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Editor-in-Chief: Peter Altenburger, PhD, PT
Design & Compilation: Brenda Lawless
**SHRS PhD in Health and Rehabilitation Sciences**

By Joyce Mac Kinnon, EdD, PT

This fall, the School of Health and Rehabilitation Sciences PhD program admitted its second cohort of students. We currently have 10 students in the program including one with an IU physical therapy degree. Other disciplines represented include biostatistics, occupational therapy, exercise science, health sciences public policy, nutrition and public health. All students have master's degrees, although this is not a requirement for admission to the program. The School of Health and Rehabilitation Sciences recently held two open informational sessions here on campus about the PhD, both were successful with more planned in the future. For additional information about the sessions or the program itself, please contact Joyce Mac Kinnon, EdD, PT at jmackinn@iupui.edu or 317-274-1029.

**Faculty & Students Collaborate on Direct Access Research**

By Amy Bayliss, DPT, PT

Prior to her graduation in May 2009, Dr. Bethany Holder, DPT collaborated with faculty member, Dr. Amy Bayliss on a pilot study titled “Outlooks and Opinions of Practicing Physical Therapists on Direct Access in Indiana.” She presented her initial findings at the Indiana APTA conference in October 2008 and at the 2009 Combined Sections Meeting. The strong themes that emerged from the pilot study were compelling enough to warrant further investigation with the purpose to help continued state legislative efforts. Therefore a larger inquiry was initiated in spring 2009, which was jointly funded by the INAPTA and Indiana University. The full study required a time intensive effort - survey mailings to 3,350 physical therapists in the state. Luckily, there were many willing volunteers (students and faculty) who spent up to 40 hours each to complete the process of mailing out the surveys. Professor Valerie Strunk and students Erica White, Heather Smith, Kristin Dreibelbis, James Heighway, Toni Robinson and Renee Schlabach joined the research team at this stage.

The purpose was to investigate the opinions of licensed physical therapists residing in Indiana on the following issues:

1. Direct access
2. Scope of care
3. Perceived impact of direct access on liability
4. Manipulation practices

The findings were quite interesting and suggested that a strong majority of survey respondents believe that a physical therapist’s professional liability would change with direct access. The written comments were the most compelling and further supported the erroneous assumption that physical therapists are protected from any liability claims while practicing “under the physician’s umbrella.”

These assumptions are dangerous as they are based largely in error. In actuality, an individual PT may be found guilty of medical malpractice or negligence at any time if the certain elements are all found to be true – specifically when breaches in applicable standard of care are made. Even today as practicing physical therapists in one of only two states without direct access, we already have a legal and ethical duty to differentially diagnose our patients, referring them to alternate medical professionals when their medical issues are beyond our scope of practice.

Future avenues for dissemination of Bethany’s work will be at the 2010 Combined Sections Meeting in San Diego, CA as well as a potential manuscript expanding on the results of the full study. The ultimate goal of this research is to contribute positively to legislative efforts to gain direct access for physical therapists in Indiana. Dr. Holder commented that “the overwhelming response we received from this survey shows physical therapists practicing in Indiana have a voice and we hope the results of this survey can translate into positive legislative changes.”

Dr. Holder is currently in a Sports Physical Therapy residency with ProRehab in Evansville, Indiana. In addition to working long hours in her residency, she is serving on the legislative committee for the INAPTA.
Message from the Chair

Welcome to another edition of Forward Motion. May 2009 marked the fifth year of granting the DPT degree; 32 graduates were honored continuing the proud tradition of IU physical therapy excellence. In November, we received nearly 200 inquiries for admission and are in the process of selecting the new Class of 2013.

The program’s ongoing success and commitment to educational excellence are due in large part to the dedication of the faculty. The 2008-09 academic year was characterized by stability and growth as the faculty worked hard to integrate progressive learning opportunities into the curriculum while advancing their research agendas. Faculty scholarly dissemination is at an all time high with each member contributing multiple scholarly works at the state, national and international levels. The Department’s research spans basic scientific, translational and educational investigations representing a significant impact on the evidence available to practicing clinicians.

Specific alumni events scheduled for 2010 include the Marquette Challenge Seminar; the 2nd Annual Golf Outing in April, and the annual Alumni Weekend in May. Please mark your calendars and check back with us for more specific details. The faculty and staff are extremely excited about our future growth and hope you will remain connected to us.

Peter A. Altenburger, PhD, PT
Department Co-Chair

Free Continuing Education Course Offered Spring 2010
By Valerie Strunk, PT, DCE

In my role as Director of Clinical Education, I have found a common theme in clinical education evaluations - a consistent lack of written objectives for the learning experience. In my communications with center coordinators across Indiana, it appears this is a shared frustration at many clinical sites. It is often difficult to write effective learning objectives for different students with different learning styles from different academic programs for different clinical instructors treating different patient populations in different settings. This frustration has also been heard loud and clear by the Director of Clinical Education at the University of Indianapolis.

To assist clinical sites in addressing the issue of writing effective clinical education learning objectives, IU and the University of Indianapolis are co-sponsoring a free continuing education course on April 14, 2010. At this free half-day workshop, attendees will learn about the benefits of writing learning objectives, and will work with peers at clinical and academic sites to write effective and specific learning objectives pertinent to the educational experience your site can provide.

If you are interested about this opportunity, please contact me - Valerie Strunk, IU Director of Clinical Education, at vstrunk@iupui.edu, or 317-278-1879.

2010 Miami-Marquette Challenge Notes
By Brenda Lawless

The 2009 Georgia State-Marquette Challenge was a success for our students who achieved an honorable mention showing by raising more than $4,000 through their workshop on women’s health issues. Special thanks go out to Dr. Barbara Feltman, DHS, PT who lectured on issues with oncological treatment and lymphedema. For this year’s Miami-Marquette Challenge, the students have organized a live function seminar with the Gary Gray Institute titled The Functional Knee, focusing on lower extremity musculoskeletal issues that is scheduled for March 27, 2009. More information about this event will be sent out very soon; however if you have specific questions regarding the seminar, please contact Ms. Brenda Lawless at bsmither@iupui.edu.
October Physical Therapy Month Activities

By Brenda Lawless

Special events centered around Physical Therapy Month have become a tradition in our school and this year was no exception. Dr. Amy Bayliss organized an entire schedule of activities designed to provide fun, fitness, comraderie, community involvement and professional awareness for our students and faculty.

The walk/run events were held each Tuesday evening in October offering fun and exercise, as well as the opportunity to learn more about proper stretching techniques. They proved to be popular events with more than 90 participants - faculty, staff, students, and family members - over the month span.

The walk/run events were also organized in conjunction with a food drive for the Hawthorn Community Center Food Bank. Dr. Bayliss was very proud to report that we were able to donate 235 food items to the center.

Working with the Student Physical Therapy Organizations, Dr. Bayliss organized campus awareness activities which included student presentations and panels with undergraduate PT Clubs from IU Bloomington and Purdue University. They also coordinated information packets highlighting the doctorate program and its many benefits.

On October 30th, Dr. Bayliss and the students coordinated a booth at the 2009 IUPUI Health and Benefits Fair. Nineteen DPT students volunteered to provide Wii Fit balance assessments for IUPUI employees and students. Their booth, by far, was one of the most popular within the Health Fair with over 100 participants signing up for assessments. This assignment proved very beneficial to the students as it was an exercise in working with potential patients, while utilizing an exciting new therapy tool - the Wii Fit.

The Department is thankful for Dr. Bayliss’ hard work during October and looks forward to next year’s PT Month!

2009 INAPTA Scholarship Goes to IU PT Student

By Brenda Lawless

The IU Department of Physical Therapy is very proud to announce that the 2009 INAPTA PT Scholarship has been awarded to Ms. Elizabeth Bogenschutz, a third year DPT student in our program. Prior to beginning her graduate career, she earned a baccalaureate degree with high distinction from Indiana University in Exercise Science in 2007.

Elizabeth has played a very active role in the program since she began in fall of 2007 and has only continued in momentum over the years. She has served as the Class of 2010 treasurer, a student mentor in the Physiology Mentoring Program, and has been called upon to provide tutoring services to fellow students. Her extensive involvement in faculty research has allowed her to co-author several scientific publications as well as participate in upcoming platform presentations at the 2010 Combined Sections Meeting.

Elizabeth was recently awarded the 2009 Frances Ekstam Fellowship and is the School of Health and Rehabilitation Sciences 2010 Nominee for the National APTA Mary McMillan Award. With an exemplary academic record and dedication to improving the physical therapy profession, Elizabeth is a very worthy recipient of this year’s INAPTA PT Scholarship Award.
Active Student Participation in Physical Therapy Research

By Robyn Fuchs, PhD & Brenda Lawless

Our DPT students have been extremely busy throughout the past year on numerous research endeavors that will result in both peer-reviewed poster presentations and publications. The studies have ranged from instrument-assisted soft tissue mobilization; direct access for Indiana physical therapists; Wii Fit age and physical activity level in older adults; longitudinal case studies across the curriculum; patellofemoral pain syndrome; the role of periostin on the skeleton; and various investigations focusing on bone health. Several of these studies have garnered considerable attention locally, nationally and internationally.

These activities have provided our students not only with the opportunity to participate in world class research funded by agencies like the National Institutes of Health, Department of Defense, National Aeronautics and Space Administration, and National Osteoporosis Foundation; but it allows them to truly understand the importance of evidence-based practice and how it affects and improves therapy in the clinic. The Department faculty believe that students actively involved in scientific research create more well-rounded physical therapists.

In addition, many of these endeavors will result in peer-reviewed presentations at conferences around the world, as well as peer-reviewed publications that can potentially have a direct effect on the physical therapy practice.

Students currently involved in research include: 3rd year students Frank Klene, Brandon McGaughey, Evelina Gundeck, Heather Smith, Elizabet Bogenschutz, Erica White, Renee Schlabach, Toni Robinson, Zachary Gregory, Alica Barnes, James Heighway, Kristin Dreibeis, and Travis Crozier; and 2nd year students Joy Backler, Rebecca Phipps, Sara Carney, Lynn Darstein and Zachary Skaggs.

Student Awards & Accomplishments

2009 Steven Jones Scholarship Award
• Rebecca Phipps, SPT Class of 2011

2009 Katherine Belzer Scholarship Award
• Nathaniel Meece, SPT Class of 2010
• Erica White, SPT Class of 2010
• Nicole Krueger, SPT Class of 2011
• Rebecca Phipps, SPT Class of 2011
• Lauren Doolittle, SPT Class of 2012
• Elizabeth Brunett, SPT Class of 2012

2009 Constance Brown Scholarship Award
• Nicole Krueger, SPT Class of 2011

2009 Frances C. Ekstam Fellowship Award
• Elizabeth Bogenschutz, SPT Class of 2010

2009 Patricia Evans Fellowship Award
• Megan Koerner, SPT Class of 2012

2009 William Porter Scholarship Award
• Catherine Ranger, DPT Class of 2009

2009 IN-APTA Scholarship Award
• Elizabeth Bogenschutz, SPT Class of 2010

2010 SHRS Nominee for the National APTA Mary McMillan Award
• Elizabeth Bogenschutz, SPT Class of 2010

Special thanks go out to our generous donors and alumni who make these scholarships possible!
Motion Analysis Lab Expanding, Adding Robotics Therapy
By Tracy Dierks, PhD

The Motion Analysis Research Laboratory (MARL) is moving! Since 2005, the MARL has been located on the second floor of Coleman Hall. During this time, it has served as a multi-faceted biomechanics research laboratory. Projects have been aimed at investigating and understanding both normal and abnormal human movement, to ultimately develop new treatments and interventions. However, the success of the MARL has resulted in the need for a bigger space for bigger projects with more personnel.

One of these projects is the development of a robotics therapy lab. In late Fall of 2009, the MARL will begin transitioning to the Rotary Building to accommodate the creation of a new robotics rehabilitation center. Dr. Tracy Dierks (MARL Director) and Dr. Peter Altenburger (Department Co-Chair) have teamed up with Dr. Gregory Wilson (Director of Developmental Pediatrics, Riley Hospital for Children) and Ms. Pauline Flesch (Director of Rehabilitation Services, Clarian Health Partners) to create a joint clinical and research center for robotics rehabilitation. This new center is designed to provide therapeutic robotics intervention for rehabilitative and research endeavors. Plans are in place for the purchase of robots designed for the shoulder and elbow, the hand and wrist, the foot and ankle, and for gait, which includes an exoskeleton, instrumented treadmill, and anti-gravity system.

The driving force behind the creation of the new robotics center is the potential of robotics therapy to improve the lives of children with Cerebral Palsy (CP). We have been awarded funding from the Cerebral Palsy International Research Foundation to perform research studies aimed at determining the effect of both upper and lower extremity robotic therapy as a treatment for children with CP. Additional studies and grants are currently in development in conjunction with the Massachusetts Institute of Technology, Blythedale Children’s Hospital (NY), and the University of California at Los Angeles. This makes the new center the first in the country dedicated to utilizing a full array of robotic therapy in the treatment of children with CP.

With the expansion of the MARL and creation of the new center comes the need for new personnel. We have secured funding to bring on Dr. Ryan Cardinal as the first fully funded PhD student in the Department of Physical Therapy. Dr. Cardinal earned his DPT from our program in 2006, has been practicing in pediatrics since then, and will begin his PhD work in Spring of 2010 under the direction of Dr. Dierks. We also have designs to involve more DPT students and undergraduate students as the lab expands. For more information on the new center and current studies, please contact Dr. Tracy Dierks at 317-274-3147 or email at tdierks@iupui.edu.

IU DPT Family Tree: An Integrated Case Series
By Terry Loghmani, MSPT

The IU DPT Family Tree: An Integrated Case Series was warmly welcomed on a national level when introduced in Las Vegas, NV at the 2009 Combined Sections Meeting. Since then, this learning and teaching tool has been used to expand the novel concept of Integrated Longitudinal Case Based Learning (ILCBL) across the curriculum. Of particular interest is how the Family Tree promotes consideration of psychosocial, ethical and cultural issues in patient care. Publication of preliminary results is anticipated.
Department Research Endeavors Continue to Grow
By Stuart Warden, PhD, PT, FASCM

Scientific research is one of the cornerstones to the advancement of health, and the growth and acceptance of physical therapy as a health profession. Reflecting this, one component of the Department’s tri-fold mission is to discover and apply knowledge in research with the vision of excelling internationally as a recognized leader in research. The Department has made great strides towards achieving this vision. This is reflected by frequent and ever increasing invitations for faculty to present regionally, nationally and internationally. It is also reflected in the two key benchmarks for research success—publications and funding.

From 2004-2009, departmental faculty published a total 61 manuscripts (see graph). This equates to over 12 publications per year or ~1.5 publications per faculty member per year. The majority of these publications (60%) contained primary research data, confirming the contribution of departmental faculty to the advancement of health knowledge.

The research performed by departmental faculty has been permissible by their perseverance in seeking and obtaining research funding. Faculty are currently investigators on projects that have been awarded over $7M in funding, with $1.3M being awarded with a departmental faculty member as the principal investigator. This funding has been received from agencies including the National Institutes of Health, Department of Defense, National Science Biomedical Research Institute and Cerebral Palsy International Research Foundation. A recent addition to this pool was the award of an Academic Research Enhancement Award (R15) to Dr. Warden from the National Institute of Arthritis and Musculoskeletal and Skin Diseases. This 3-year award for $231,000 will allow Dr. Warden to continue his research into the lifelong benefits of exercise on skeleton.

Recent Department Publications


Warden SJ. Development and use of animal models to advance tendinopathy research. Frontiers in Biosciences 2009;E1:369-78.


Warden SJ, Komatsu DE, Rydberg J, Bond JL, Hassett SM. Recombinant human parathyroid hormone (PTH 1-34) and low-intensity pulsed ultrasound have contrasting additive effects during fracture healing. Bone 2009;44:485-94.


Please contact Ms. Brenda Lawless (bsmither@iupui.edu) for reprints of departmental publications.
As we have written in the past, the success of the IU DPT program is dependent upon strong mutual relationships with clinical partners. Without these relationships, our program would cease to exist and the profession would be negatively impacted. We choose to highlight a clinical site each fall to recognize our strongest partners in the community. In this issue of Forward Motion, we would like to spotlight one of our south side partners, St. Francis Sports Medicine; specifically, their newest off-site location at Southport Road and US 31.

St. Francis Hospital in Beech Grove initially expanded to an off-site location in 1990 to meet the demands of an ever-expanding south Indianapolis population. In 1995, St. Francis Sports Medicine further expanded its services to the Hospital’s Indianapolis medical arts campus. They have since expanded with additional offsite locations to serve Plainfield in 2007 and Greenwood in 2008. In March of 2009, they opened their newest building at Southport and US 31, and are already seeing growth opportunities at this site. According to Randy Kegerreis, PT, SCS, ATC and manager of St. Francis Off-site Outpatient Physical Therapy and Sports Medicine, the mission of the off-site clinics is “consistent with the Franciscan Values (respect for life, fidelity to our mission, compassionate concern, joyful service, and Christian stewardship).”

The patient services provided vary according to need. “Although we have traditionally served a large orthopedic population, we have also at times provided return to work programs and hand therapy,” states Kegerreis. “Presently we have two PT’s, one PTA and one ATC at the building. We have the capacity to add women’s health services and Occupational Therapy as the need arises. We have a family practice presence and a sports medicine physician on the second floor of the building, which we support with our rehab services.”

Community and professional service is also important to the site’s philosophy. “We have been very active serving the community with ATC services. We provide athletic services to 8 area high schools and multiple community organizations such as Ken Long Associates, Indy Youth Hockey League, area AAU events, Baxter YMCA, and St. Francis Soccer Alliance. We also have been very active in serving student physical therapy students as an educational institution,” states Kegerreis.

IU would like to recognize St. Francis Sports Medicine as a strong partner clinically for student education, as well as for individuals in our community. As Kegerreis summarizes, “We have been very blessed with serving our Southside community and continue to see our mission and values reflective in our service and care. We see continued growth and service opportunities for our patients.”
2009 IU PT Clinical Educator of the Year

Ed Jones, PT, CCCE

By Valerie Strunk, PT, DCE

Throughout the year, our students have the opportunity to apply their learned knowledge and skills on real patients in various clinical settings across the nation. Without dedicated clinical educators to guide them in this process, our students would not be able to evolve into skilled and compassionate Doctors of Physical Therapy. Each year, the IU Department of Physical Therapy pauses to recognize one outstanding clinician that goes above and beyond to assist in the clinical education of our students.

This year, we would like to recognize Ed Jones as the IU PT Clinical Educator of the Year. Ed is an outpatient PT at Community’s Southparke satellite clinic in Greenwood, and serves as the Center Coordinator of Clinical Education (CCCE) for Community Health Network. He was nominated for the award by his third year student, Britney Combs, who is now a DPT working for St. Francis.

According to Britney, he takes his CCCE position very seriously. “Since taking the role of CCCE, he has been encouraging staff in all clinical settings in the Community Network who have not previously taken students to become involved in the educational experience. He has even scheduled meetings with staff members to discuss their possible hesitations with taking on a student, and educated them on the benefits of clinical instruction.” Britney further highlights Jones’ dedication as a CI himself. “He is constantly providing his students with recent literature, as well as additional resources such as databases to make evidence based clinical decisions. He is even looking forward to having several more students this year, one of which will be from Ireland and required special effort on his part to arrange.”

Ed is not only committed to student education, but also to the continued education and professional development of himself and his peers. He is currently working on a Doctor of Health Sciences degree with an emphasis on education. “He encourages all staff and students to take ownership of their competencies and decision making skills to be the best they can be for their patients,” says Britney.

The IU DPT program would like to sincerely thank Ed and all the Clinical Instructors and Center Coordinators of Clinical Education who dedicate their time to serve the profession through clinical teaching.

Exciting Changes in IU DPT Clinical Education

By Valerie Strunk, PT, DCE

Clinical Education in the DPT Program at Indiana University is undergoing some big changes. To keep up with the ever changing demands of students, clinical partners and clinical instructors, the department has made the following changes:

• Transition to the PT CPI Web – a student clinical performance assessment tool allowing easier access to clinical education documentation for both faculty and students;
• Creation of clinical education electives tailored toward diverse specialty interest;
• Development of an integrated clinical education model currently with a tentative implementation date of Fall 2010.

We expect these changes to improve the clinical education experience for our students – creating more well-rounded clinicians. More information about these enhancements will be published in subsequent newsletters.

Special recognition goes to each clinical educator nominated for this award: Sheila Dolan, PT, CWCS, Wishard Health Services; Erika Brown, PT, Schneck Medical Center; Fred Loeffler, PT, Select Physical Therapy; Vicki Smock, PT, Westside Rehabilitation; Terra Williams, PT, Indiana PT; Tyson Damitz, PT Replay Physical Therapy; Diane Gall, PT, Replay Physical Therapy; and Aaron Stoll, PT, Athletico.
The Department of Physical Therapy and the School of Health and Rehabilitation Sciences are very thankful to the many Physical Therapy alumni and friends who have supported our programs during 2008 and 2009. Those donors marked with a ® next to their name have been supporting Indiana University Health and Rehabilitation Sciences for at least 10 years in a row.

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Roger A. Williams
Patricia A. and Gregory B. Vitczak
Patricia M. and Thomas R. Wooley
Bethany E. Zink

Physical Therapy Alumni Notes

- Julie Bond, DPT – 2009 graduate – is working with the rehabilitation unit of St. Francis in Beech Grove.
- Erin (Beck) Culverhouse, DPT – 2006 graduate – was married to Josh Culverhouse in September 2006. They moved to Savannah, GA where she works in a rehabilitation hospital. They had their first child, Lillian Ruth, on April 3, 2009.
- Bobby Lassiter, II, DPT & Johanna Sneed-Lassiter, DPT – 2008 graduates - moved to a new home on the Southern Dunes Golf Course (SW Indianapolis) in May 2009. Bobby currently works for Methodist Hospital and is an adjunct faculty member for the Department, and Johanna works for Advanced Physical Therapy.
- Matt Holder, DPT – 2009 graduate – has a job at Westview Hospital Outpatient Rehabilitation in Indianapolis. He and his wife moved into their first house in September.
- Angie Webb, DPT – 2005 graduate – recently had their second child, Isaac. Her oldest son, Levi is 2. She also changed jobs from an outpatient clinic in Fort Wayne to a SNF that sees outpatients in Butler, IN.
- Britney Combs, DPT - 2009 graduate - has announced the 1st annual reunion for the Class of 2009 on May 27th or 28th, 2010. She will send out more information about the event soon.
- Darin Flannery, DPT - 2005 graduate; Ryan Cardinal, DPT - 2006 graduate; Bobby Lassiter, DPT - 2008 graduate; and Brad Shupe, DPT - 2009 graduate, were recently appointed to the School of Health and Rehabilitation Sciences Alumni Board.
While she may not be familiar to some students or alumni, all second and third year DPT students are well aware of Kristine Miller and her role within the IU DPT program. For the past two decades, Professor Miller has been a fixture within the department - first as a student graduating with a degree in physical therapy in 1989, and then as an adjunct faculty member. She has become an essential part of the department in this role. She currently teaches the geriatric component of the Lifespan Development course in the fall, and assists with the spring Neurorehabilitation course. As a graduate of the IU PT program, she has found it gratifying to give back to her alma mater and the profession through student instruction. Kristine has also found that it allows her to hone her skills as a researcher and clinician, as well as to provide essential clinical perspectives for students.

After graduating from IU with her degree in physical therapy, Professor Miller began her career within the general inpatient rehabilitation unit at the Bennett Rehabilitation Center. While she initially found neurorehabilitation somewhat intimidating, her clinical interests eventually focused on patients with neurological deficits with an emphasis on brain injury and cerebral vascular accident. Her interest in neurorehabilitation never waned, and Kristine quickly seized the opportunity to work at the Rehabilitation Hospital of Indiana (RHI) brain injury unit where her clinical expertise in this specialty field increased exponentially. She later moved to the adult services program at the Easter Seals Crossroads Rehabilitation Center (ESCRC) and began working with outpatients with neurological deficits. It was at ESCRC where Kristine realized that even years after neurological insult, functional recovery was still possible; an observation that has shaped her interest in further studies of neurological insults and subsequent functional recovery. After five years with ESCRC, Professor Miller accepted her current position within St. John’s Health Care System at the Carl D. Erskine Rehabilitation & Regional Balance Center.

In addition, Kristine completed her Master’s of Science in Therapeutic Outcomes Research with the IU School of Health and Rehabilitation Sciences and is currently in her second year of the PhD program within the school. She is studying clinical interventions with an emphasis on the timing and dosing of those interventions and their results on patients who suffer from chronic neurological pathologies. Kristine hopes to continue teaching and clinical practice after she completes her doctorate studies, and intends to increase the time she dedicates to research.

In her free time, Kristine enjoys spending time outdoors with her husband of 12 years; they particularly enjoy camping, hiking, and horseback riding. She is also a 6 year volunteer chaplain at the Madison County Jail in Anderson. Kristine and her husband are avid IU basketball fans. They are season ticket holders and enjoy attending games at Assembly Hall.

The Department of Physical Therapy is very proud to have an alumna such as Professor Kristine Miller. She consistently makes the commitment to improve the IU DPT program as well as to serve the profession at large. Her continuing dedication to promote and advance neurological clinical practice is remarkable and we thank her for her service!
The Department of Physical Therapy and the School of Health and Rehabilitation Sciences are continually appreciative of the many financial contributions you have made to educate the next generation of physical therapists. Every gift, large or small, makes an impact as we continue to expand our programs. There are many ways to contribute to our mission, including general support and also scholarships for students, such as the Patricia Evans Fellowship and the Frances Ekstam Fellowship. For more information on these giving opportunities, please contact Dr. Peter Altenburger or Dean Austin Agho at:

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