

IMPACTS



THE MAGAZINE OF
THE IU SCHOOL OF HEALTH AND REHABILITATION SCIENCES



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THE MAGAZINE OF THE **IU SCHOOL OF HEALTH AND REHABILITATION SCIENCES**
Health Sciences • Nutrition and Dietetics • Occupational Therapy • Physical Therapy • Physician Assistant

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IUPUI

**SCHOOL OF HEALTH
AND REHABILITATION
SCIENCES**

INDIANA UNIVERSITY
Indianapolis

GREETINGS FROM THE DEAN

Dear Friends,

On behalf of the faculty, students, and staff of the Indiana University School of Health and Rehabilitation Sciences (SHRS), I'm pleased to present the seventh issue of IMPACTS, our school's annual publication. This magazine has become an important communication vehicle to highlight and celebrate recent accomplishments of students, faculty, staff, and alumni.

Our unwavering commitment to student success is reflected in everything we do. In addition to using proven teaching methods and cutting-edge technology to enhance student learning, our dedicated faculty and staff are constantly looking for innovative ways to ensure student retention, progression, and timely graduation. A total of 163 students participated in our commencement ceremony in May. As an important and celebrated milestone for our school, this number includes the charter class of the Master of Physician Assistant Studies program.

We believe that our national reputation as an outstanding health professions school is dependent on the professional accomplishments of our undergraduate and graduate students and alumni, which ultimately extends to our ability to engage with clinical sites and preceptors. That's why our key priorities are directed at providing students with the high-quality service-learning, didactic and clinical experiences they will need to provide competent health care. For example, this issue highlights the school's expanded educational opportunities for students, specifically the new five-year integrated Master of Science in Health Informatics degree and our Post-Professional Doctor of Occupational Therapy program.

You will also read interesting stories of how your generosity has positively impacted the lives of students and contributed to the pursuit of our mission to deliver transformational educational experiences in teaching, research, and service. Several articles describe how our faculty has partnered with local and international agencies to provide students the opportunity to use what they've learned in the classroom to make a difference in underserved communities, both locally and globally.

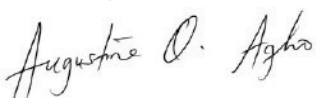
I am also delighted to share with you several noteworthy regional and national awards received by faculty in recognition of their excellence in teaching, service, and scholarship. Faculty submitted a total of 13 external grant applications to fund their research activities/projects, with a total asking amount of \$8.9M.

We are eternally grateful for your support and gifts to the school. Through your generosity, the school awarded 44 scholarships to top students in each of our programs. These scholarships enabled students to devote more time to their academic and clinical training. To mark this achievement, we held our first student recognition award reception to celebrate student successes and to acknowledge donors for their steadfast commitment to academic excellence. (See page 16 for more about the reception.)

As IMPACTS illustrates, our school is making great strides. I hope you enjoy reading this issue and learning more about how we're working to promote the success of our students and graduates. Thank you for your continued efforts and partnership in that endeavor.

As always, we look forward to hearing your feedback on this publication and the school in general. We also thank you again for your continued support and hope that you will consider establishing your own named fund to create a lasting legacy at SHRS. Christine Baldwin, SHRS Director of Development, and I would be happy to meet with you to discuss various options for charitable giving. I can be reached at aagho@iu.edu or 317-274-4702.

Best Regards,



Augustine O. Agho, Ph.D.
Dean and Professor



REFLECTIONS

Physician Assistant Education at IU

By Brenda Lawless

Over the last five decades, the physician assistant (PA) profession has established itself as a vital role within the United States healthcare landscape. The profession's turbulent history is rooted in healthcare shortages generally aggravated and highlighted by periods of war. As an academic institution, the School of Health and Rehabilitation Sciences (SHRS) knows that through the review of our programs' histories, the school is better able to understand the present experience; this is the same for the PA profession and educational programs. While the SHRS is a fairly young school by most standards – reconstituted in 2003 from a conglomerate of several Indiana University (IU) allied health programs – its degree programs hold a wealth of history that resonate throughout Indiana and beyond. The school's Master of Physician Assistant Studies degree program is no exception. While this relatively new program accepted its first cohort in 2013, the roots of IU's PA history wind back to the early 1970s as the profession was just beginning to establish itself.

Spurred by the country's persistent medical manpower shortage that had taken hold in the 1950s, the PA role began to emerge as a viable option to alleviate a physician's workload by an estimated 40%. The effectiveness of the PA practice became a proven standard during World War II and the Vietnam War, and the US government recognized the value of investing in PA education. The Comprehensive Health Manpower Training Act of 1971 was designed to build health professions in the U.S., and Congress launched a federal grant program that allowed universities across the country to fund new program development; IU did not hesitate to participate. One significant provision of this grant stipulated that by the third or fourth year of the program's inception, the institution had to demonstrate that its graduates were successfully employed within its home state.

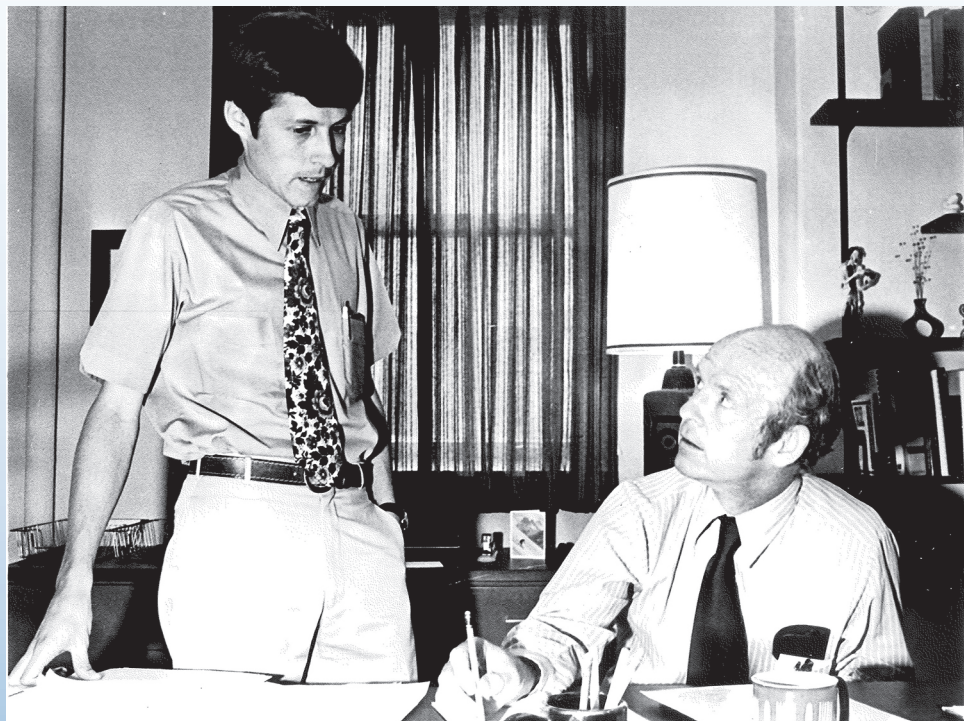
In response to the federal legislation, IU School of Medicine Dean Glenn Irwin formed a committee to investigate the development of a PA program at IU. The committee was confident that IU could build a PA program and successfully meet the law's employment provision. With the requisite nod from the School of Medicine, four major participants began the task of developing the new program: Dr. Eugene Stead, chairman of the Department of Medicine at Duke University and creator of the nation's first PA program at Duke University in 1965; Dr. Raymond Murray, chair of the Department of Community Health Sciences

The first cohort of the IU PA Certificate Program. Photo circa 1972.

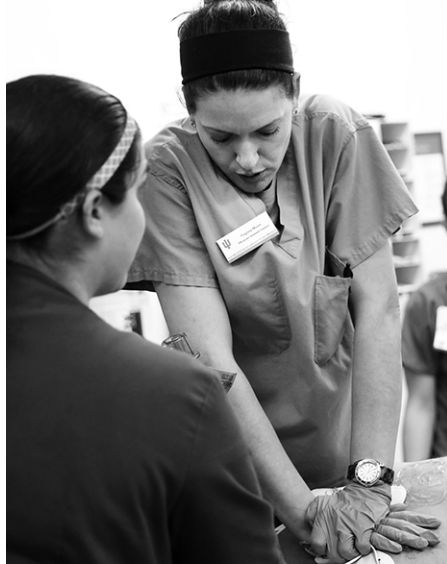


program at Regenstrief Institute; Dr. Frederick Schoen, a family practice physician from Fort Wayne; and Dan Fox, an Air Force corpsman and 1970 graduate of the Cleveland Clinic PA program. Fox was recruited to be the program's director and administrator.

Originally housed within the IU School of Medicine and located on the Indiana University Purdue University at Fort Wayne (IPFW) campus, the program was based at the Fort Wayne Center for Medical Education. It launched in August 1972 as a 24-month certificate program with 12 months of didactic learning and 12 months of clinical rotations. Students - many of whom were returning war veterans - were required to have approximately one year of patient care experience. The first cohort consisted of 11 students, and they met in temporary housing trailers set up on the Fort Wayne campus. With the IU program in full operation, the administrators turned their attention toward the task of creating appropriate state legislation for PA practice.



Dan Fox (left) and Dr. Raymond Murray (right) discuss program details as the PA certificate program was beginning. Photo circa 1972.



A current IU PA student works in the IU Health Methodist Hospital Emergency Room. Photo courtesy of Chris Bergin/ IU Health

Before the IU program began, Fox, who had been working for a family medicine practice in Richmond, was the only practicing PA in Indiana. But with PAs about to stream into the Indiana medical landscape and a federal requirement for PA placement throughout the state, legislation for PA practice had to be defined. As with most efforts to establish or alter any type of practice legislation, the process is vast, complex and frustrating, usually taking several years or decades to achieve even the slightest of results. The biggest hurdle was identified as a persistent effort by the optometry lobby, which feared that PAs would be hired within ophthalmologist offices. This lobby persevered with the Duffy Amendment, which is a featured amendment in the PA practice laws of most states. Unfortunately, because of the time limit established by the federal grant, the IU program was unable to demonstrate, within the allotted timeframe, that graduates were being employed in Indiana. Plans to shut down the program were implemented, and the last class graduated in June 1977. Ironically, later that same year the PA licensing legislation that IU had supported was passed into law.

Flashing forward three decades, IU began to rebuild the PA program. With the encouragement of administration, SHRS developed the Master's of Physician Assistant Studies (MPAS) degree, which again was designed to address the continued physician shortage in the state. Accepting the first cohort in 2013, this 27-month program provides students with a challenging curriculum, a varied supply of clinical rotation options, a diverse network of medical practitioners and a strong emphasis on community engagement.

With nearly 1200 practicing PAs currently in Indiana and the need for medical professionals ballooning within the state, graduates of this program will have little difficulty finding employment in Indiana. Nevertheless the fight for better PA practice legislation continues. On January 28, the school's PA students participated in Legislative Advocacy Day hosted by the Indiana Academy of Physician Assistants at the Indiana Statehouse. Their efforts helped secure support for House Bill 1183 that makes significant improvements in PA practice.

Students in the IU MPAS program are fortunate to study in a well-rounded program that provides an interprofessional education experience, in which they are exposed to a wide range of healthcare professionals in a variety of facilities. Close proximity to the IU School of Medicine allows the students to take classes with medical students and participate in programs such as the IU Simulation Center, which replicates a patient care environment for student instruction (see photo below).

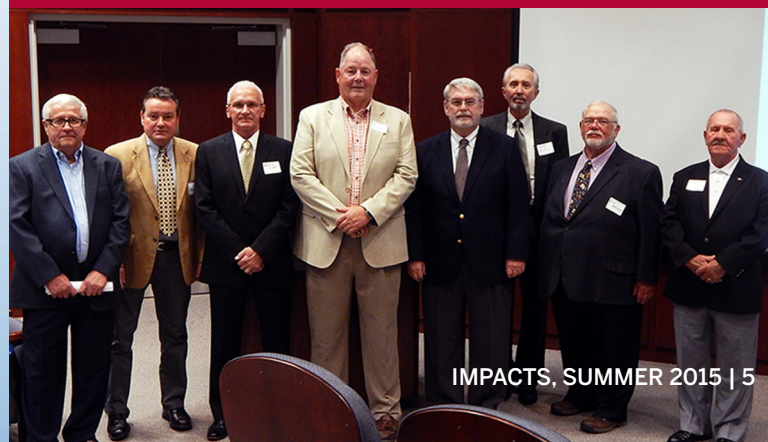


Second year PA students learn about intubation at the IU School of Medicine's Simulation Center. Dr. Tim Ellender teaches the students the delicate procedure in one of the patient rooms.

The IU MPAS program also stresses the importance of medical missions, allowing students the opportunity of completing clinical rotations at locations around the globe. The Gaylen Kelton International Service Learning Experience Scholarship allows for PA students to participate in international community service and broaden their perspectives on global healthcare. The first scholarship awards were presented to four PA students this spring. The MPAS Charter Class also created a class fund to support future PA students. Class president, Barry Wertz, led the campaign resulting in a pledge from every class member. This class fund is designed to provide students with funds for professional development and lay the groundwork for fellowships.

Physician assistant education at Indiana University has had an interesting history, but it has found its footing as a solid and credible educational program. In addition, PA practice law in Indiana continues to improve, which creates a better work environment for our graduates and advances healthcare throughout the state.

Dan Fox, far left, reconnects with several alumni of the PA certificate program at a reception held this spring.



IU PA Students Rally for Practice Law Changes

By Brenda Lawless

On January 28, 2015, students from the IU Master of Physician Assistant Studies program participated in the 2015 Lobby Day held at the Indiana Statehouse to demonstrate support for the Physician Assistant Practice Act HB 1183. The new legislation sought several improvements to the PA practice laws in Indiana which includes the revision of prescription supervisory agreements, increasing the timeline of chart reviews from 72 hours to 10 business days, reducing the number of PA charts requiring physician review after one year of practice, and increasing the number of PAs a physician can supervise from two to four, to name a few. Community support for these legislative changes was widespread with letters of support coming in from physicians across the state.

The effort was organized by the Indiana Academy of Physician Assistants and the IU PA students joined nearly 200 other PA advocates in the lobbying effort. The process was a fascinating educational experience for students and truly brought to life the necessity of professional advocacy. The bill was passed by the Indiana Senate and signed into law by Gov. Pence on May 4.



Class of 2016 PA students work with Dr. Rebecca Rebmam (2nd from right) to lobby for the new practice act at the Indiana Statehouse.

SHRS Introduces Two New Degree Programs

By Brenda Lawless and Leslie Payne

The School has been busy over the last year developing two new degree programs: Health Informatics, an integrated five-year master's degree program; and the Post-Professional Doctor of Occupational Therapy program.

Created in conjunction with the IU School of Informatics and Computing (SoIC), the Health Informatics Integrated Degree program, which begins this fall, allows students to complete an undergraduate and graduate degree in only five years, giving our students a head start on their career.

The two schools jointly offer the integrated program which consists of a bachelor of science in health sciences and a master of science in health informatics. The U.S. Bureau of Labor Statistics reports that the health information

specialist profession is projected to grow more than 20 percent over the next 7 years, which is a remarkable rate of growth.

"We are excited about the new dual degree program of the BS in health sciences and the MS in health informatics," said Brent Arnold, chair and professor of the Department of Health Sciences. "It opens job opportunities in the field of health informatics, which is a discipline that is rapidly becoming critical to human health and disease prevention."

Also beginning this fall is the Post-Professional Doctor of Occupational Therapy program, which was designed to provide licensed OT practitioners with the knowledge and skills to advance their careers within the field. It was developed with working professionals in mind and is offered as a hybrid program with evening and weekend class times, and the majority of coursework completed online.

With the dramatic changes in the U.S. healthcare system, the demand for OTs has risen. The U.S. Department of Labor estimates the number of OT jobs will increase nearly 30 percent over the next 10 years. Indiana has already experienced a 12 percent increase in licensed and practicing OTs and a 40 percent increase in OT assistants.

"OTs are trained to provide critical services to geriatric populations; but as our understanding improves, so will the need for educators, administrators, and specialized practitioners," remarked Jeffrey Crabtree, associate professor with the Department of Occupational Therapy and program director. "This post-professional doctoral program will provide a sound foundation for advanced practice."



SHRS Faculty and Staff Awards



PETER ALTENBURGER – 2014 INDIANA UNIVERSITY TRUSTEES TEACHING AWARD

Dr. Peter Altenburger, associate professor and chair of the Department of Physical Therapy, was awarded the 2014 Indiana University Trustees Teaching Award in recognition of his dedication to physical therapy education and evidence-based practice. His courses reflect his focus on strengthening student skills in clinical decision making and critical thinking. Peter also conducts research focused on robotic rehabilitation and educational pedagogy that promotes effective student learning.



MIRIAM BARR – 2014 SHRS STAFF RECOGNITION AWARD

Miriam Barr, director of fiscal affairs, was presented with the 2014 Staff Recognition Award at the school's annual luncheon on May 22. The award recognizes a commitment to the SHRS strategic goals and service beyond the scope of responsibilities. Miriam has streamlined the school's financial reporting systems and has been instrumental in the creation of several policies. Her overall grant knowledge helps SHRS researchers with grant submissions and account management.



SARA BLACKBURN – 2015 OUTSTANDING DIETITIAN OF THE YEAR AWARD

Dr. Sara Blackburn, clinical associate professor with the Department of Nutrition and Dietetics, was named the 2015 Outstanding Dietitian of the Year by the Indiana Academy of Nutrition and Dietetics. This award is in recognition of her dedication and commitment to excellence in dietetic education and practice.



THOMAS FISHER – 2014 IOTA OT OF THE YEAR AWARD

Dr. Thomas Fisher, professor and department chair of the Department of Occupational Therapy, was named the 2014 OT of the Year by the Indiana Occupational Therapy Association. This award is in recognition of his advocacy and leadership in the legislative initiative for the revision of the OT scope of practice in Indiana.



MICHAEL JUSTISS – 2014 SHRS SUSTAINED EXCELLENCE IN SERVICE AWARD

Dr. Michael Justiss, associate professor in the Department of Occupational Therapy, received the 2014 SHRS Excellence in Service Award in recognition of his consistent service contributions to the school. He has served as faculty president and has overseen several dramatic changes to the faculty bylaws and representation on the SHRS Leadership Team.



M. TERRY LOGHMANI – 2014 SHRS EMERGING EXCELLENCE IN SERVICE AWARD

Dr. M. Terry Loghmani, associate professor in the Department of Physical Therapy, received the 2014 SHRS Excellence in Service Award in recognition of her outstanding leadership and dedication to community engagement. She has served as the PT faculty advisor of the IU Student Outreach Clinic since its inception, and has made several regional and national presentations related to the pro bono clinic.



KRISTINE MILLER – 2014 EMERGING EXCELLENCE IN RESEARCH AND SCHOLARSHIP AWARD

Dr. Kristine Miller, assistant professor in the Department of Physical Therapy, was awarded the 2014 Emerging Excellence in Research and Scholarship Award in recognition of her remarkable contributions to the school's research agenda, and innovative research methods. Kristine's primary investigative focus targets the mechanisms of motor recovery after stroke and community-based post-rehabilitation exercise programs.



NIKI MUNK – 2014 SHRS EMERGING EXCELLENCE IN TEACHING AWARD

Dr. Niki Munk, assistant professor in the Department of Health Sciences received the 2014 SHRS Teaching Award in recognition of her dedication to health sciences education. She has consistently exceeded students' expectations, receiving overall mean ratings of 4.1 to 4.8 on a 5.0 scale on her teaching evaluations. Niki has been instrumental in restructuring and creating courses in the undergraduate health sciences degree core.

SHRS New Faculty Highlights



MARTINA ALLEN

Dr. Martina Allen joins SHRS as assistant professor with Department of Occupational Therapy. She earned a Bachelor of Science degree in Occupational Therapy from IU in 1992, and a doctorate in Occupational Therapy from Rocky Mountain University of Health Professions in 2008. Martina previously served as an assistant professor in the Department of Occupational Therapy at A.T. Still University. Her areas of speciality are pediatrics and evidence-based practice. Martina's research interests focus on advancing areas of instructional methods, learner characteristics and competencies, pedagogy, and faculty development. In her spare time, she enjoys playing golf, traveling, gardening, reading, and spending time with her family.



AMBER COMER

Dr. Amber Comer joins SHRS as assistant professor in the Department of Health Sciences. She earned her undergraduate degree from IU, a JD from the IU McKinney School of Law in 2011, and a PhD in Public Health from the Fairbanks School of Public Health in 2015. She completed a medical ethics fellowship in 2014 with the IU Health Fairbanks Center for Medical Ethics, and has been adjunct faculty with the IU School of Public Health in Indianapolis. Amber's areas of specialty include health law, medical ethics, and health policy. Her research interest is in the intersection of law, ethics, and health policy on stroke and other neurological disorders, and end-of-life care. In her spare time, she enjoys soccer games, hiking, and swing dancing with her husband, Adam.



SARAH ELI

Professor Sarah Eli joined SHRS in 2015 as a faculty member in the Master of Physician Assistant Studies program. She earned her undergraduate degree in psychology from Tulane University in 2000, and her master's degree in physician assistant studies in 2005 from Chatham University. She was previously with IU West Emergency Medicine where she practiced as a physician assistant. In 2005, Sarah completed an Albert Schweitzer Fellowship, participating in wellness, prevention, and access programs; focused on health education for the local underserved populations. Her area of specialty is emergency medicine and her community service interest is serving the medically underserved. In her free time, Sarah enjoys spending time with her family and finding new restaurants.



REBECCA REBMAN

Dr. Rebecca Rebman joined SHRS in 2013, and was recently appointed director of the Master of Physician Assistant Studies Program. She received her Bachelor of Arts in Biology from Denison University in 2002, her Master of Science in Physician Assistant Studies from Rutgers University in 2005, and her Doctor of Philosophy in Health Behavior from IU in 2014. Before joining SHRS, she served as a physician assistant at DePauw University's Student Health Services, and was an associate instructor at IU Bloomington School of Public Health. Rebecca's areas of specialty are primary care and preventive medicine in women's health, and her research interest focuses on health behavior theory. In her spare time, she enjoys arts and crafts, and traveling.



MICHELE SCHULTZ

Professor Michele Schultz joined SHRS in 2014 as a faculty member in the Master of Physician Assistant Studies program. She earned her undergraduate degree in interdisciplinary nursing and biology from Our Lady of the Elms College and her master's degree in physician assistant studies from the University of Nebraska. Her previous position was an assistant professor in the Butler University Physician Assistant Program. Michele's areas of specialty are in family and internal medicine. She brings over 18 years of teaching and clinical experience to her position. Her research interest focuses on evidence-based history and physical examination techniques. In her spare time, Michele enjoys scuba diving, horseback riding, snow skiing, and boating.



TIM SCULLY

Tim Scully joined SHRS in May 2015 as the Director of Career Services. He came from the IU School of Public and Environmental Affairs where he served as a career and academic advisor. Tim has also been an adjunct instructor at Ivy Tech Community College, teaching career development, first-year seminar, introduction to teaching, and capstone courses. He earned his Bachelor of Arts in Journalism in 2010 from the University of Wisconsin-Whitewater, and his Master of Science in Educational Leadership and Student Affairs in Higher Education in 2012 from Indiana State University. Tim also serves as Vice Chair of the IUPUI Career Council. In his spare time, he enjoys walking the downtown canal with his dog, Piper, and eating out on Mass Ave. and other local hotspots.

SHRS New Staff Highlights



COURTNEY HENDERSON

Courtney Henderson joined SHRS in July 2014 as an administrative assistant in the Dean's Office. She began working at IUPUI in 2012 as an administrative assistant with the Faculty Colloquium on Excellence in Teaching. She also served as a development assistant with the Sycamore School. Courtney earned her Bachelor of Arts in History from Franklin College in 2002, and Masters of Arts in History from the University of Indianapolis in 2008. In her spare time, she enjoys spending time with her husband and son, reading and writing, and working on her family's genealogical records.



MARY O'NEILL

Mary O'Neill joined SHRS in April 2015 as the administrative secretary for the Occupational Therapy OTD program and for the Department of Nutrition and Dietetics. She came from the IU School of Informatics and Computing on the IUPUI campus, where she served as an administrative assistant for 12 years. Mary has a Certificate in Information Technology from Purdue University, an Associate of Applied Science in Computer Information Systems Technology from Ivy Tech University and is completing her Bachelor of Science in Computer Graphics Technology at IUPUI. She is regularly involved in several volunteer activities serving Indianapolis' homeless population and provides guitar music services for singles' ministries.



PEGGY WORTHAM

Peggy Wortham joined SHRS in August 2014 as the assistant to the director of the Master of Physician Assistant Studies Program. She came from the IU School of Education where she served as an administrative assistant and licensing advisor. Peggy earned her Bachelor of Arts in Social Science in 2009 from Ashford University and her Master of Arts in Education with a concentration in Educational Technology Leadership in 2011 from Ashford University. She is a member of the Golden Key International Honor Society. In her spare time, Peggy enjoys spending time with her family, going to the movies, reading, and listening to music.

2015 SHRS Interdisciplinary Research and Education Conference

Save the Date!

November 13, 2015
IUPUI Campus Center
1:00pm - 5:00pm



Join the IU School of Health and Rehabilitation Sciences Alumni Association for our annual SHRS Interdisciplinary Research and Education Conference, featuring two sessions of three continuing education workshops, poster presentations, and vendor exhibits.

More detailed information can be found at our event website: www.shrs.iu.edu/news-events/SHRS-interdisciplinary-conference

Workshop topics are interdisciplinary and include case management, personal well-being, collaborative care, adult malnutrition, exercise therapy, and evidence-based massage practice. CEU credit will be available for attendance.

We are currently looking for vendors. If you or your company is interested in participating, please contact **Christine Baldwin** at **317-274-5151** or chrwaldw@iu.edu.



Finding Purpose on a Medical Mission: IU PA Students in the Congo

By Brenda Lawless

Grounded in the concept of humanitarian efforts, the IU physician assistant (PA) program places a strong emphasis on helping those in need, both domestic and abroad. This commitment instills in each student the importance of participating in the local community and medical missions around the world.



Kara (left) and Stephanie (right) at the entrance of the Pioneer Christian Hospital.

Embodying this spirit, two IU PA students made a recent trip to the Republic of Congo (the Congo) where they participated in a three-week clinical rotation at the Pioneer Christian Hospital. Collaborating with Samaritan's Purse, an international relief agency, and the IUPUI Office of International Affairs, Stephanie Inman and Kara Kinsley worked tirelessly for over a year just to organize their trip. The students, who finish the degree program this year, arrived in Impfondo, which is situated in a gigantic rainforest along the equator, in late March and were anxious to get started.

Kara (center left) and Stephanie (center right) play with local children in front of a house they helped build.



Their adventure began soon after landing, with a visit to a patient who had recently delivered her fourteenth child by cesarean section. The students were warmly welcomed and usually surrounded by local children. They were immediately recruited to help build a house for a patient at the hospital, an activity that both



Kara is surrounded by local children. This happened frequently as the students were a favorite in the town.

students found to be therapeutic. As they were given a bike tour of the town, both students reflected that “being there was absolutely surreal.”

Even with strong warnings that death was swift and a regular occurrence in the Congo, the girls were shaken by the wailing grief of family members after watching the passing of a young teenage boy. “It is a sight that is nearly debilitating to witness,” remarked Kara. To see so many patients they were unable to help was nearly defeating, knowing that they were beyond healing only because they did not have access to medical care soon enough.

“There are no teams of specialists, no machines that can keep a person alive to say their last goodbye, and no one to take a body away to prepare it for a funeral. There is simply a human body shutting down and a family left to grieve their lost member.”

Despite their challenges, Kara and Stephanie dove right into their routine by assisting with numerous surgeries, ranging from hernia repair, removing pus pockets, appendectomies, amputations, hysterectomies, and even eye surgeries.

One favorite experience was assisting with childbirth. Participating in the delivery alone was an amazing experience, but observing the mother managing her labor pains was awe-inspiring. The cultural differences were stark, with no pain management and very little tolerance for screaming in the Congo. Women deal with their pain by snapping fingers and light groaning. They also learned that Congolese women do not hold their newborns right after delivery. This is due to the high infant mortality rate; mothers do not want to become attached too quickly.

One bizarre practice they noted was how the Congolese deal with broken bones without the help of medical professionals. They visit local healers who merely splint the bone and then apply daily rigorous massage to the injury. This of course leads to bone disfigurement because it will not heal properly, not to mention that the procedure itself is extremely painful.

The students spent their final day seeing more of the countryside and spending time with friends. As they look back on their experience, both are grateful for the chance to not only learn a new culture, but to see medical care from a different perspective.

While there was so much death, pain and illness, they still witnessed healing every day.

“It was a great opportunity where we were submerged in a new culture and learned how to practice medicine without the machines and an abundance of medications we are used to here. This trip has definitely given us a deeper passion to serve after graduation,” said Stephanie.

Kara’s thoughts were similar. “We are now inspired to look at patients differently and to always recognize how beautiful and precious life is.”

Both students are recipients of the Gaylen M. Kelton International Service Learning Experience Scholarship, which helped cover the cost of their trip.

Kara holding a baby girl she helped deliver.



Stephanie and Kara celebrate with a patient after he is released from the hospital.



Stephanie poses with a young child who frequently stopped by to visit her.

Stephanie and two friends from the hospital enjoy some much needed downtime.





SHRS Academic Superstars

The 2014-2015 academic year has produced remarkable student achievement and success for the School of Health and Rehabilitation Sciences. With awards ranging from the IUPUI Top 100, the William M. Plater Civic Engagement Medallion, the IUPUI Elite 50, and the Outstanding Dietetic Intern, our students are making impacts throughout the university and beyond.

IUPUI Top 100

The IUPUI Top 100, a highly competitive award, recognizes IUPUI's outstanding undergraduate students based on their academic prowess and extracurricular activities.

Jordan Hanaway, senior in the Health Sciences program, is a repeat winner. She is the team captain of the IUPUI Cross Country team, a peer buddy, student mentor and regular volunteer of many IUPUI events. Jordan has also made an international impact with a recent mission trip to the Dominican Republic.

Alexis Hunt, junior in the Health Sciences program, is also a member of the IUPUI Cross Country team. She is an IUPUI Bepko Scholar and participates in student mentoring and numerous campus events. Alexis also works with School on Wheels, a non-profit group that provides tutoring and educational support for homeless children.



Dean Agho (middle) with Jordan Hanaway (left) and Alexis Hunt (right).



Medallion awardees (l to r): Kunal Shah, Catherine Collins, Sarah Koning, and Lindsey Yoh.

William M. Plater Civic Engagement Medallion

The **William M. Plater Civic Engagement Medallion** recognizes graduating students who have demonstrated dedication to community engagement.

Sarah Koning, graduate of the MS OT program, served as the vice-chair of the OT clinic within the IU Student Outreach Clinic (IU SOC), managed and coordinated clinical operations, and participated in interprofessional collaboration. Sarah also worked with the Burmese American Community Institute, the Special Olympics of Central Indiana, and the Alzheimer's Association.

Lindsey Yoh, graduate of the MS OT program, served as the OT chair of the IU SOC and has dedicated herself to improving interprofessional relationships among the other health service partners within the clinic. Because of her dedication, many clients have experienced OT services for the first time.

Catherine Collins, graduate of the DPT program, served as class president, the Student Physical Therapy Association president, and the School of Health and Rehabilitation Sciences Student Council president. She also worked as a study coordinator for a clinical investigation on the use of exercise in the treatment of disease.

Kunal Shah, graduate of the DPT program, participated in numerous community engagement projects such as IU SOC, Goodwill Retirement Center, the Indiana Chapter of the American Physical Therapy Association, and the SHRS Diversity Committee. At the IU SOC, he helped shape patient care, organized shift schedules, and sought funding to improve the facility. Kunal also volunteered with Camp Wack in Lafayette, which provides children with disabilities the chance to experience water sports.

IUPUI Elite 50

The IUPUI Elite 50 is similar in nature to the IUPUI Top 100, recognizing IUPUI's top graduate students based on academic achievement, dedication to community service, and research activities.

Trent Crandall, graduate of the DPT program, is in the top 5 of his class. His academic excellence is eclipsed only by his dedication to community engagement, such as participating as a student mentor, and working at the IU SOC. Trent is also committed to research and evidence-based practice, working on instrument-assisted soft tissue mobilization of the Achilles tendon.

Dean Agho with Trent Crandall.



Dean Agho and Dr. Sue Brady (right) with Holly Moran (center).

Outstanding Dietetic Intern Award

The **Outstanding Dietetic Intern Award** is presented by the Indiana Academy of Nutrition & Dietetics (IAND) to recognize noteworthy academic achievement as well as leadership and professional aptitude.

Holly Moran, enrolled in the IU Dietetic Internship program, exhibited the qualities of a passionate leader in dietetic education. Holly saw first-hand widespread food insecurity growing up within inner-city Chicago, noting that most low-income families do not have basic food options. Her own family's high rate of diabetes inspired her to study diabetes education. Holly will become a certified diabetes educator and is currently working with the St. Francis Diabetes Office where she works with food insecure populations in Indianapolis, where low income translates to high rates of diabetes.

Former NFL Player Discovers New Career Path in Physical Therapy

By Ric Burrous

Jason Pociask is used to life's little curve balls. The former Plainfield High School athlete wasn't heavily recruited out of high school, but wound up a three-time Academic All-Big Ten selection at the University of Wisconsin, playing in three post-season bowl games.

He never expected to play in the NFL, but was drafted by the New York Jets in 2006. Pociask spent time on several NFL teams (primarily the Jets, Tampa Bay Buccaneers, and Dallas Cowboys), plus short stints with Indianapolis, New England, Carolina, and Seattle.

Through it all, Pociask has learned to adapt and move forward, and now has a new career in mind: he's a student in our Doctorate of Physical Therapy (DPT) program. And his pro football experiences are paying dividends now in ways he could not have imagined.

"I never expected to play in the NFL," Pociask said. "I planned on going to PT school after I graduated from the University of Wisconsin. But our offensive coordinator (Paul Chryst) helped me realize it was possible. I was invited to the NFL Scouting Combine, and wound up getting drafted."

The combine, an annual February event based in Indianapolis since 1987, opened Pociask's eyes. It included a wide range of medical checkups, physical workouts, tests, and much more. In college, Pociask dealt with occasional injuries, but once in the NFL, he faced more significant injury concerns, such as shoulder and neck injuries.

"I knew I was interested in sports rehab, that it might be a career for me, because I had a chance to see how athletes responded to the physical challenges," he said. But that isn't the only population to need physical therapy. Weekend athletes, marathoners, workers with back issues, or anyone recovering from injury all need physical therapy as well.

Since starting the DPT program, Pociask finds that his horizons are evolving. "In my clinical rotations, I've experienced types of therapy that I'd never considered," he said. "I have learned to keep my mind open to other career options."

For example, working with older patients proved to be both a challenge and an inspiration. "I really enjoyed working with them. I really like the idea of helping them regain their health and quality of life, or to return to life in their own homes," Pociask said.

He has also found that the idea of becoming an advocate for physical therapists very intriguing. "So many have no idea what physical therapists do, or understand the help we can provide," Pociask said. "But I've seen it from the patient's side, and know how important it is." He plans to be very active in professional advocacy after graduation, and help continue the effort to educate the public on physical therapy.

Jason has plunged into numerous civic engagement activities since arriving at IUPUI. Pociask participates in athletic camps for children with disabilities and other service activities with the Hawthorne Community Center. He is also the education co-chair of the IU Student Outreach Clinic in downtown Indianapolis,



Photos above of Jason during his football career. Photos courtesy of Jason Pociask.



Jason (center) works with a patient in a neurological rehabilitation lab as fellow students look on.

Jason (right) participates in a football camp for children with disabilities.



which provides pro bono health services (PT, OT, medical, dental, legal, pharmacy, and social work) to underserved populations on the city's near east side. "Being part of the SOC has been one of the greatest experiences of my life," he said. "I've been able to meet people from different walks of life, to learn what they are facing. That is always a valuable skill."



SHRS Community Service in Action

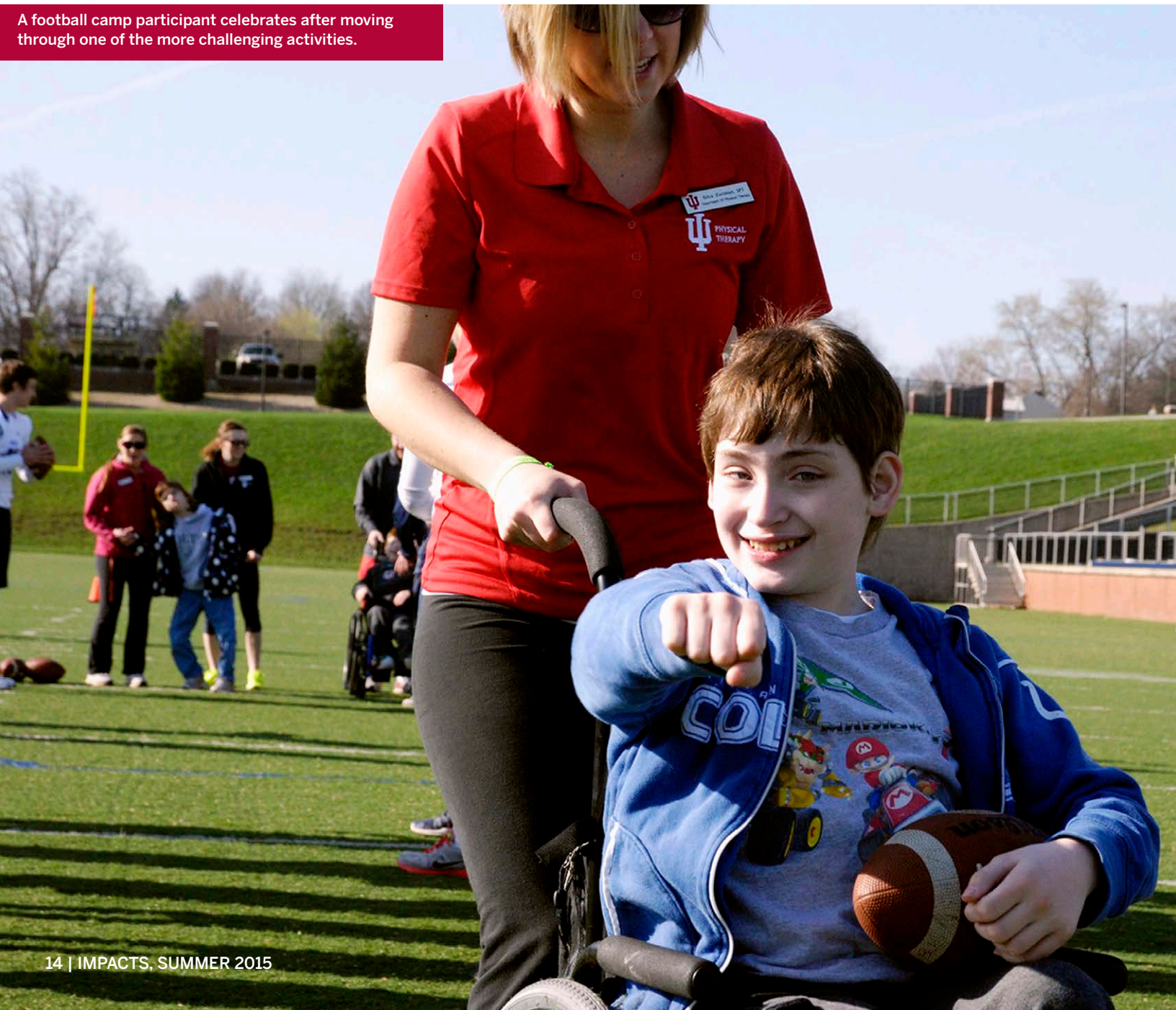
By Brenda Lawless

SHRS students participate in community service projects on a regular basis. This not only benefits the community, but provides students with invaluable learning experiences that will help shape them into well-rounded clinicians, researchers, and educators.

Earlier this spring, our physical therapy (PT) students had the chance to collaborate with the Butler University Football team to provide a football camp for children with disabilities. The football players set up skill stations for children, ages 7-12 with varying stages and types of disabilities. The PT students and football players then assisted participants as they moved through the challenging activities. The benefit to the camp participants was apparent, but the students gained valuable exposure to working with pediatric patients. "It was a great experience that you just can't get in the classroom," commented Jason Pociask, second year PT student. "Watching those kids smile and work through those stations with such intensity made our day."

"These camps offer children an opportunity to experience activities that they otherwise would not have, while the PT students and athletes express extreme satisfaction with the opportunity to give back to the community. It is an extremely worthwhile event and we are truly lucky to be involved with Butler University," remarked Dr. Peter Altenburger, chair of the IU Department of Physical Therapy. Our PT students also collaborate with the Butler Basketball team each summer in a camp for children with physical disabilities, working in a similar fashion to move the participants through skill stations that challenge them at different levels.

A football camp participant celebrates after moving through one of the more challenging activities.



OT Scholar is the 2015 Sothmann Dean's Leadership Winner

By Brenda Lawless



Sarah (center), her sister and brother celebrate her graduation.

Sarah Koning, a 2015 graduate of the Occupational Therapy (OT) program, was selected for this year's Dr. Mark Sothmann Dean's Leadership Award, which recognizes a student who exemplifies Dr. Sothmann's dedication to scholarship, leadership, and service. The recipient must have a minimum 3.75 GPA and an established record of service to the school, profession, and community.

Sarah's tenure with the school has reflected her dedication to community service, with numerous awards and scholarships being bestowed on her, such as the Katherine Belzer Fellowship, the Sam H. Jones Scholarship, and the Plater Medallion Award, to name a few. She has played an active role with the IU Student

Outreach Clinic, serving as the vice-chair of the OT clinic and volunteer coordinator, and has also worked closely with the Burmese American Community Institute.

In Sarah's speech to her fellow graduates at the post-commencement ceremony, she reflected on the courage to take detours throughout their life, such as the road that brought them to graduate school. "In my opinion, it is our detours that have led to unexpected new friendships, rewarding volunteer experiences, international travel experiences, research activities, and the humbling ability to touch the lives of others with our acquired new knowledge and skills that have been the most inspiring things we've done so far."

Path to Therapy Career Began Early

By Ric Burrous

Leah Van Antwerp's path toward a career in OT began in her childhood. "I grew up with a family member experiencing a disability, so I saw the effects that occupational therapists, speech therapists, special education teachers, and psychologists could have," she said.

It led her to her current role as a student in the Master's of Science in Occupational Therapy degree program, but also expanded her horizons in another pivotal direction; it encouraged her to work at an orphanage and a camp for individuals with disabilities while volunteering during a trip to Ukraine in her high school years. That exposure to international experiences has permeated much of her life ever since. "I saw how just a few sessions with an occupational therapist changed lives by providing people with tools to care for themselves," Van Antwerp said. Once she earns her master's degree, she plans to pursue a Ph.D. in rehabilitation sciences, and research the international practice of occupational therapy.

Van Antwerp has spent a lot of time abroad; her work in places like Ghana and Haiti honed her skills, and also shaped her view of the world. "Those experiences enriched my education and increased my awareness of global connectedness, of our responsibility as global citizens," she said. "They inspired my passion for social justice for individuals with disabilities and for decreasing health disparities." And Van Antwerp's experiences illustrate just how well positioned IUPUI is to help students who share her passion for health care careers and her desire to contribute to the community.

"One of the great things about our campus is our access to hospitals and health professional programs," she said. "Students have an opportunity to explore great career options." Interprofessional opportunities abound, too, such as the IU Student Outreach Clinic. "The clinic brings students from different professional paths together and provides health care services to the community at no cost," Van Antwerp said. "Students learn while helping others; what could be better?" Those options give students an edge, Van Antwerp believes. "The programs and hospitals here increase our knowledge and make us more competitive when we apply to health-related programs and schools, or are ready to begin our careers," she said.

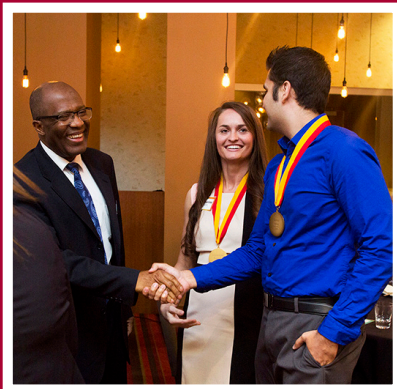


Leah works with a young child in Haiti.

SHRS Celebrates Academic Accomplishments

The inaugural Student and Donor Recognition Celebration held on April 22, 2015, was a chance for the school community to publicly recognize student success and donor generosity. Dean Austin Agho and the department chairs recognized student award/scholarship/fellowship recipients, and numerous donors who have funded the awards at an evening dessert reception at the Alexander Hotel.

“We set high academic and community service standards for our students and want to continuously express great optimism that we believe they have the capacity to achieve them. This was an evening to let them know their accomplishments and those of our donor supporters are noticed and valued by the entire school community,” said Dean Agho. Bravo to our many award recipients and a genuine thank you to our steadfast supporters!



SHRS Annual Student Scholarships

Our students continue to benefit from the **school's number one philanthropic priority – student scholarships and awards.**
Please join us in congratulating our scholarship and award recipients!

HEALTH SCIENCES

Dr. Karen Gable Health Sciences Scholarship

Jackie Reuther

NUTRITION AND DIETETICS

Dr. Sheila Ward Dietetics Fellowship

Amy VanDeWielde

Arlene Wilson Dietary Fellowship

Holly Moran

Dr. Karyl Rickard Pediatric Nutrition Award

Ashley Jacobs, Julie McCoy, JoAnne Whelan

OCCUPATIONAL THERAPY

Katherine Belzer Fellowship

Stephanie Holzback, Katherine Janney,
Aaron Sheets, Kayci Silcott

Carol Duke Nathan OT Fellowship

Kayci Silcott

Carol Duke Nathan Leadership Award

Lindsey Yoh

Anita H. Slominski OT Fellowship

Ashley Kuegel, Kelsey Rosswurm

Dr. Patricia Laurencelle OT Award

Melissa McGill

OT Student Research Award

Kevin Pritchard

PHYSICAL THERAPY

Patricia Rae Evans Fellowship

Abby Walker

Stephen O. Jones Fellowship

Katherine Bridgeman

PT Community Engagement Award

Carolyn Ebbens, Hilary Nuest

Constance Brown Fellowship

Andrew Wiseman

Frances Ekstam Fellowship

Arianne Mason

William D. Porter Award

Hilary Nuest, Alicia Schwipps

Katherine Belzer Fellowship

Nathan Bundy, Carrie Swartz,
Micah Whitted

Zachary Gregory Emerging Leadership Award

Catherine Collins

PT Faculty Choice Award

Catherine Collins

PHYSICIAN ASSISTANT

Dr. Gaylen M. Kelton International Service Learning Experience Scholarship

Stephanie Inman, Kara Kinsley, Karen Klutzke, Kaitlyn Salpietro

SCHOOL-WIDE AWARDS

Mark Sothmann Dean's Leadership Award

Sarah Koning, Occupational Therapy

Dean's Academic Excellence Recognition Award

This award is funded through collective donations to the SHRS Annual Fund.

Kelsey Adams
Rochelle Bartram

Elanor Bolles
Hilary Harris

Sara Lefeld
Katelyn Mathis

James Millward
Callie Neumann

Collenn Quigley
Haley Thomas

SHRS RESEARCH HIGHLIGHT

Finding Innovative Treatments for Stroke

By Crystal Massie, PhD, OTR

Stroke remains the leading cause of long-term disability in the U.S. even though research has demonstrated the ability of the brain to change and reorganize following injury. We are looking for ways to develop potential interventions for survivors of stroke and other neurological disorders that use high repetitions of movement and technologies to influence brain activity and the recovery process. Our research focuses on combining these two paradigms to test the impact of novel non-invasive brain stimulation protocols.

Transcranial magnetic stimulation (TMS) is a safe, non-invasive form of brain stimulation that has been used since 1985. In the research process, the coil rests against the skull over the area of the brain that controls the muscles of the arm and hand. The TMS device delivers a magnetic impulse used to measure excitability in the brain and the strength

of the connection between the brain and muscles, which is often impacted by stroke or other neurologic damage. For the patient, the impulse feels like tapping on the head.

TMS is also used to influence brain excitability to facilitate re-learning. We are investigating the effects of combining the brain stimulation while simultaneously practicing movements of the arm and hand. This combination appears to have a different effect than just stimulation alone or practice alone. Participants are asked to generate muscle movement that then activates the TMS machine. Assessments are completed before and immediately after the treatment to determine how the brain responds to the combination of treatment. This study is supported by the American Heart Association and is focused primarily on survivors of stroke.



Dr. Massie (left) and her research assistant monitor responses from a participant receiving non-invasive brain stimulation.

SHRS RESEARCH HIGHLIGHT

Home-Packed vs. School Lunches: Which is better?

By JoAnne Whelan, MS, RD, Dietetic Intern

Federal guidelines now mandate changes to school lunches to balance meals nutritionally and curb the obesity epidemic. The 2012 USDA policy, in conjunction with the Healthy Hunger-Free Kids Act, overhauled nutrition standards for meals served at public schools. These standards included calorie goals for each meal based on the school level, a requirement for more fruits and vegetable servings, and less fat and sodium.

Our team's research study investigated whether children were more likely to consume fruits and vegetables in a home-packed lunch or a school lunch. Individual factors that influenced fruit and vegetable intake among children were examined at a private Indianapolis school that had implemented USDA guidelines. The focus was to assess whether the student population eats fruits and vegetables provided in a school lunch; if the intake of fruits and vegetables changes on different days of the week; and, if there is a relationship between home-packed lunches, school lunches, and consumption.

The data suggests that when fruits and vegetables were offered at lunchtime, children were more likely to consume them since they are present in the meal. We also found that there was no significant difference in gender, race, age, or BMI levels that impacted consumption of fruits and vegetables at school lunch. There was no significant difference in consumption of fruits and vegetables in the home-packed versus school lunch, suggesting that children can have a packed lunch from home or school lunch and likely will consume fruits and vegetables in a similar way.





3D Printing in the Classroom: A Rehabilitation Innovation

By Brenda Lawless and Robin Janson, MS, OTR, CHT

What began as a personal learning project quickly blossomed into a passion for a technology that has impressive potential in the rehabilitation field. Professor Robin Janson, IU OT alumna and adjunct faculty, first discovered 3D Printing online. After thoroughly researching the technology, Janson soon began to see the opportunities in the classroom to prepare the next generation of occupational therapists with this emerging technology.

3D printers have become mainstream and more affordable than ever before, with several Internet sites providing free downloads of 3D printable models. Janson envisioned a revolutionary take on the 3D printing's capability within rehabilitation, due to its low cost and versatility. "My passion began when I assembled my first Robohand after a friend printed the parts for me on his 3D printer. I saw the potential for many applications in education," she remarked. "OTs are known for being creative, innovative, and imaginative. 3D printing is an ideal tool we can utilize to create prototypes or actual end-use objects."

Janson found that the technology enhanced OT education in upper-extremity prosthetic training by making it possible for students to experience prosthetic training with a custom fabricated body-powered orthosis-prosthesis (BPOP), based upon the work of Judy Bell Krotoski, MA, OTR, CHT, FAOTA. IU OT students apply their knowledge, skill and creativity by building their own custom-made orthoses, creating a BPOP with a 3D printed terminal device that is used in various activities of daily living, such as tying shoelaces (see picture to the left). It provides students with a greater understanding than what they could have acquired through didactic instruction alone.

"Building my own orthosis and using it for my daily activities was a huge learning tool. I learned how to perform many occupations, such as shoetying, playing with my dog, and grooming, specifically putting on make-up while wearing the BPOP; things that clients actually do in the real world. I know I will be able to relate, even in a small way, to what my clients will be going through," mentioned Kelli Garvey, OTS, IU OT Class of 2016.

To further facilitate student learning of important anatomical concepts, Janson also uses the 3D printer to create custom fabricated joint and tendon models.

Most importantly, this is a technology that students will be able to take into their clinical practice after graduation. "The OT students have been very excited to learn about 3D printing and to experience the implementation of 3D printing in their learning experiences," said Janson. "It is our goal to teach this technology to all our students, allowing them to use their creativity in developing and designing anatomical models, educational tools, assistive devices, therapeutic tools, orthoses, and much more."

Utilizing a low cost 3D printed terminal device attached to a custom fabricated low temperature orthosis, control cable and shoulder harness, this student learns how to operate a BPOP as she engages in various activities.



SHRS FACULTY & STUDENTS IN PRINT

This list of publications highlights the SHRS emphasis on evidence-based practice; and covers January 2014 - December 2014. Faculty are highlighted in **blue** and students are highlighted in **red**. For information about the individual publications, please contact Dr. Stuart Warden at stwarden@iu.edu.

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SHRS RESEARCH HIGHLIGHT

Contact Sports, Traumatic Brain Injury, and Cognitive Impairments

By Wei Li, MD, PhD

Each year in the United States, an estimated four million traumatic brain injuries occur in contact sports such as football, basketball, and soccer. Compared to non-contact sports, these activities are far more likely to result in devastating injuries; the effects of which can cause bodily injury or impaired neuropsychological function. In fact, former professional athletes in these sports suffer from brain trauma, leaving them with debilitating neurological diseases.

While the skull is very effective in protecting the brain, it cannot withstand repeated blows that occur regularly in contact sports. Repetitive punches in boxing or tackles in football can lead to chronic traumatic encephalopathy (CTE), a disease characterized by progressive degeneration of brain tissue. This is prevalent among retired NFL players, many of whom are diagnosed postmortem through autopsies. Recent research points to a strong connection between traumatic brain injuries and CTE. This is particularly troubling considering athletes usually begin their careers at a very young age.

My current study investigates whether contact sports-related brain injury is a risk factor for long-term cognitive impairments. By analyzing data from the Alzheimer's Disease Neuroimaging Initiative, the study aims to determine which age group is most likely to be affected by contact sports-related brain injury; and the relationships between the number and severity of brain injuries with the long-term outcomes.

Data suggests that the younger the age at injury, the longer it takes for recovery. Cognitive function outcomes are poor, and the

injury severity has a demonstrated correlation with a decreased intelligence quotient. This suggests that traumatic brain injury during adolescence can significantly reduce quality of life.

The study also reveals that the number of traumatic brain injuries is an important predictor of long-term neuropsychological effect. For example, recurrent concussions are associated with an increased rate of cognitive impairment in professional football and soccer players.



Dr. Thomas Fisher

2014 SHRS Distinguished Alumni Awardee

By Brenda Lawless

The SHRS Distinguished Alumni Award is presented annually to alumni who have made significant contributions in their respective professions. Thomas Fisher, PhD, OTR, CCM, FAOTA was selected as the 2014 SHRS Distinguished Alumni Award recipient, and was presented with the award at the 2014 SHRS Interdisciplinary Research and Education Conference last fall.

Thom was initially a business major until he was directed toward the occupational therapy (OT) profession through the careful guidance of his IU Bloomington advisor and support of Dr. Carol Nathan. It turns out that he had the aptitude for OT and graduated with the Class of 1977 from the IU School of Medicine. One of his first jobs was with the Indianapolis Public Schools where he worked with children with disabilities. He found it an enriching experience, but soon began to think about furthering his education. He enrolled at Purdue University in the Master of Science in Educational Psychology program, and then at the University of Kentucky for his PhD in Educational Psychology and Counseling. After 18 years in practice, he transitioned to academia in 1995.

Teaching quickly became his passion, and Thom spent eight years at Eastern Kentucky University and University of Kentucky as an associate professor. At an alumni reception in 2000, Thom met with Cel Hamant, who was then the IU OT Department Chair; she planted the seed for him to return to his alma mater. Thom took on the role of IU OT Department Chair in 2004. It is his work in this role that he is most proud of. He championed the transition from undergraduate to graduate education. "As an educator, I'm influencing future practitioners and touching more patients through them," he remarked.

His best piece of advice to his students is to become advocates of their own profession. "It's absolutely imperative that they commit to their professional organization because they are the voice of OT to legislators and the healthcare system." Thom also implores his students to remain connected to Indiana University. "Staying engaged with your alma mater is a critical part of your success; the sense of camaraderie and networking cannot be found anywhere else. Go Hoosiers!"

Thom Fisher (center) poses with OT students just after being presented with the award at the 2014 SHRS Research & Education Conference Reception.



IU OT Class of 1974 40th Reunion



Back row: Bill Gibson, Jean Dayhuff Haseman, Janalee Reineke Lyth, Sherry Parker Benner, and Sharon Flinn
Front row: Mary Miller and Karen Godfrey Choate

Three OT alums -- **Sherry Parker Benner**, **Karen Godfrey Choate**, and **Sharon Flinn** -- led a 40th reunion gathering for the OT Class of 1974 in early November. Their day included a walking tour of the IUPUI campus, a meet and greet with former faculty, a tour of Coleman Hall (current home of the OT program), lunch, and school and program updates by Dean Austin Agho and Dr. Thom Fisher '77, Chair of the Department of Occupational Therapy.

Any alumni interested in coordinating reunion events at IU can contact Christine Baldwin at chrwaldw@iu.edu for more information.

IU PT Class of 1964 50th Reunion

In late September the PT Class of 1964 gathered for a 50th reunion celebration, bringing memories and memorabilia along to share. The reunion was coordinated by three Indiana alums: **Becky Grimes Bright**, **Mary Frank**, and **Jean Phillips Harbron**, along with Christine Baldwin, School of Health and Rehabilitation Sciences Development Director, and Sharon Holland, Director of Alumni and Special Programs, IU Alumni Association.

The day included a tour of the Advanced Neurorehabilitation & Robotics Research Lab at the IU Health Neuroscience Center, a DPT program update by Dr. Peter Altenburger and Ryan Cardinal (DPT '06), a ride through the clinical side of campus on the IU Health People Mover, and a special dinner at the Hard Rock Café in downtown Indianapolis.

Any alumni interested in coordinating reunion events at IU can contact Christine Baldwin at chrwaldw@iu.edu for more information.



Back row: Carol Brabender Notar, Karlene Scheibner Huntley, Theresa Mullin Ashton, and Becky Grimes Bright

Front row: Jean Phillips Harbron, Mary Jo Ross, Patricia Quinn Tucker, and Mary Frank

SHRS Donor Recognition: An Afternoon at the IRT

On Valentine's Day, the School had the opportunity to say thank you to our donors by sponsoring a reception at the Indiana Repertory Theatre. Our guests enjoyed a private reception followed by a performance of **The Giver**. We look forward to another fun event next spring!

SHRS donors, faculty and friends mingle at the donor recognition reception at the IRT Reception.





Diamond Circle \$10,000-\$14,999

Ronald and Lauren Cram
Elaine and Steve Fess
Karen and Bob Gable
Karyl and Eugene Rickard

Gold Circle \$1,000-\$4,999

Augustine and Grace Agho
Christine and Robert Baldwin
Kara and Jeffrey Clayton
Thom and Debbie Fisher
Robyn Fuchs and Stuart Warden
JoAnne and William Jonathan
Steve Jones
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Terry and Zia Loghmani
Nancy Lamport
Sharon Pape
Becky Porter
Mark Sothmann and Kathleen Lally
Carolyn Wegner

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Nancy and Michael Bateman
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Leslie and Rich Hallett
Kathy and Michael Lewis
Susie and Fred Mishkin
Kyle and Johanna Riddle
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Jackie and Bryan Barrett
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Sandra and Bruce Gregory
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Denise and Mike Hagan
Cel Hamant
Jeanne and Tom Harbron
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Gail Williamson
Dan Wilson
Nancy Zent

THANK

Private support has a **tremendous** impact on our success and its programs, enabling us to provide **support** to attract and retain top talent, invest in **new technology** for the classroom, and provide **professional development capabilities**, and provide **professional development** for our **faculty development**.

Friend's Circle up to \$99

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onor Recognition*

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Nancy and Will Ditzler
Jill and Andrew Downs
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Therese and Mark Eutsler
Barbara Felix

THANK YOU!

significant impact on the school
to provide **scholarship**
talented students, purchase
classroom, **enhance research**
programs for both **student** and

Cynthia Ferguson
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Delana and Keith Gifford
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* The listed gifts and pledge payments were received during the period of Jan. 1 – Dec. 31, 2014. We apologize for any errors or omissions. For corrections, please contact Christine Baldwin at 317-274-5151 or chrbaaldw@iu.edu.

Legacy Society

The Legacy Society formally recognizes individuals who have made significant planned gift commitments to the school. If you have included the school in your estate plans, we encourage you to contact the Dean's Office so we may properly document your intentions.

Katherine Belzer*
Patricia Rae Evans
Jane Gerardot
Louise and Otis Goggans
Stephen Jones
James Pellerite
Anita Slominski*
Sheila Ward*
Arlene Wilson*

* denotes deceased donors



The Dean's Sustainers

Dean's Sustainers believe in the importance of annual, consistent giving. No matter the size of the gift, Dean's Sustainers have given to the school for at least 10 years in a row. In recognition of their decade or more of support, Dean's Sustainers receive a customized gift and recognition in school publications.

Kathleen and William Armstrong
 Jo Ballenger
 Sherry and William Benner
 Sara Blackburn
 Shirley Boardman
 Roseanne Bohanan
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 Pat Griswold
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 Adren Sisil
 Dennis and Irene Snyder
 Gina Snyder
 Beth and Scott Watkins
 Jane and Carl Watson
 Mary Ann Wieand
 Amy and Timothy Wiley
 Roger Williams
 Nancy Yoshida
 Nancy Zent

IU Student Outreach Clinic Wishlist

The Indiana University Student Outreach Clinic (IU SOC) is a free, student-run clinic located on the near eastside of Indianapolis. The clinic is a vibrant interprofessional collaboration between IU's Schools of Health and Rehabilitation Sciences, Medicine, Social Work, McKinney School of Law, Butler University's College of Pharmacy and the University of Indianapolis's Krannert School of Physical Therapy. **The IU SOC provides students the opportunity to grow professionally and personally as they provide healthcare services to underserved populations in the local community.** Services are provided under the advisement of university faculty volunteers.

The PT and OT students have created "wish lists" of supplies and equipment needed at the clinic. To make a tax-deductible, gift-in-kind or cash donation to help meet these needs, please contact Christine Baldwin at 317-274-5151 or chrwaldw@iu.edu.

Physical Therapy Wish List

Lumbar rolls (give-aways for clients)
 2 blood pressure cuffs
 2 stethoscopes
 1 curb step

1 manipulation belt
 1 turning fork
 2 power strips with extra long cords
 Monofilaments (for client give-aways)

Laptop computers
 Straight canes (for client give-aways)
 Pedometers (for client give-aways)
 Swiffer dust mop

Occupational Therapy Wish List

Beery Visual Motor Integration Test
 Sensory Profile 2
 Bruininks Motor Ability Test
 Rolling files/bin

Laptop computer/printer
 Dynamometer
 Pinchmeter
 Therabands

Theraputty
 Adaptive ADL equipment
 Water bottles for volunteers
 Thank you cards

Dr. Karen Gable

Embodying the Spirit of Philanthropy

By Christine Baldwin

Since 1989, IUPUI schools and units have honored individuals, corporations, and foundations through annual Spirit of Philanthropy Awards. The awards celebrate the gifts and volunteer service the recipients have bestowed on the campus. These contributions remind us how important philanthropy and volunteerism are to the campus, community, and civic life.

Professor Emerita, Dr. Karen Gable is cherished by alumni far and wide. Dr. Gable served as a faculty member and program director of the Health Occupations/Sciences Education program from 1977 – 2006. **The cornerstone of her academic leadership was her intense commitment to student success.** She worked tirelessly to accommodate her students' unique needs while maintaining very high academic expectations. As a result, her students were expertly prepared for careers in the complex health science community, and they continue to remember Dr. Gable fondly.

In 2014 when a group of alumni from the BS and MS programs wished to honor her legacy, Dr. Gable reaffirmed her commitment to student success by endowing the Dr. Karen Gable Health Sciences Scholarship and challenged the alums to join her in supporting the next generation of healthcare professionals. The first **Dr. Karen Gable Health Sciences Scholarship** was awarded this spring to Jackie Reuther, a junior in the BS Health Sciences program.

On April 14, 2015, the School of Health and Rehabilitation Sciences and a group of alumni representatives proudly recognized Dr. Karen Gable as our 2015 Spirit of Philanthropy recipient.



Dean Agho poses with 2015 Spirit of Philanthropy awardee, Dr. Karen Gable, and thanks her for years of dedication to the IU School of Health and Rehabilitation Sciences.

PREVIOUS SPIRIT OF PHILANTHROPY AWARDEES

- 2014 Karyl and Gene Rickard
- 2013 Ron Cram
- 2010 Donald and Nancy Lamport
- 2009 Jane Gerardot
- 2007 Arlene Wilson
- 2006 Louise Goggans;
Rehabilitation Hospital of Indiana
- 2005 Anita Slominski; Rock Island Foundation
- 2004 Frances Ekstam; Sheila Ward
- 2003 Patricia Rae Evans; Nestle Foundation
- 2002 Stephen Jones
- 2001 Elton Ridley
- 2000 Family & Friends of William D. Porter;
Van Ausdall & Farrar
- 1999 Steven Wodicka
- 1998 Donald Lamport

Colleen Sullivan, Class of 1981 alumna and former student of Dr. Gable's, commented on the presentation of this award. "I met Dr. Gable in 1975 when trying to decide which bachelor's degree to pursue upon graduation in the dental hygiene program at IUPUI. I was 20 years old then and decided on the Health Occupations Education degree, which began a mentoring relationship that would continue into the 2000s.

What stands out in my mind is how Dr. Gable recognized the individual needs and learning styles of her students. She helped customize the program for each student. Her graduates and students learned to respect individual learning styles and gained the skills to become inspiring educators in didactic and clinical environments.

It is no surprise that a person as caring for her students would be generous inside and outside the classroom. Dr. Gable is a great example of how to be philanthropic in our university and community. The scholarship in her name will go on to help other students for years to come. Her generosity has helped to establish its foundation. Dr. Karen Gable is a worthy recipient of the Spirit of Philanthropy Award."



SCHOOL OF HEALTH AND REHABILITATION SCIENCES

INDIANA UNIVERSITY
Indianapolis

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Would you like to make a gift to the School of Health and Rehabilitation Sciences and receive income for life?

For information about Indiana University's Charitable Gift Annuity program, contact: Christine Baldwin, Director of Development, at 317-274-5151 or chrwaldw@iu.edu.

