapy program was nationally ranked, our students won second place in the Pittsburgh-Marquette Challenge, we expanded our academic and teaching space within

the Allied Health Building (AHB), and we graduated our first entry-level Doctor of Physical Therapy (DPT) class.

This summer we welcomed new faculty member E. Tonas Kalil. He brings a wealth of clinical and teaching experience and has lectured in burn care and other courses in our program over the years. Many of you will remember him. Recent staff additions include Yuvonne Underwood-Morris, Nichole Mitchell, and Brian Smith.

Our research activity continues to flourish. Faculty and student research studies have expanded to labs within the AHB, the Medical School Teaching Facility, the University of Maryland School of Medicine's General Clinical Research Center, and the Baltimore Veterans Affairs Medical Center. This year, we had an increase of 140 percent in research proposal submissions and a 34 percent increase in research grant awards!

We have been preparing for two major events in 2006: the accreditation site visit for our DPT program and the 50th anniversary of the department.

Several events were held this fall to kick off the anniversary celebration. You will see some photos in this issue of *Proficio*. I was very honored and excited to receive the endowed professorship provided by George Hepburn '74 (featured in this issue) and Dynasplint Systems, Inc. We are indebted to George for his support and confidence in our pursuit of excellence.

In 2006, we look forward to the School of Medicine's Fund for Medicine Gala that will feature our department. Anniversary events will continue in May during commencement festivities and culminate with a great fall event. Stay tuned for details.

Mary M. Rodgers, PT, PhD

George R. Hepburn Dynasplint Professor and Chair



One *in a* Million

BY MICHELE WOJCIECHOWSKI

PHOTOGRAPH BY BILL McALLEN

George R. Hepburn, PT, '74 seems to have it all: Dynasplint—the highly successful company he founded, six great kids, a loving wife, and a strong faith. Now, he's decided to give back in a big way.

Hepburn recently became the first alumnus of the University of Maryland School of Medicine's Department of Physical Therapy and Rehabilitation Science (PTRS) to make a monetary gift to endow a professorship. His recent donation of \$1 million resulted in the establishment of the George R. Hepburn Dynasplint Endowed Professorship.

To say that the department was thrilled would be an understatement.

"I think it is wonderful," says Mary Rodgers, PT, PhD, Department of PTRS chair. "We are very fortunate to have someone like George who is a visionary who can see what a huge impact his endowment can have on the whole profession through this department. He's a fantastic guy."

Hepburn didn't make the gift, though, for the accolades that would accompany it. He did it because of his dedication to the field of physical therapy and in appreciation for the school that gave him the background to get him to where he is today.

Before Dynasplint

Hepburn didn't set out to be the head of a multimillion-dollar company. After graduation, he just wanted to get a good job as a physical therapist, where he could learn as much as possible. He accepted a job with what was then South Baltimore General Hospital (now Harbor Hospital), despite that it paid the lowest of the offers he had received. Hepburn did this to work with Gilbert Fine. It was Fine's reputation as a good clinician that drew Hepburn to the position.

"Also, he had a private practice orientation in his thinking," recalls Hepburn. "Even though he was working at a hospital, he still had a private practice orientation in the arrangement he had with them. At that time, I thought the best people were in private practice."

Hepburn adds, "My quest was to learn about the very best thing to do to the patient, so I wanted to go to the best, most expert person available to me."

For the next two years, Hepburn learned a great deal about orthopedics. The facility had a good flow of patients, and Hepburn saw a lot of them. "Where there's work, there's opportunity," he says.

At the time, though, Hepburn was married and had a child. So he needed to make more money. An orthopedic surgeon asked him to work at the Hammonds Lane Medical Center in Anne Arundel County, Md., seeing patients. He began doing that three evenings a week.

When he was asked to work at a nursing home on Saturdays, he began doing that, too. Then he began working on Tuesday and Thursday nights as well. "It was definitely stressful," he says, both professionally and personally.

In 1976, Hepburn determined that he had enough money coming in from his evening and nursing home work to quit his job at the hospital. He did, and ended up buying the Hammonds Lane practice. Hepburn had a lot of work coming in; he was serving five nursing homes and seeing tons of patients. He hired about six full-time people. His practice was flourishing.

But he was about to meet a woman who would change the entire focus of his career.

Necessity, The Mother of Invention

While seeing patients in nursing homes, Hepburn came across a difficult case. A woman in her 80s had organic brain syndrome, and she was always in a fetal position on her bed. Hepburn was to perform physical therapy on her with the hope that she would be able to get up and sit in a chair. It was a near impossible task.

"I can still see her," says Hepburn while recalling that period of his life. As he would try to stretch her legs, he would often think, "What can I do to help this person?" He knew that the work he would do for 15 minutes had no impact because she would curl back up when he let her go. Buck's traction did not work either.

Hepburn was frustrated because he knew that he and his practice had been hired to be there. He had to do something, but what he could do wouldn't help the woman. He wasn't able to do any good.



Antwina M. Steger inspects a newly refurbished knee flexion system.

Then the thought occurred to him that if he were able to be with the woman for six to eight hours to constantly stretch and reposition her, he might be able to help her. Of course, he could not physically be there that long. So he began to think about what he could put on her arms and legs that would service her knees and elbows and stretch her like his hands would stretch her. He also wanted something that would be simple enough for the nursing home staff to make adjustments to, and be easy to put on and take off because Hepburn wouldn't always be there to do it.

He says he went home on a Friday night in June 1979, and began drawing what this contraption would look like. After talking with a salesman he knew in the PT field, Hepburn was referred to Ed Kratfel, an engineer who worked in the basement of his home in Rosedale, Md. After a few weeks, he gave Hepburn three design options. Hepburn chose one, paid Kratfel \$1,400, and ordered 20 of them.

From 1979-81, Hepburn used the prototype on his patients. And he got results. Dynasplint was born.

Dynasplint Today

Dynasplint Systems, Inc. now has more than 400 employees working throughout the United States, Canada, and Europe. It has gone from carrying one kind of splint to having more than 60 products, as well as more than 20 adaptive pieces, most of which have been designed by Russell Vedeloff who began with the company in 1984.

Most recently, Dynasplint has branched out with a veterinary splint that is helping to save injured foals



Sharon Conyer records all recently returned Dynasplints.

of racehorses that previously would have been euthanized, and dogs with injuries that once would have required leg amputations.

Giving Back

Hepburn says that he believes it's important to give back and to reinvest in something that is good—like the Department of PTRS. He says a PT education is so important that he wishes all of

his kids could go through the PT program—even if they wanted to work in some other discipline. "It's a good thing to learn how your body works," says Hepburn.

Something else Hepburn would like to pass on is a message to students. "Ethics and integrity is of the utmost importance, and it's something that you don't pay much attention to when you are younger," he says. While PTs have standards set forth by the American Physical Therapy Association—and they are good ones, he says—students have to realize that there will be times in their careers when no one will be looking, and they will need to have personal guidelines so that they will know to do the right thing.

In terms of giving back, there is only one person whom Hepburn wasn't able to help—that elderly lady who was the inspiration for the Dynasplint. She passed away before the first one was made. But because of her, and Hepburn's training and imagination, the field of physical therapy was changed forever. ■

Michele Wojciechowski is a freelance writer in Baltimore, Md., and a regular contributor to Proficio.



Checking *in* with Class Members *from the* '60s *and* '70s

BY MICHELE WOJCIECHOWSKI

With the 50th anniversary of the Department of Physical Therapy and Rehabilitation Science (PTRS) approaching in 2006, *Proficio* is continuing its series of reconnecting with former class members. In this issue, we talk to members of classes from the 1960s and 1970s.

Revisiting the '60s

Don Hiltz '61

Don Hiltz began his career in physical therapy working at a private practice owned by Gilbert Fine. Less than two years later, in January 1963, Hiltz became the director of physical therapy at Holy Cross Hospital in Silver Spring, Md. Just one year later, in January 1964, he opened his own private practice in Chevy Chase, Md., specializing in acute orthopedic care.

Hiltz ran his practice from 1964-85, and then moved with his family to Alabama, ostensibly to retire. But retirement didn't last long.

"There was an opportunity I could not resist, and I opened up another private practice in Alabama," recalls Hiltz.

In 1994, Hiltz retired for good—at least from owning private PT practices.

From 1989-99, he served on the state board of physical therapy in Alabama. When he retired for the second time in 1994, he had some time on his hands and was asked to investigate some regulatory complaints. He became certified as an administrative law investigator. While investigating for the board of physical therapy, Hiltz was contacted by the state board of social work examiners and the state board of podiatry. Now, he investigates for all three health care boards.

Hiltz also volunteers, teaching math and English at the local junior college two mornings a week. In his spare time, though, he has a passion for cars.

"I'm what they call a 'gear head.' I have always been intrigued by cars," says Hiltz. His latest is a 2003 Dodge Viper.

Peggy Schmitt '69

A Baltimore native, Peggy Schmitt began her first job at Baltimore City Hospital (now Johns Hopkins Bayview Medical Center) after graduation. She wanted to be a pediatric therapist, but when she graduated, such jobs were scarce.

At Baltimore City Hospital, she was a PT in orthopedics and the only female on an entire staff of

men. "It was great fun," she recalls.

She was the liaison for orthopedics and did rounds with the chief of orthopedics and residents each morning. "At the time, physical therapy was very different because there weren't any total joint replacements," says Schmitt. "It was highly geared toward fractures and accidents."

Schmitt stayed at the hospital for 25 years, but not in the same department. She became interested in the burn unit (it became the Baltimore Regional Burn Center, later known as the Johns Hopkins Bayview Burn Center), and worked there exclusively from 1985-94 as the director of burn rehabilitation.

After she left Bayview, Schmitt says, "I did everything." She worked in nursing home care, she became the rehabilitation director for Lorien Frankford Nursing Home for four years, and she worked for one year at the Maryland School for the Blind.

Today, she works with General Healthcare Resources as a physical therapist in facilities where they need, but don't have, PTs. So she works both short- and long-term assignments.

"I enjoy working with the clients, being involved in their lives," Schmitt says. "The field has grown. There's always something new happening."

Each August, she volunteers for the Mid-Atlantic Burn Camp, running the arts and crafts program. She is also writing "the Great American Novel."

Connecting with the 1970s

Lynn Rudman '76

Instead of staying in Maryland, Lynn Rudman began her first job after graduation in Mechanicsburg, Pa., at a rehabilitation hospital where she had completed her final clinical affiliation. She worked there for three years in an acute rehabilitation setting, while living in nearby York.

"It was a lot of fun, and I met a lot of nice people and had some good experiences," Rudman recalls.

When she found out about an opening at what was then the Montebello Rehabilitation Hospital in Baltimore, she applied. She spent the next 13 years as a supervisor in several of the rehabilitation units. In 1992, Rudman left Montebello to go to the

New Children's Hospital in Baltimore to be the PT director of the rehabilitation unit.

"In its own way, it was a very good little place. It was small and very personal [with a] good staff, and the patients loved being there because it was small and personal," says Rudman. Unfortunately, the hospital had financial problems and closed in 1999.

Now, Rudman is not working in the physical therapy field because she is in another job that has captured her passion. She works in administrative development at Hillel of Greater Baltimore, a nonprofit organization that provides support to Jewish students who want to go to college. Hillel provides not only religious services, but also educational, cultural counseling, and social things to do for students who may be away from home for the first time.

Throughout the years, Rudman served as president of the Maryland chapter of the American Physical Therapy Association (APTA). In 2002, the Department of PTRS honored her with the Outstanding Alumni Award. Then, in 2003, the Maryland chapter of the APTA honored her with the Henry O. and Florence P. Kendall Award.

Although she's not working in the field now, Rudman says, "I would never give up my PT license. I've made so many different friends, colleagues, and contacts over the years. I still want to give back and be a part of it."

Barbara Joslow '79, MD

In January of her junior year in college, Barbara Joslow decided that she wanted to go to medical school. To make sure it was the right decision for her, she finished her education, taking all the necessary prerequisites before working as a PT. Her first job was at North Charles General Hospital.

During that time, she realized that what she liked most about the job was the history, evaluation, and treatment planning. For several years, she attempted to get into medical school. When that was unsuccessful, she studied pathology and neuropathology in the master's program at the University of Maryland School of Medicine. She attended graduate school for a year,

while working for the Visiting Nurse Association to support herself.

At the age of 25, she decided to try once more to get into medical school. For her, the third time was a charm, and she was accepted into the Uniformed Services University for the Health Sciences (the military's medical school training).

Joslow attended medical school from 1983-87. She then did her residency in neurology at Walter Reed Army Medical Center until 1991. Joslow asked to be stationed in Germany at Landstuhl (where wounded soldiers from Iraq and Afghanistan are flown before going to the United States). Except for a one-year fellowship, which she completed at Walter Reed, she's been at the same hospital ever since.

Why did she decide to become a neurologist? Joslow writes via e-mail, "Neurology fits my personality perfectly. I love mysteries and crossword puzzles. Neurology is a lot like those activities. Patients come in with clues (their symptoms and history), and I have to make it fit and solve the puzzle."

She adds, "It started in physical therapy school when we had clinical neuroanatomy. The textbook was full of case histories, and I was hooked. I am fascinated by the way the brain and the nervous system work and how you can usually make the diagnosis based on the history and exam alone."

Joslow was recently promoted to full colonel and will be leaving Germany in the summer of 2006. She then hopes to finish her last two years in the military in Augusta, Ga., and then retire and work part time. ■

Keep Us Posted!

By logging onto www.pt.umaryland.edu/alumni, you can make sure that we have all of your up-to-date information, so we can keep your fellow classmates posted too! Tell us about your career, family, and laurels, and we'll make them known. It's that easy! And in return, we'll be able to keep you posted on all the continuing education courses and events that are of interest to you. Post it today!

The McMillan Scholars: Harrington & Arnold

BY MICHELE WOJCIECHOWSKI

Making history isn't the easiest thing to do, but two former students of the University of Maryland School of Medicine's Department of Physical Therapy and Rehabilitation Science (PTRS) have done just that.

In 1996, Jennifer (McCuen) Harrington, BS '94, MPT '96, became the first person from the Department of PTRS to receive the prestigious Mary McMillan Scholarship Award given each year by the American Physical Therapy Association (APTA). In 2005, Daryl Arnold, DPT '05 became the second.

One of the characteristics of this award that makes even the nominees stand out is that the student must be selected by both the faculty members of the program and the student body.

Mary Rodgers, PT, PhD, chair of the department, says that each fall, faculty members begin looking at their final-year students—checking their academic records and their involvement in leadership roles—to determine whether they have a student who is particularly outstanding. If so, and the faculty as well as the person's classmates agree, they begin the application process to officially nominate the person for the award.

Harrington, who now works as the manager of the Department of Rehabilitation Services at the University of Maryland Medical Center, says that it was an honor to have her classmates, as well as the faculty, think highly enough of her to nominate her for the award. She admits she worked long hours to be the

best possible student that she could be so that she would also be the best possible therapist she could be.

"It was nice that all that hard work was recognized," says Harrington. "It is obviously a huge honor."

Daryl Arnold, who is now working as a physical therapist in outpatient orthopedics at Violand and McNeerney, PA in Ellicott City, Md., was similarly thrilled when the faculty and his classmates nominated him for the award. And when he won, he said, "I felt like I won the Super Bowl!"

"It's a prestigious award, and I'm honored to have received it."

Who Was Mary McMillan?

So who was Mary McMillan, and why is there an award named after her? According to the APTA, McMillan was the founding president of the American Women's Therapeutic Association, which she established in 1921. The association was later called the American Physiotherapy Association and eventually became the American Physical Therapy Association.

Born in Hyde Park, Mass., but raised in England, McMillan was known as a pioneer in the physical therapy field, both in the United States and abroad.

Educated at the College of Physical Culture in Liverpool, England, McMillan worked with children in her early years.

McMillan wrote the first American textbook about physical therapy, *Massage and Therapeutic Exercises*. In addition, she began the first physical therapy department in the United States Army when she was assigned to the Walter Reed Hospital as the head reconstruction aide.

Also an esteemed instructor, McMillan taught at Reed College in Portland, Ore. In 1941, when the bombing of Pearl Harbor brought the U.S. into World War II, McMillan volunteered her services at the Army Hospital in Manila.

Mary McMillan was so obviously devoted to the profession of physical therapy that she made a provision in her will for a trust fund that would “provide scholarships for worthy students in the field of physical therapy.” With that provision, the Mary McMillan Scholarship Award was born.

The Award Today

Students nominated for the Mary McMillan Scholarship Award must be in their final year of study—but they can be in a physical therapy assistant (PTA) program, an entry-level doctor of physical therapy (DPT) program, or a master’s in physical therapy program (MPT). Only one student may be nominated from each school’s program.

The APTA has established criteria that it uses to select the winners of the award. Winners must have superior scholastic performance, past productivity within the field, evidence of potential contribution to the physical therapy field, and service to the APTA.

Kristy Benton-Grover, director of the executive office and the manager of the awards program for the APTA, says that the award is not based on financial need; the monetary part of the award is now given as a check rather than a scholarship. The first award was given out in 1963 (McMillan died in 1959). Today,



Jennifer (McCuen) Harrington and Daryl Arnold

there are anywhere from eight to 10 recipients, and the selection committee tries to have at least one PTA among the award winners.

Winners receive their awards at the national conference of the APTA.

“This award shows the value that Mary McMillan placed in the future of the profession, in the students,” says Benton-Grover. “If we don’t support and acknowledge what they are doing at this

very early start in their careers and bring them into the profession, where are we going to be 10 years from now?

“Some of these students—you read the nomination packets—and I don’t know how they do it. They are so active, so giving in their community—working jobs, going to school full time, and just putting so much time and energy into helping people, which is what physical therapy is all about.” Benton-Grover says that the nominees for this award represent the best of each class.

Because the awards are now given out when the winners are at the end of their education, the money is not used as a scholarship, but rather as a means to help the new physical therapists start out in their careers. Whether they use the funds to relocate, get an apartment, or pay off part of their student loans, the award is designed to help them in their transition from student to professional in the physical therapy field.

This year, MPTs or DPTs who won the award received \$3,000, while PTAs received \$1,500.

Because of the significance of this award, it is not surprising that the Department of PTRS was excited when Daryl Arnold won. “We thought he was very deserving,” says Rodgers. “We’re very pleased that the committee that makes the decision felt the same way we did about Daryl. We thought he was special and very much exemplified the characteristics that they were looking for.

“We were delighted,” she adds. ■

Michele Wojciechowski is a freelance writer in Baltimore, Md., and a regular contributor to Proficio.

President's Message



Dear Fellow Alums,

What an exciting time to be a physical therapist and an alumnus of the Department of Physical Therapy and Rehabilitation Science (PTRS). As you know, in 2006, the department is proudly celebrating

50 years of educational excellence. The Department of PTRS has made great strides throughout the years, and our alumni are among the greatest contributors to our success.

I would like to thank everyone who participated this fall to help kick off our 50th anniversary celebration. There were plenty of opportunities for learning, networking, and engaging in good old-fashioned socializing. A special acknowledgment goes to Kathy Davis and Carrie Foeller for presenting the free continuing education program sponsored by the PTRS Alumni Association in October.

Please join me in applauding the consistent efforts of faculty, staff, students, and alumni in helping to make this a special year, especially the PTRS Alumni Association Executive Board and the key staff contributors to the anniversary celebration: Alyssa Menkes, Karen McGuire, and Angel Jackson. I would also like to express our appreciation to the following alumni representatives who helped to promote our fall events to their classmates: Jane Satterfield '64; Nancy Vogler '68; Peggy Schmitt '69; Betty Tuleya Knerr '72; Lynn Rudman '76; Tom Horn '83; Linda Horn '84; E. Tonas Kalil '85; Margaret Finley '87; Dennis Martucci '88; Beth McCoy '97; Barbra Koczan '98; Jeffrey Hawk '99; and Donna (Berlin) Perlstein '65.

As we embark on a new year, I encourage each of you to participate in upcoming department activities, contribute to our annual fund, and seek an active role in the board as a committee leader. Help us continue to be a strong PTRS Alumni Association. I look forward to seeing many of you at our upcoming events this spring.

Best wishes,

Karen Gordes, MPT '98, DScPT '03
President, PTRS Alumni Association

Class News

Donald L. Hiltz '61 sold his practice in Gadsden, Ala. in 1994. Since retiring from clinical practice, he has been investigating regulatory complaints and contracts with three health care boards: physical therapy, social work, and podiatry. He and wife, Debbie, have a 14-year-old son.

Jeanne Scheele '68 is still working part time in Arlington, Va., and enjoys spending time with her three beautiful grandchildren.

Nancy Vogler '68 retired last year after 32 years as chief of physical therapy at the Veterans Affairs Medical Health Care System in Baltimore. Since then, she has continued to share her skills and enjoy patient care three days per week at the Outpatient Rehabilitation Department at Good Samaritan Hospital in Baltimore. She is also spending more time with her son, Ryan, and sharing life with **Paul Brager, '73** at their home together in Owings Mills, Md.



Nancy Vogler '68 and Paul Brager '73 at Mt. Cook in New Zealand.

Eileen Volkmer Leaman '69 is retired, but still keeps busy. Her son attends Bucknell University in Lewisburg, Pa.

Patricia Geise (Comfort) Provance '71 was a co-author of the fifth edition of the Kendall classic *Muscles, Testing and Function: With Posture and Pain*. In February, she successfully passed an exam to become

a Multiple Sclerosis Certified Specialist—one of just 100 multidisciplinary specialists in the country.

Paul Brager '73 retired last year after 31 years as principal and clinical operations manager at Litofsky, Brager & O'Brien Physical Therapy. Since then, he has been working in practice management and clinical management consulting, spending more time with his family, and traveling the world with Nancy Vogler '68. Their first date was at the PTRS Alumni Association's Orioles game in June, 1996, and they have been together ever since.

Judith Fried '78 and husband, Jerry, retired five years ago and now live in Florida near Fort Lauderdale. They enjoy playing golf, swimming, and spending time with their two grandsons. Their daughter, Robyn, is a veterinarian, and her husband, Jay, is a professor of marine biology at Florida Atlantic University. Their son, Tobin, is a computer program designer in Maryland, and his wife works at the Ritz-Carlton Georgetown in Washington, D.C.

John S. Taylor '81 opened Agape Physical Therapy and Sports Rehabilitation, a new outpatient orthopaedic clinic in Harford County, Md. with fellow classmate, **Joseph Colgain '81**. Taylor also has a practice, Carroll Sports Rehab, in Carroll County.

Jan "Miki" Takemori '81 is a newlywed. She and husband, John Floyd, were married July 1. They live in Boston, Mass.

Susan J. Schwenz, PT '85, PhD, has transitioned from her full-time faculty position at Regis University in Denver, Colo., to accept a position in sport psychology at a private practice in the Denver area. In her new role, she will focus on athletes and active residents of all ages using sport psychology techniques and talk therapy to avoid or recover from injury, and to learn life skills through sports. She continues to act as an affiliate faculty member at Regis and teaches therapeutic riding at Hoofs 'n Paws Development

Center on the weekends to help children and young adults improve physical and psychosocial challenges.

Rachel Joy '86 is currently working at the Glade Valley Nursing and Rehab Center in Eldersburg, Md., after working 11 years at Shady Grove Hospital. Her employer awarded her with the "Oscar of the Year," recognizing her excellence in customer service. Joy's two daughters are now ages 10 and 12, and she recently celebrated her 15th wedding anniversary with her husband on a trip to the Grand Canyon. She enjoys spending her spare time on hobbies, including Irish dancing and computer photo editing.

Paul Laine '90 owns a private practice in Jupiter, Fla. He enjoys spending time with his children Cannon, 2, and Adriana, 5.

Kim (Palechek) Purdue '95 left the U.S. Air Force several years ago, but is still working for the U.S. Air Force Reserves. Most of her time is now spent as a stay-at-home mom with daughters Claire, 2, and baby Catherine, born July 27. She plans to eventually return to work after her children start school. She and husband, Jarrett, who is also in the U.S. Air Force, live in Las Vegas, Nev.

Nona Cedrone '96 has been busy working at the Walter Reed Army Medical Center for the past five years as its only pediatric physical therapist. Once a week, she works in the Neonatal Intensive Care Unit at the National Naval Medical Center, which she says is a very rewarding experience. On the weekends, her spare time is devoted to rental properties she and boyfriend, Ray, own in Baltimore.

Joanna (Bainbridge) Blackburn '96 and **Bruce Blackburn '97** now have three children: Julia, 7, Brian, 5, and the newest family member, Isabella Rose, born Aug. 5. Joanna is running a private practice with 18 physical therapy, occupational therapy, and SLP professional staff members. Plans are under way to expand the occupational therapy practice into an aquatic and wellness center.

Julie Bartos '97, a physical therapist for Baltimore County Public Schools, was honored as a showcase presenter in April at the Council for Exceptional Children's national conference in Baltimore. She is the project co-founder for "Celebrating All of Us," a Web-based resource that promotes the inclusion of young children with disabilities in their neighborhood schools and communities, through inclusive play and literature-based lesson plans. The program has also been presented to occupational and physical therapists in Baltimore County Schools, the Towson University library reference staff, and the Chesapeake Down Syndrome Parent Group.

Jennifer Carmichael '00 and husband, Karson, are living in Eldersburg, Md., and having fun with their 2-year-old daughter, Jessica. Carmichael is working part time at HomeCall, Inc., a home health agency that provides care outside the nursing home or hospital environment.

Kristin (Supik) Eyler '01 is working as a senior physical therapist at the University of Maryland Medical Center along with fellow classmates, **Stephanie (DeLorenzo)**

Harte '01, and **Mary Easter '01**. Eyler and husband, Justin, have been married for three years and enjoy traveling in their spare time.

Births

Karen Abraham-Justice '89 announces the birth of her daughter, Ainsley Elizabeth, on Jan. 25.

Rachel (Serio) Gochbauer '99 and **Josh Gochbauer '99** announce the birth of their daughter, Jamison, on Feb. 9. She joins big sister, Haley, 3.

John A. Baur '01, '03 is the proud father of daughter, Brooke, born July 12.

Jennifer (Hightower) Foughty '03 and husband, Bryan, announce the birth of their son, Dylan Bryan, born May 15.



Brooke Baur, 8 pounds, 3 ounces, 21.25 inches long.

Alumni Honored at APTA Annual Conference in Boston

Florence Kendall, PT, FAPTA, LHD '99, received the 2005 Charles Magistro Distinguished Service Award for her outstanding service and personal commitment to promoting the goals of the Foundation for Physical Therapy. A long-time supporter, Kendall continues to donate her dollars and time to the foundation through many avenues, including book sale proceeds, lectures, and the Kendall endowment, which funded six \$5,000 Mary McMillan Doctoral Scholarships. Kendall received an honorary doctorate from the University of Maryland School of Medicine in 1999.

Steven H. Tepper, PT '79, PhD, received the first Robert C. Bartlett Innovation in Fundraising Award. During the last three years, he has raised more than \$7,000 for the Foundation for Physical Therapy by donating all proceeds from the sale of his course reference materials for lectures he gave throughout the nation. Tepper is the past president of the American Physical Therapy Association's Cardiovascular Pulmonary Section.

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2005 Faculty Activities

PUBLICATIONS

Gad Alon, PT, PhD, associate professor, co-authored an article in the 2005 issue of *Magnetic Resonance in Medicine* titled "Reliability Estimation of Grouped Functional Imaging Data Using Penalized Maximum Likelihood."

Roy Bechtel, PT, PhD, assistant professor, and S. Benjamin and J. Flood co-authored "Isokinetic Testing Prior To and Following Anterior Lumbar Interbody Fusion Surgery: A Pilot Study" in the 2005 issue of *Isokinetics and Exercise Science*.

Larry Forrester, PhD, assistant professor; Andreas Luft, MD; Richard Macko, MD; **Sandy McCombe Waller, PT, PhD, NCS**, assistant professor; **Jill Whitall, PhD**, professor; **Federico Villagra, PhD**, assistant professor; and Daniel Hanley, MD; co-authored an article titled "Brain Activation of Lower Extremity Movement in Chronically Impaired Stroke Survivors" in the 2005 issue of *NeuroImage*.

Florence P. Kendall, PT, FAPTA, voluntary faculty; Elizabeth Kendall McCreary, BA; Patricia Provance, PT '71; **Mary Rodgers, PT, PhD**, professor and chair; and **William Romani, PT, PhD**, assistant professor; co-authored a book titled *Muscles, Testing and Function: With Posture and Pain*, fifth edition, published in 2005.

Sandy McCombe Waller, PT, PhD, NCS, assistant professor; **Jill Whitall, PhD**, professor; **Larry Forrester, PhD**, assistant professor; and other co-authors wrote an article for the October 2004 issue of the *Journal of the American Medical Association* titled "Repetitive Bilateral Arm Training and Motor Cortex Activation in Chronic Stroke."

Sandy McCombe Waller, PT, PhD, NCS, assistant professor; and **Jill Whitall, PhD**, professor; co-authored "Hand Dominance and Side of Stroke Affect Rehabilitation in Chronic Stroke" for the 2005 issue of *Clinical Rehabilitation*.

Victoria Moerchen, PT, PhD, assistant professor, co-authored an article with A.L. Carrel, S.E. Meyers, M.T. Bekx, B.Y. Whitman, and D.B. Allen in the 2004 *Journal of Pediatrics* titled "Growth Hormone Improves Body Composition and Mobility in Infants and Toddlers with Prader-Willi Syndrome."

Susanne Morton, PT, PhD, assistant professor, and AJ Bastian, co-authored an article in the 2004 issue of the *Journal of Neurophysiology*, titled "Prism Adaptation During Walking Generalizes to Reaching and Requires the Cerebellum."

Chris Wells, PT, PhD, CCS, ATC, adjunct assistant professor, wrote "Psychomotion Performance in Lung Transplant Recipients: Simple Reaction Time" in the *Journal of*

Heart and Lung Transplantation, 2005.

Jill Whitall, PhD, professor, co-authored an article with N. Getchell and S. McMenamin for the 2005 issue of *Adapted Physical Activity Quarterly*, titled "Dual Motor Task Coordination in Children With and Without Learning Disabilities." Whitall and Getchell also wrote "Transitions to and From Asymmetrical Gait Patterns" for the 2004 issue of the *Journal of Motor Behavior*.

PRESENTATIONS

Gad Alon, PT, PhD, associate professor, was an invited speaker on the subject of "Electro-Pediatrics" at Shriner Hospital in St. Louis, Mo. In June, Alon was invited to speak at the APTA Annual Conference and Exposition in Boston, Mass., where he presented "Therapeutic Technologies and the Management of Upper Limb Function and Locomotion Deficits." He was also an invited speaker on "Functional Electrical Stimulation in Neuro-rehabilitation" at the 2005 Meeting of the Dutch Society of Rehabilitation Medicine in Utrecht, Netherlands.

Margaret Finley, PT, PhD, research assistant professor, spoke in July 2004 at the Massachusetts Institute of Technology, in Cambridge, Mass., on the topic of "Rehabilitation Research and Robotics" for students of the Newman Laboratory for Biomechanics and Human Rehabilitation.

Ellen Wruble Hakim, PT, DScPT, MS, CWS, FCCWS, assistant professor; Jeffrey Hawk, information technology specialist; and Ruth Cooke, MPT, MSED, CWS; presented "Website Development as Content and Technology Assessment" at the Sun Conference on Teaching and Learning on March 25 in El Paso, Texas.

Ellen Wruble Hakim, PT, DScPT, MS, CWS, FCCWS, assistant professor; Ruth Cooke, MPT, MSED, CWS; and Daniel Hakim, PT, DScPT, CWS; made a poster presentation titled "Influence of Manufacturing Interaction on Student Perceptions and Clinical Decision-Making" for the Clinical Symposium on Advances in Skin and Wound Care in Phoenix, Ariz. in September 2004. The same group presented a poster on "Exploring the Influence of Student Physical Therapist Interactions with Medical Sales Representatives" at the 2005 Combined Sections Meeting of the APTA in New Orleans, La., in February.

Sandy McCombe Waller, PT, PhD, NCS, assistant professor, presented on "Central Motor Control Mechanisms in Left and Right Handed Adults" at the First Neuroplasticity and Rehabilitation Science Conference in Switzerland. She made the same presentation at the 2005 Combined Sections Meeting of the American Physical Therapy Association in New Orleans, La., in February.

Victoria A. Moerchen, PT, PhD, assistant professor; Aaron Carrel, MD; and David Allen, MD; pre-

sented a poster titled "Prader Willi Syndrome: Is There a Motor Effect of Early Growth Hormone Treatment?" at the 2005 Combined Sections Meeting of the APTA in New Orleans, La., in February.

Mary M. Rodgers, PT, PhD, presented the President's Lecture "Rehabilitation and Biomechanics: Do the Locomotion" at the 20th Congress of the International Society of Biomechanics in Cleveland, Ohio, in August 2005.

David Russ, PT, PhD, assistant professor, presented "Aging Skeletal Muscle: More Than Sarcopenia?" at the Annual Meeting of the American Physical Therapy Association of Maryland in Catonsville, Md., in October 2004. He also presented "Sex Differences in Human Skeletal Muscle: Fatigue & Metabolism" at the University of Delaware's Biomechanics and Movement Science Seminar in Newark, Del.

Jill Whittall, PhD, professor; and **Sandy McCombe Waller, PT, PhD, NCS**, assistant professor, were invited to present "Using Transcranial Magnetic Stimulation to Investigate Mechanisms Due to Bilateral Arm Training in Stroke Rehabilitation" at an annual conference in May on "Imaging Recovery from Stroke" in Hamburg, Germany.

AWARDS & GRANTS

Michelle Harris-Love, MPT, PhD, was honored at the 10th annual Geriatrics and Gerontology

Education and Research Program's student award ceremony on May 16 for exceptional contribution to the field of aging.

Mary Rodgers, PT, PhD, professor and chair; and **Margaret Finley, PT, PhD**, research assistant professor, were awarded a three-year grant of \$79,084 from Magic Wheels Inc. in Seattle, Wash., for research in "Two Speed Manual Wheelchair." Rodgers also received \$109,234 in funding from the National Institutes of Health for the "Advance Rehabilitation Research Training Project."

Federico Villagra, PhD, assistant professor, received approval for a second year as a Claude D. Pepper Junior Faculty. The \$15,000 award will assist with his research on bilateral training in stroke patients.

Chris Wells, PT, PhD, CCS, ATC, adjunct assistant professor, was named a Health Care Hero by *The Daily Record* in March 2005 for her teaching and clinical work.

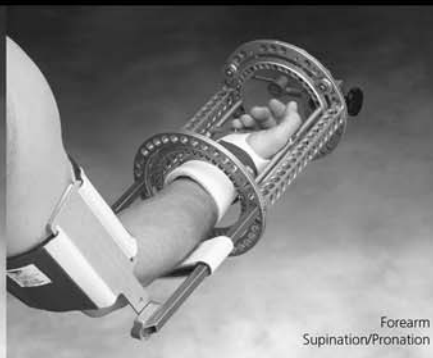
OUTREACH & SERVICES

Vincent Conroy, PT, DScPT, instructor, is the clinical director for the PTRS Service Learning Center, a project in student service learning that provides physical therapy education and treatment for medically indigent and disadvantaged patients. See article on page 29 for more information.

Katherine Davis, PT, MA, assistant professor, spoke on the topic of



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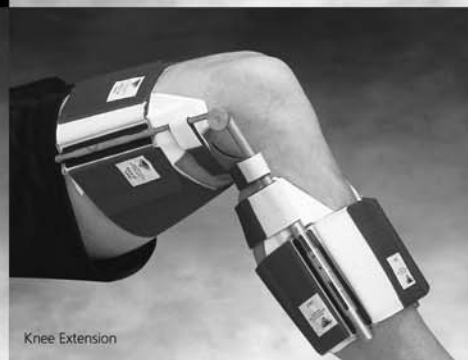
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"Physical Therapy and Pharmacy: What Can a Pharmacist Do to Help Us and Vice Versa?" at the University of Maryland School of Pharmacy in September 2004. In January, she also presented on "Geriatrics and Humor" for the Geriatric Imperative Minimester at the University of Maryland, Baltimore. In May, she returned to the Mount Holly Middle School in New Jersey to speak to students about "Using Math in Physical Therapy."

Margaret Finley, PT, PhD, research assistant professor, spoke in January to a spinal injury support group on "Shoulder Pain and Spinal Cord Injury" at Kernan Hospital in Baltimore.

Sandy McCombe Waller, PT, PhD, NCS, assistant professor, and **Jill Whitall, PhD**, professor, presented a continuing education workshop on "Evidence-based Medicine for Clinical Practice" at the University of Maryland, Baltimore in October 2004.

Jill Whitall, PhD, professor, presented in January on "Novel Arm Rehabilitation in Stroke Patients is Associated with Neuroplasticity and Improved Motor Function" at the School of Medicine's Medical Grand Rounds in Baltimore.

MULTIMEDIA

Gad Alon, PT, PhD, associate professor, produced a CD-ROM on "Pathological Movements: Analysis and Intervention Options" as a required course for the Department of PTRS' DScPT program for academic year 2005-06. He also authored an article in August 2004 titled "Functional Electrical Stimulation Brings Technology to the Patient" for the Internet news magazine, *BioMechanics*, www.biomech.com.



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Voluntary Faculty Positions Available

Opportunities exist to further develop your academic interests through a voluntary faculty position with our department. We are interested in cultivating clinical instructors who would like to be involved with teaching. To those wishing to develop their academic credentials in this way, we offer the following benefits:

- \$100-800 per year in continuing education support*
- Library card and access to training classes
- University and departmental e-mail accounts
- Parking on teaching days
- Applicable University discounts (i.e., software, hardware, books)
- Teaching-development opportunities (peer review and training)
- UMB voluntary faculty appointment "Clinical Instructor" or "Clinical Assistant Professor" (based on credentials and renewed annually).
These are University appointment designations and are not the same as the "CI" designation given to therapists who supervise our students in the clinic.

**The actual level of continuing education support would vary according to number of contact hours.*

In return, the individual agrees to provide a minimum of 30 contact hours per year in laboratory assisting or lecturing in our program. Volunteer faculty would also be expected to attend two general faculty meetings per year and an annual faculty/staff retreat.

If interested, please complete and return the Voluntary Faculty Goals and Development Form, located at www.pt.umaryland.edu, or request a copy from Marlene King at marking@som.umaryland.edu or 410-706-5216.

We welcome your participation in educating the physical therapists of the future. Here is a listing of our current voluntary faculty:

John Baur, DPT	Jennifer Harrington, MPT
Denise Bender, MEd	Mark Hopkins, PT, CPO
Anil Bhawe, MS	Neeta Kalappa, MPT
Karen Braufmann- Andrews, PT	David Krause, PT, MBA
Robert Buhr, PT	Florence Kendall, PT, FAPTA
Susan Davis, PT	Heather McLean, MPT
Stacey Devine, PT	Brian Peers, MPT
Heidi Dunfee, PT	Karin Seeley, PT
Chris Glavaris, DScPT	Rebecca Shakespeare, PT
Daniel Hakim, DScPT	Angela Ann Watts, MPT
Karen Harding, MPT	

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Student & Faculty Awards 2005

Dr. Frank H. J. Figge Memorial Award

Given to the graduating student who excels in the study of human anatomy.

Sara Derr

Laura G. Levine-Mandell Memorial Award

Recognizes a graduating student who demonstrates the caring and compassion that makes an outstanding clinician.

Joseph Strebel

Pekar-Abell Pediatric Scholarship

Recognizes the graduate student who demonstrates commitment to pediatric physical therapy through performance in the pediatric course, clinical affiliation, and by the intention to work in a pediatric setting.

Monica Bell

Senior Alumni Award

Honors the graduating student who shows outstanding enthusiasm for the profession of physical therapy and demonstrates a dedication to continuing involvement in the PTRS Alumni Association.

Christen Horn

Elizabeth G. Macaulay Memorial Award

Given for outstanding clinical proficiency.

Christen Horn

Who's Who Among American Colleges and Universities

An honors program that recognizes students with outstanding scholastic ability, significant participation and leadership in academic and extracurricular activities, citizenship and service to the school, and potential for future achievement.

Daryl Arnold

Katie Baick

Sara Derr

Robert Connolly

Christen Horn

Carrie Hughes

Joseph Strebel

Adam Weaver

Michael Wells

Geriatrics and Gerontology Education and Research Program Award

Given to the outstanding professional student who has demonstrated a commitment to the field of gerontological studies.

Michelle Harris-Love

Outstanding Graduate Award

Honors the graduate who has demonstrated overall leadership, academic excellence, and clinical proficiency.

Katie Baick

Phi Kappa Phi Honor Society

A national honor society, dedicated to academic excellence, honors students with a grade point average of 3.9 or higher.

Sara Derr

Heather Langley

Michelle Harris-Love

Clinical Instructor of the Year Award

Selected by the graduating DPT students as the most outstanding clinical instructor.

Stacy Benner, PT

*Frederick County Health
Department*

Faculty of the Year

Selected by the graduating DPT students as the most outstanding faculty member.

**Sandy McCombe Waller,
PT, PhD, NCS**

Adjunct Faculty of the Year

Selected by the graduating DPT students as the most outstanding adjunct faculty member.

**Chris Wells, PT, PhD,
CCS, ATC**

Staff Member of the Year

Selected by the graduating students as the most outstanding administrative staff member.

Terry Heron

Students Place Second in Pittsburgh-Marquette Challenge

This year, our students placed second out of 56 participating schools in the 2005 Pittsburgh-Marquette Challenge! The Pittsburgh-Marquette Challenge is a grassroots fundraising effort coordinated and carried out by physical therapy students each year to raise funds for the Foundation for Physical Therapy. This year, a record-breaking \$106,154 was raised. First place went to the University of Pittsburgh, and third place was awarded to the University of Miami.

The Pittsburgh-Marquette Challenge donations fund a one-year, \$40,000 grant for a research project to evaluate the effectiveness of physical therapist interventions. In 2005, the foundation funded a research grant to Michael C. Schubert, PT, MS, PhD, of Johns Hopkins University, for his research project, "Mechanisms of Gaze Stability in Recovery of Dynamic Visual Acuity."



Department of PTRS faculty and students

Student Wellness Outreach Project

Each year, our second-year students participate in various wellness outreach projects as part of the Doctor of Physical Therapy (DPT) curriculum. These projects are designed to provide students with practical experience in improving overall wellness to the community. It helps them to understand the importance of wellness education and screening programs and where it fits within traditional physical therapy interventions and scope of practice.

On May 2, students took part in a scoliosis education presentation and screening for sixth-, seventh-, and eighth-graders at Catholic Community School in Federal Hill, Md. The students prepared a presentation demonstrating how a scoliosis screening is performed; told students why physical therapists are concerned about this condition; and showed how scoliosis can affect physical development if not managed appropriately. In addition, they provided information on posture, the importance of maintaining good alignment of the spine, and the proper way to wear backpacks.

With the guidance of Vicki Moerchen, PT, PhD, and Gloria Webster, a nurse from St. Joseph's Medical Center, the students also conducted scoliosis screens on 40 children. After an orientation, the physical therapy students provided the children with results of their screens, educated them on the significance of these findings, and made referrals to a physician as necessary. This was a valuable learning experience for the students as well as the children.



Maryland Ravens wheelchair basketball team

Through several successful events, our students generated more than \$9,000 toward research. The events included two continuing education seminars and the first ever wheelchair basketball challenge. Faculty and students of the Department of PTRS matched up against the Maryland Ravens wheelchair basketball team in a charity game that also promoted disability awareness. The students did an incredible job of securing volunteers, sponsorships, and donated items. Last year, our students placed third in the challenge.



Congratulations 2004-2005 Graduates!

December 2004 MPT

Edith Callahan
Mina Ho
Damon Hyun Kim
Ann Marie Redding
Fausto Maurice Salazar

December 2004 Transitional DPT

David Patrick Flynn
Marguerite Haddon Flynn
Jennifer Lynn Foughty
Tiffany Kotra-Loos
David Charles Lambert
Gregory Keith LeMoine
Lindsay Blanche
Lookingbill
Jordan Mary McAmmond
Thomas Brian Mielke
Zavera Minoo Ranji
Heather Elizabeth Read
Michelle Lee Seanger
Jennifer Ann Sermas

Eleni Maria Triantis
Sandra M. Turner
Myriah John Velasquez
Megan Marie Wilson

December 2004 DScPT

John Franklin Baker
Gwen Demshok Stamper

December 2004 PhD

Michelle L. Harris-Love

May 2005 DPT
Anahita Anvari-Clark
Daryl K. Arnold
Katie B. Baick
Jessica E. Beall
Aimee N. Becker
Monica E. Bell
Tyler J. Buege
Lance B. Campbell
Hannah B. Connolly
Robert P. Connolly

Sara B. Derr
Amy M. Sacra Ferenschak
Krista L. Graf
Christen L. Horn
Carolyn Brunetto Hughes
Trevor P. Johnson
Heather L. Langley
Netanel Levi
Jason A. Nunn
Kwabena Ofori-Ansah
Theodore P. Porada
Yvette K. Samuels
Andrew E. Singer
Daniel P. Somers
Joseph S. Strebel
Kathleen M. Tonini
Laura H. Uzarowski
Shannon R. Monahan
Veillette
Adam P. Weaver
Michael P. Wells
Brianne A. Witman

**May 2005 Transitional
DPT Degrees**
Christina Hartswick Gurney
Sarah Renee Korbeck
Xiu Juan (Janet) Wu

May 2005 DScPT
James Gregory Bennett
Madeleine H. Smith

**July 2005
Transitional DPT**
Jodi Lynn Pandullo Beitzell
Laura Leigh LaBoiteaux
Birzak
Deborah Lynn Goodwin
Gerald Thomas Hoadley
Cynthia Young Holloway
Joanna Christine Hutson
Marina Y. Kachuriner
Adele A. Levine
Kimberly Lynn Morrison

Allison Marie Nigro
Rebecca Raye Sauder
Celina Renee Schmidt
Lori Noelle Snyder
Edwin Pius Udoh
Rhoger Luis Villalon
Krista Lynne Wainwright
Cassandra Robin Walz
Gannon
Pamela Lee Woodside

July 2005 DScPT
Karen Bunnell Miller
Vincent Michael Conroy
Donald Charles
Uttenreither



Dear Friends,

Now that our fiscal year 2005 has come to a close, we are pleased to report on the results of our fundraising efforts for the Department of Physical Therapy and Rehabilitation Science.

- Total Annual Fund income was \$41,792, which was a 14 percent decrease from last year.
- Overall cash received (including all corporate and individual gifts) was \$211,192, which represents more than a 200 percent increase from last year.
- Our FY05 grand fundraising total (including multi-year pledges and deferred gifts) is \$1,122,158, which includes \$35,000 in new 1956 Society pledges and \$1,040,000 pledged for an endowed professorship.

Although alumni annual fund income did not reach our goals this year, several other factors helped to boost the department's overall income including the following:

- Sponsorship contributions increased from \$3,575 to \$8,575 (140 percent) this year.
- Contributions by non-alumni individuals increased by 24 percent.
- Employees and faculty personally contributed 5 percent more this year.

Of course, our largest successes this year included advancement of the following strategic initiatives:

- The George R. Hepburn Dynasplint Endowed Professorship was established with a generous gift from alumnus George Hepburn ('74) and Dynasplint Systems, Inc. of \$1 million. This is the first professorship in physical therapy at the University of Maryland School of Medicine, and one of only a few endowed professorships of its kind in the United States.
- Membership in The 1956 Society grew to 15 people in FY05. Each member of The 1956 Society has committed to contribute \$5,000 to the Department of PTRS to help fund student scholarships and other strategic initiatives. Our strategic vision is to develop an endowed fund from these and other leadership gifts for the purpose of awarding several partial or full-tuition scholarships to incoming students.

Sincerely,
Karen McGuire
Associate Director for Development

HONORING THE 1956 SOCIETY

In 1956, the Department of Physical Therapy was founded at the University of Maryland. In recognition of this milestone, a gift club has been created to help support our scholarship funds—The 1956 Society. These gifts will help ensure that the department consistently provide scholarships to deserving students for many years to come, helping to attract the best and brightest students to our program.

This September, the following individuals and businesses were formally inducted into The 1956 Society. Members receive a lapel pin and an engraved nameplate on a special wall display located in the Allied Health Building.

- | | |
|------------------------------------|---------------------------|
| • Vincent M. Conroy '90, '05 | • Anonymous '78 |
| • Dynasplint Systems Inc. | • Florence P. Kendall '99 |
| • E. Christopher Glavaris '88, '03 | • Howard E. Neels '63 |
| • George R. Hepburn '74 | • Mary M. Rodgers |
| • Donald J. Hobart | • Lynn N. Rudman '76 |
| • Barbara Joslow '79 | • Karen R. Sack |
| • Ruth M. Latimer | • R. Dale Stephenson |
| • Edward J. Lyons '91 | • Gladys E. Wadsworth |

As we turn to those whose lives have been touched and enhanced by the education they received at the Department of Physical Therapy and Rehabilitation Science, we hope that you, too, will give thoughtful consideration to becoming part of The 1956 Society by making a gift of \$5,000 or more. Your pledge can be paid in full, or in installments of your choice over a period of up to five years. In addition, you may want to consider making a planned gift in the form of a bequest or charitable gift annuity. Your gift will truly make a meaningful difference for many talented students struggling with rising tuition costs. For more information on how you can join The 1956 Society, contact Karen McGuire at 410-706-8688.

Annual Fund

The annual fund provides scholarships, equipment, continuing education programs and much more. We need your support. Avoid our phone-a-thon call in February! If you have not already sent your annual fund contribution, please take advantage of the envelope in this magazine or make your donation online at www.giving.umaryland.edu/giveonline.

Fund for Medicine Gala

In recognition of our 50th anniversary, the Physical Therapy and Rehabilitation Science Department has been chosen as one of the featured departments of the 2006 Fund for Medicine Gala! Each year, this event celebrates the achievements of the University of Maryland School of Medicine by selecting departments and programs that showcase the advances being made in education, research, and patient care.

The third annual Fund for Medicine Gala will be held on Saturday, March 25, 2006, from 7 p.m. until midnight at the Baltimore & Ohio Railroad Museum in Baltimore. Former U.S. Secretary of Defense Frank Carlucci and his wife, Marcia, will serve as honorary chairs of the event.

The evening will begin with a cocktail reception and silent auction where guests are able to enjoy a self-guided tour of the museum exhibits. As the evening progresses, guests will move into the 1884 Baldwin

Roundhouse for dinner and view a program highlighting the accomplishments of the Department of Physical Therapy and Rehabilitation Science, as well as the Department of Neurology, and the Department of Psychiatry, which are also benefactors of the event. The evening will conclude with dessert and coffee as guests enjoy music and dancing to a live band.

The Fund for Medicine Gala, attended by approximately 500 supporters, is held to benefit the University of Maryland Fund for Medicine. The 2006 gala will provide critical funding for education, basic science research, and clinical initiatives. In addition to the highlighted departments, a portion of the funds will also be utilized by the Dean's Office to support other programs and projects throughout the School of Medicine.

We are very excited about this opportunity to generate income for our department and to highlight our accomplishments. We are seeking corporations and individuals who may be interested in supporting this event through table sponsorships ranging from \$5,000–\$25,000. For more information, please call Karen McGuire at 410-706-8688.



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Make a large gift with little cost to yourself	Life insurance gift	Give a policy with us as owner and beneficiary	Current income tax deduction; possible future deductions
Avoid the twofold taxation on retirement plan assets	Retirement plan gift	Name us as beneficiary of the remainder of the assets after your lifetime	Avoidance of heavily taxed gift to heirs, allowing less costly gifts
Avoid capital gains tax on the sale of a home or other real estate	Real estate gift	Donate the property to us, or sell it at a bargain price	Immediate income tax deduction and avoidance of capital gains tax
Give your personal residence or farm, but continue to live there	Retained life estate	Designate the ownership of your home to us, but retain occupancy	Charitable income tax deduction and lifetime use of home
Secure a fixed and often increased income	Charitable remainder annuity trust	Create a charitable trust that pays you a set income annually	Immediate income tax deduction and fixed income for life
Create a hedge against inflation over the long term	Charitable remainder unitrust	Create a trust that pays a percentage of the trust's assets, valued annually	Immediate income tax deduction, annual income for life that has potential to increase
Supplement income with fixed annual payments	Charitable gift annuity	Enter a contract with us, in which we'll pay you fixed payments annually	Current and future savings on income taxes; future payments for life
Reduce gift and estate taxes on assets passing to heirs	Charitable lead trust	Create a trust that pays a fixed or variable income to us for a set term, and then passes to heirs	Reduced size of taxable estate; keeps property in family, often with reduced gift taxes

REPORT OF GIFTS

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July 1, 2004

through June 30, 2005

The symbol (★) next to a donor's name indicates that the person or organization is a member of our Ironman Club, which was initiated to recognize those who have made a contribution each year for at least three consecutive years. These donors understand that we count on their contributions every year to carry on the tradition of excellence within the department.

Because every donation matters to us, we make every effort to ensure the accuracy of the Honor Roll. The following list includes pledges and gifts made between July 1, 2004, and June 30, 2005.

If you believe an omission or error has been made, please accept our apology. You can contact Karen McGuire at 410-706-8688 if you have a question about your account. Thank you to all who made a donation this past year. Your contribution makes it possible to strengthen our department and improve the quality of education for future physical therapy students.

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Programs Update

DOCTOR OF PHYSICAL THERAPY (DPT)

In May, our first entry-level DPT class graduated. The pass rate on the licensing exam for our entry DPT students continues to exceed the national average. We are pleased to report an average pass rate of 98 percent for first-time test takers. The eventual pass rate for all of our DPT students is 100 percent.

In June, we enrolled 51 students for the DPT class of '08. There are currently 39 students in the DPT '07, and 33 in the DPT '06 classes.

The department continues to review and revise the roles of various faculty and staff in an effort enhance the delivery of academic programs. Beginning in the summer of 2005, the responsibilities for the administration of the DPT class were revised to include oversight for the separate clinical, didactic, and administrative aspects of the program. Below are the faculty who are co-directors of the DPT program.

Carrie Foeller, Clinical Education

Responsibilities include:

- All aspects of Clinical Education
- Involvement of core faculty in Clinical Education
- Ongoing curriculum assessment and modifications based on clinical evaluation results; report findings to co-directors for implementation
- Oversight of Clinical Education Team

- Problem solving and mediation of within and between (clinical) block issues
- Clinical Qualifying Measure
- Grand Rounds
- Service Learning Center

Ellen Wruble Hakim, Didactic

Responsibilities include:

- Supervise staff support provided for Block Leaders
- Facilitate inter-block communication and coordination
- Conduct ongoing curriculum assessment and modification based on block evaluation results
- Initiate problem solving and mediation of, within, and between (didactic) block issues
- Oversight of department policies and procedures for the DPT program
- Student advancement and grievance

Sandy McCombe Waller, Administrative

Responsibilities include:

- Oversight of Commission of Accreditation of Physical Therapy Education accreditation process, including compilation of self-study documents and other reports
- Oversight of DPT annual program report
- Oversight of ongoing DPT post-graduate outcomes, including student and employer surveys and focus groups
- Oversight for DPT student handbook
- Web content
- Admissions

Post-Professional Programs Update

Please join us in congratulating our 2005 graduates from the Doctor of Science in Physical Therapy (DScPT) and Transitional Doctor of Physical Therapy (TDPT) programs. All of these graduates will be honored in precommencement and commencement celebrations in May 2006. See full listing on page 20. Our July graduates from the DScPT program are listed below with the title of their successful Final Projects.

Vincent Conroy, DScPT—"A Prosection Guide to the Upper Extremity"

Karen Bunnell Miller, DScPT—"Pediatric Physical Therapy for the Physical Therapy Assistant"

Don Uttenreither, DScPT—"Functional Capacity Evaluation Basics"

UPCOMING CONTINUING EDUCATION

Several continuing education seminars are scheduled this winter in conjunction with our DScPT program. These programs are open to the public. For information on CEUs and registration fees, visit our Web site at www.pt.umaryland.edu or contact Alyssa Menkes at 410-706-2299.

December 9-11, 2005—"Biomechanical Evaluation and Treatment of the Lumbar Spine and Pelvis," by Jim Meadows, BScPT, MCPA, COMP, NAIOMT

January 14-15, 2006—"Fundamentals of Orthopedic Radiology," by Lynn McKinnis, PT, OCS

February 10-12, 2006—"Biomechanical Evaluation and Treatment of the Lower Extremity," by Jim Meadows, BScPT, MCPA, COMP, NAIOMT

New Faculty and Staff



E. Tonas Kalil, PT, MGA

Instructor and Academic Coordinator of Clinical Education

After 10 years as an adjunct faculty member, E. Tonas Kalil, PT, MGA, joined the department in June as instructor and academic coordinator of clinical education.

"I always felt very lucky to be able to participate as an adjunct faculty member. Now, as a regular member of the faculty, I have an increased opportunity to contribute to the profession by supporting the department in its efforts to educate the next generation of physical therapists," he says.

After receiving his bachelor of science in physical therapy from the University of Maryland School of Medicine in 1985, Kalil worked for nine years at the Baltimore Regional Burn Center. During this time, he co-founded a nonprofit organization, the Mid-Atlantic Burn Camp Fund. He completed his master's in general administration, health care in 1994. Kalil has worked as a consultant for the International Association of Fire Fighters for the past 11 years. He has continued in his clinical work as an on-call therapist for several area hospitals and is a member of the Johns Hopkins Bayview Medical Center's Community Development Board. Kalil was selected as the Department of PTRS' "Alumnus of the Year" in 2001 and hopes to enter its DScPT program in the fall.



Nichole Mitchell

Accounting Associate

Nichole Mitchell joined the department's business office in June as accounting associate.

She spent most of her career with Starwood Hotels and Resorts, where she held the position of assistant controller. "I am so excited to join such a strong team. I look forward to using the skills I have acquired from private industry to support the department," she says.

In her spare time, Mitchell enjoys her family and is currently obtaining her bachelor's degree in business administration from University of Maryland University College.



Brian Smith

Manager, Clinical Education

Brian Smith joined the department in June as manager of clinical education. He provides general planning to develop and facilitate the day-to-day activities and events of the clinical

education office.

Smith comes to us from Philadelphia, Pa., where his management skills have been put to the test by such varied and prestigious institutions as the Republican National Committee and the Miss America Organization. A natural entertainer, he spends his free time working in the theater as an acting teacher, director, and producer.

Smith is pleased to be working in the academic environment. "I enjoy working with students," he says.



Yuvonne Underwood-Morris

Coordinator, DPT and Admissions

Yuvonne Underwood-Morris joined the department in February as coordinator. She provides administrative assistance for the DPT program and the student affairs office.

"I have always enjoyed working in the medical field, and after my experience in an orthopedic office, I realized the importance of physical therapists," she says. "I take my role in this department very seriously and am honored to be able to take on the tasks that have been set before me."

Underwood-Morris has a bachelor's degree in business administration and management. She has worked in various administrative roles during the past 10 years, including positions at Towson University, University of Maryland Prostate Center, and Sinai Hospital of Baltimore.

In her spare time, she is a devoted mother and active member of several school committees. She is also working on obtaining her MBA at University of Maryland University College.

PTRS Service Learning Center: Faculty & Students Serving Baltimore

The Department of PTRS Service Learning Center (SLC) provides a physical therapy care delivery system to the medically indigent and disadvantaged citizens of the Baltimore metropolitan area. The primary functions of the SLC include:

- Providing quality evidence-based physical therapy intervention to individuals who do not have access to health insurance coverage
- Providing the students enrolled in the entry-level DPT program access to patient care that is supervised and directed by a licensed physical therapist
- Affording area clinicians and alumni the opportunity to serve as role models for the students by demonstrating how one can give something back to the Baltimore community

The SLC is currently operating on Tuesdays and Thursdays from 5-7 p.m. in room 146 of the Allied Health Building. According to the center's director, Vincent Conroy, PT'90, DScPT '05, "We are still seeking patient referrals as well as area clinicians who may want to contribute to the project as clinical faculty members." Opportunities exist for short- or long-term commitments, as well as adjunct faculty appointments through the School of Medicine. If you would like to assist with patient care, or you are interested in sending us a referral, contact Vincent Conroy at 410-706-4312 or leave a message with Joyce Johnson at 410-706-7721.

"Working in the SLC was a very valuable part of my first-year experience. I had the opportunity to work with a variety of patient types. It was an excellent learning opportunity because I was able to utilize many of the skills we were learning in lab during Basic Sciences III." Karyn Lowery, SPT '07



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Rodgers Announced as the Hepburn Dynasplint Professor

Mary M. Rodgers, PT, PhD, has been named the George R. Hepburn Dynasplint Endowed Professor in Physical Therapy and Rehabilitation Science (PTRS). Dean Donald Wilson announced the appointment at the PTRS 50th anniversary dinner on Sept. 15, where Rodgers, who also serves as chair of the Department of PTRS, was honored as the first faculty member to hold the professorship.

A gift of \$1 million was given by alumnus George R. Hepburn PT '74, president of Dynasplint Systems, Inc., to support the research and scholarship of a physical therapy faculty member. The George R. Hepburn Dynasplint Endowed Professorship is one of 32 endowed professorships within the School of Medicine and is the first in physical therapy.

Rodgers has served for the past seven years as professor and chair of the Department of PTRS at the



Chair Mary M. Rodgers, PT, PhD; Dean Donald Wilson, MD, MACP; and UMB President David J. Ramsay, DM, DPhil.

University of Maryland School of Medicine. She began her academic career within the School of Medicine in 1994 as associate professor.

Rodgers came to Maryland after teaching at West Virginia University, Wright State University, and Duke University. She received her bachelor's degree in physical therapy, and master's degree in medical allied health with a major in biomechanics and education, both from the University of North Carolina at Chapel Hill. She earned her PhD in biomechanics at The Pennsylvania State University.

Rodgers has led the Department of PTRS in establishing a strong research effort and developing the Doctor of Philosophy in Physical Rehabilitation Science (PhD), Doctor of Science in Physical Therapy (DScPT) and Doctor of Physical Therapy (DPT) programs. Rodgers has co-authored 40 refereed articles on rehabilitation biomechanics and her research has been funded by the Veterans Affairs Research & Development during the past 15 years. She is currently principal investigator on three grants funded by the National Institutes of Health.

She has served on the editorial boards of two journals. Rodgers has also held offices in the American Physical Therapy Association, American Society of Biomechanics, and International Society of Biomechanics where she was president from 2003–05.

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50th Anniversary Dinner Kicks Off Festivities

On Sept. 15, 120 people attended the kickoff dinner to celebrate the founding of the Department of Physical Therapy and Rehabilitation Science in 1956. The Harbor Court Hotel provided an elegant venue for guests to reminisce with classmates and mentors.

During the cocktail reception, archive photos, literature, and artifacts were on hand as part of the department's traveling "time capsule" display.

The evening's program highlighted the department's achievements during the past 50 years, including the formal announcement by Dean Donald Wilson of the first endowed named professorship in physical therapy at the University of Maryland.

Honored guests included past department chairs Ruth Latimer and Clarence Hardiman, and the first graduates of the program—the Class of 1958. Members of The 1956 Society were also recognized.



From left to right: Ruth Latimer, Mary Rodgers and Clarence Hardiman blow out the candles on the department's 50th anniversary cake.



Classmates from 1972 reconnect at the reunion reception.

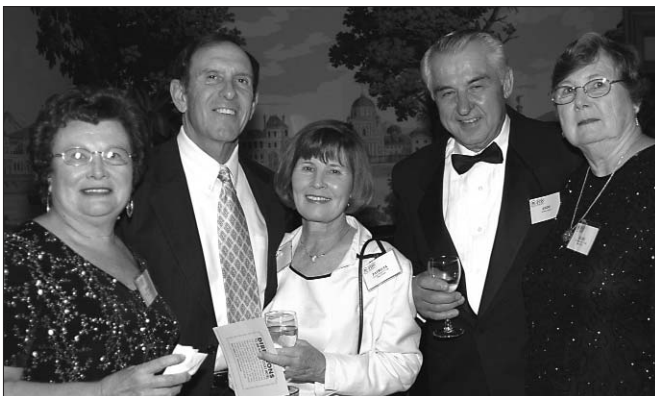
Reunion Weekend

Reunion weekend started with the Kendall Symposium on Thursday, Oct. 6. Guest speaker was Jackie Pflug, an airline hijacking and brain injury survivor. She spoke about her personal experience of being shot in the head, her struggles through rehabilitation, and her extraordinary coping skills for living with impaired vision and loss of short-term memory. More than 130 people were in attendance.

On Friday, the department sponsored a welcome reception in the afternoon with tours of the campus and the Allied Health Building. Later,

the PT Playoffs were under way! Teams competed in crazy relay and trivia games for the championship title. This year's winner was the Class of 2007! Following the playoffs, an all-class-years alumni reception was held.

The next morning, the PTRS Alumni Association sponsored its annual Free Continuing Education program. Carrie Foeller, MSPT, ACCE, instructor, and Kathy Davis, PT, MA, assistant professor, presented "Culturally Competent Care: What is Your Patient Really Trying to Tell You?" The program was open to both alumni and non-alumni clinicians.



The department's first graduates were honored guests at the 50th anniversary kickoff dinner (From Left: Dixie Miliner '58, Paul Wright, Patricia Wright '58, Andy Gutow, and Ellen Gutow '58)



Teams of alumni, staff, faculty, students, and University of Maryland Medical Center employees participate in PT Playoffs to kick off PT month.

The PhD Program in Physical Rehabilitation

A tribute to our graduates and doctoral candidates

BY RANDALL E. KEYSER, PHD, FACSM

To serve the need for new knowledge created by the advancement of the physical therapy profession, the Department of Physical Therapy and Rehabilitation Science at the University of Maryland School of Medicine offers the Doctor of Philosophy Degree (PhD) in physical rehabilitation science.

The PhD traditionally denotes achievement of the most rigorous academic standards and the production of an original research document, the dissertation. During the initial years of the program, students are required to succeed in a rigorous program of coursework qualifying them to focus their careers as professors and scientists. Students complete one of four didactic concentrations: applied physiology, biomechanics, epidemiology, or neuromotor control.

Students must then propose, complete, and defend to a committee of renowned experts an original research project, culminating in several papers of publishable quality. The PhD is said to be the "earned" degree because a published document that contributes to the advancement of science and the body of knowledge is required before the degree can be conferred.

The Physical Rehabilitation Science program graduated its first PhD in May of 2002. Since that time, one or two PhD degrees have been earned in the program each year. W. Todd Cade, PhD, the program's first graduate, is currently assistant professor of physical therapy and medicine at Washington University in St. Louis, Mo. Margaret Finley, PhD, is now research assistant professor in the Department of PTRS, University of Maryland School of Medicine. Richard Lovering, PhD, is a National Institutes of Health (NIH)-funded post-doctoral fellow in the laboratory of Robert Block, PhD, at the University of Maryland School of Medicine. Sandra McCombe-

Waller, PhD, is assistant professor in the Department of PTRS, University of Maryland School of Medicine.

Our most recent graduate is Michelle Harris-Love, PhD, now a post-doctoral fellow in neuroscience at the NIH. Our graduates have already made significant contributions to the scientific literature and are developing lines of research that will change the thought behind and the practice of physical therapy. We are very proud of each of them.

Two PhD candidates are completing dissertations and are on target for the May 2006 graduation. Elizabeth (Beth) Rasch, MS, PT, is examining secondary health conditions in individuals who have movement disabilities and the social and medical consequences of these conditions. She has published more than 20 articles in prestigious refereed journals and is submitting her current work to journals such as *The Journal of the American Medical Association*.

Sharmila Nabar, MS, PT, is engaged in work promising to identify a controlling mechanism for the body's response to increases in the demand for oxygen during physical activity and the way by which this response is quantified. She has co-authored eight journal articles in prestigious journals such as *Medicine and Science in Sports and Exercise*.

It is obvious that both of these candidates are carrying on the precedent of research excellence initiated by our previous graduates, and we, the graduate faculty, are confident that their work will remain at the "cutting edge" of science throughout their careers. ■

Dr. Keyser is an associate professor and director of the PhD program in the Department of Physical Therapy and Rehabilitation Science.

PHOTO GALLERY



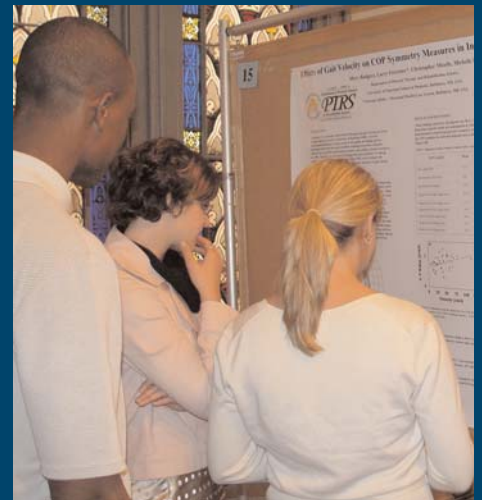
From left to right: Ann Welty, DPT '03; Donald Hobart; Vincent Conroy, DScPT '05; and Christina Gurney, DPT '05, celebrate the end of anatomy class at the student pizza party.



Students fine-tune their debridement skills during Medical Issues II Block.



The DPT Class of '07 practices with toys for pediatric pulmonary rehabilitation.



Students view a poster presentation at Research Day.



Students learn about wound care products during the vendor fair.



After completion of its first year, the Class of '07 is welcomed into the profession of physical therapy at a pinning ceremony in Davidge Hall.

STUDENT FACTS

Applicants for the class entering June 2005 were academically competitive and ethnically diverse. They possessed exceptionally strong academic profiles and had been involved in unique and meaningful community service activities.

The June 2005 applicant pool included 193 students from 26 states. This represents a 22 percent increase in applications from the previous year. The Department of Physical Therapy and Rehabilitation Science traditionally enrolls 50 new students into the entry-level Doctor of Physical Therapy (DPT) program each year.

Academic Profile for Enrolling Students: June 2005

Average Cumulative GPA (all undergraduate work) 3.47
 Average Pre-requisite GPA (required courses) 3.53
 Average Verbal GRE 498
 Average Quantitative GRE 622

Graduate Statistics

Throughout the years, our grand total of physical therapy graduates for the Department of PTRS has been 1,945—1,230 Bachelor of Science (BSPT); 577 Master's (MPT); 31 DPT; 23 Doctor of Science (DScPT); 79 Transitional DPT; and five PhDs in physical rehabilitation science.

DPT Application Statistics

	2005	2004
Applied	192	151
States	22	24
International	2	3
Maryland	57%	56%
Out-of-State	43%	44%
Female	77%	77%
Male	23%	23%

Ethnicity	2005	2004
African-American	10.5%	17%
Asian	9.5%	8%
Caucasian	71%	64%
Hispanic	2.5%	0.5%
International	2.5%	2%
Native Hawaiian	0%	0.5%
No Response	4%	8%



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