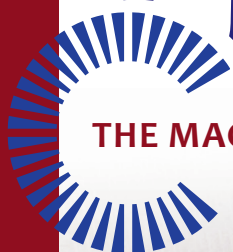


# IMPACTS

THE MAGAZINE OF THE SCHOOL OF HEALTH AND REHABILITATION SCIENCES



Volume 4

Summer 2012

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# IMPACTS

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### ON THE COVER

Sage Weaver, 2012 Chancellor's Award recipient & Augustine Agho, Dean. Photograph courtesy of IU Communications.

IMPACTS, the magazine of the School of Health and Rehabilitation Sciences, is published annually for alumni, friends, faculty, staff, and students.

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# GREETINGS FROM THE DEAN



Dear Friends,

It is always a pleasure to write the Dean's message for IMPACTS because it gives me a chance to highlight several of our most recent accomplishments and to thank you for your generosity and dedication to the School of Health and Rehabilitation Sciences (SHRS).

I am proud to say the SHRS experienced another successful year. Our pursuit of excellence in teaching, research, and service has enabled us to continue to attract outstanding faculty, staff, and high-achieving undergraduate and graduate students from across the country and maintain our national reputation as an outstanding health professions school. Several faculty members and students received national awards and grants in recognition of their scholarship. According to the recent U.S News and World Report, our Occupational Therapy (OT) program is now ranked at 21 out of 154 accredited occupational therapy programs and

our Physical Therapy (PT) program is ranked 44 out of 213 accredited physical therapy programs.

Student enrollment is at a record level – increasing from 250 in 2010/2011 academic year to 350 students in 2011/2012 academic year, a 40 percent increase in student enrollment. Our graduates scored above national average on their national licensure and certification examinations and secured full-time employment at competitive salaries.

Eighty students participated in our commencement ceremony in May 2012. This number includes our school's first recipients of the Ph.D degree and Bachelor of Science in Health Sciences degree. We recently celebrated the 10-year reaccreditation of our OT program by the Accreditation Council for Occupational Therapy Education (ACOTE). ACOTE found the OT program to be in full compliance with all standards that programs are expected to meet in order to be granted the maximum 10-year accreditation. This significant milestone in the history of the program was achieved because of the excellent leadership of the program and commitment of this program's faculty and alumni.

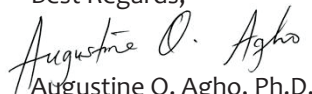
The SHRS Alumni Board continues to emphasize the importance of alumni involvement in keeping the quality of our academic programs at their highest levels. In fall 2011 the Alumni Board organized the School's first interdisciplinary research conference and hosted the third distinguished alumni award reception. For those of you who contributed to the overall success of these events, I thank you for your vision, energy, and enthusiasm. You helped us to make great strides in demonstrating the importance and significance of interdisciplinary training and research collaboration.

In the last issue of IMPACTS, I shared with you that the public phase of the Indiana University Purdue University Indianapolis (IUPUI) IMPACT Campaign was launched in October 2010 and that the SHRS is actively involved in the process of raising funds to support student scholarships and fellowships. Your overwhelming response has helped us to create three new endowed scholarship awards. Under the leadership of Ron Cram, PT Class of '89, the newly constituted Dean's Advisory Board has embarked on a corporate partnership project. This project has the potential of enabling the school to achieve its capital campaign goal. I would like to thank all of you for your gifts to the School. As alumni and friends of the School, you play an important role in enhancing the reputation of the School as an exciting place to learn and work.

In this issue of IMPACTS, there are excellent examples of student achievement in the area of scholarship and research. These achievements are evidence of the remarkable ambition, dedication, and passion of our students and faculty. I trust you will be impressed and pleased with the growth and direction of the School as you read through this publication. It is truly an exciting time to be on the front-line, training the next generation of health professionals. With your continued support, guidance, and encouragement, we will continue to accomplish great things. I encourage you to contact me at 317-274-4702, [aagho@iupui.edu](mailto:aagho@iupui.edu) or Christine Baldwin, SHRS Director of Development at 317-274-5151, [chrbaldw@iupui.edu](mailto:chrbaldw@iupui.edu) if you are interested in more information about our School. I look forward to hearing from you.

On behalf of the Alumni Board, faculty, and students, many thanks again for your continued interest and support.

Best Regards,

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





## NEW FACULTY SPOTLIGHT



### **Mary Beth Brown, PhD, PT, ATC, Assistant Professor**

Mary Beth Brown, who joined the Department of Physical Therapy, practiced as a physical therapist for nearly a decade before pursuing her Ph.D. at the Georgia Institute of Technology in Atlanta and subsequent career in academia. She received her Master of Science in Physical Therapy from the University of Miami, School of Medicine and her Bachelor of Arts in Sports Medicine from Lenoir-Rhyne College in North Carolina. Her clinical years

were spent primarily in the outpatient hospital setting, specializing in the evaluation and treatment of sports injuries, especially overuse injuries in endurance athletes, as well as aquatic therapy and vestibular rehabilitation.

Beth is an active member of the College of Sports Medicine, the American Physiological Society, the American Physical Therapy Association, the American Thoracic Society, and the Pulmonary Hypertension Association. She also reviews articles for several journals in her field of research.



### **Jennifer Marable, MS, PA-C, Clinical Assistant Professor**

Jennifer Marable joins the faculty as a clinical assistant professor in the Physician Assistant Program and will serve as the pediatric medicine content specialist. She graduated from the University of Colorado Child Health Associate/Physician Assistant Program with a Master of Science and Physician Assistant certificate. She obtained her Bachelor of Science in biology, along with minors in anatomy and spanish, from Colorado State University.

Jennifer worked in outpatient pediatric medicine for about one year before becoming a clinical instructor at Baylor College of Medicine for the Pediatric Critical Care section. After moving to Indianapolis in 2011, she became a visiting clinical lecturer for the PA program at IU prior to her current position.



### **James C. Zedaker, MPAS, PA-C, EMT-P, Clinical Assistant Professor**

James Zedaker has been affiliated with the IU Physician Assistant Program since 2011. In addition to teaching, he practices emergency medicine within the IU Health System and serves as the emergency medicine content specialist for the PA program.

He graduated from the University of Nebraska post-graduate physician assistant program with an emphasis in Neurophysiology and the Kettering College with a professional certificate in physician assistant studies. He obtained his Bachelor of Science in management/human resources from Park University and his AAS in allied health from the Community College of the Air Force.



### **Kathy Weaver named Director of Bachelor of Science in Health Sciences Program**

Kathy Weaver, RN, MPA, JD, has been teaching in

the Ph.D. in Health and Rehabilitation Sciences program since 2008 and subsequently added teaching responsibilities in the BS in Health Sciences program. As Program Director, she plans to develop and grow a strong academic team of faculty to ensure students are well prepared to graduate and initiate health careers.

Her unique educational background of nursing, public administration, and law will enhance her ability to lead the BS program as it continues its enrollment growth and builds upon its strong academic foundation.

Dr. Weaver graduated from Indiana University with a Doctor of Jurisprudence in 2001. She obtained a Masters in Public Administration in 1989 and a Bachelor of Science in Nursing in 1968. She also is a Certified Child Passenger Safety Technician and a Registered Nurse and holds a Certificate in Parish Nursing from the University of Southern Indiana.

In 2004 she received the President's Award for Outstanding Public Health Leadership given by the Indiana Public Health Association and the Maynard K. Hine Award from the Indiana University Alumni Association in 2009.



# SHRS WELCOMES NEW STAFF



## **Christine Baldwin, Director of Development Office of the Dean**

Christine Baldwin joined the SHRS in October 2011. She most recently served for four years as the development director at Sycamore School, a local private school for gifted children. She also worked at the Riley Children's Foundation as a corporate and foundation relations manager. Her professional background includes marketing and project management in the for-profit sector.

Christine earned a BA degree in history from Wheeling Jesuit University. She spent her junior year at Loyola University of Chicago's Rome Center in Rome, Italy.



## **Ali Cotton, Administrative Assistant Master of Physician Assistant Studies (MPAS)**

Ali Cotton who began May 1st, graduated from the University of Evansville in 1997 with a bachelor's degree in Mass Communications. In 2004 she completed her master's degree from the University of South Carolina in Higher Education and Student Affairs.

She spent the majority of her 15-year career working for small, private colleges and universities in Indiana, but for the past two years she worked as a stay-at-home mom to her two children.



## **Kelly Early, Administrative Secretary Office of the Dean**

Kelly Early started her position in September 2011. She had worked previously for the Kelley School of Business on the IUPUI campus for the online MBA program.

Kelly's extensive administrative skills allowed the school to move forward with admissions requirements while the Director of Student Enrollment Services position was vacant. She also excels serving as the first point of contact for the School.



## **Joshua Morrison, Director of Student Enrollment Services Office of the Dean**

Joshua Morrison was previously employed by the Department of Computer and information Science at IUPUI, where he was Research, Curriculum, and Administrative Coordinator for eight years. Josh earned a Bachelor of Arts degree in philosophy from Missouri State University, and a Master of Science in Education in student affairs administration from Indiana University-Bloomington.

He is currently pursuing a Ph.D. in higher education from IU-Bloomington.

# OCCUPATIONAL THERAPY GAINS 10-YEAR REACCREDITATION

**The IU School of Health and Rehabilitation Master's Program for Occupational Therapy received what equates to the gold standard of accreditation following an onsite review by a national accrediting agency in September.**

The Accreditation Council for Occupational Therapy Education (ACOTE) conducted the onsite review to determine the educational effectiveness of the Occupational Therapy Program at IUPUI in meeting the 180-accreditation standard ACOTE set for master's programs.

ACOTE found the Program to be in full compliance with all standards, and notified the Program that another onsite review would not be necessary for 10 years – the longest period of time the agency sets between accreditation examinations.

“Securing and maintaining accreditation is one of the ways programs demonstrate commitment to excellence and assure students and the public that graduates will be well prepared with the knowledge and skills to provide competent and appropriate care,” remarks Dean Agho. “I am proud of our faculty for achieving this gold standard of accreditation.”

Indiana University has been educating occupational therapists for more than 50 years. It is the highest-ranked Occupational Therapy graduate program in Indiana, offering state-of-the-art research and teaching facilities. US News and World Report ranks the IU Program 21 out of 154 accredited occupational therapy programs nationally.





# COLEMAN HALL ‘CAVERN’ FULFILLS STUDENT-CENTERED SPACE NEEDS

Creating a student-centered learning environment continues to be a priority for the SHRS. This commitment is reflected in our successful efforts to acquire and renovate the basement space in Coleman Hall.

The renovation was designed to establish an innovative flexible area for study, learning, skills practice, and faculty/student mentored learning and research. A utilization study reveals that an average of 24 students use this space on a daily basis with a current monthly estimate of 480 students. The report for lab activities vary, but the reasons students report using the space include individual study, group study, skill practice, to take break between classes,

and conduct research. A reservation calendar allows students and faculty to reserve space in the lab. Professors regularly reserve the lab for student-mentored research programs, in addition to group-study periods and smaller group research meetings.

More than 50 people watched as Dean Agho, along with Dr. Patricia Scott, Associate Professor in Occupational Therapy, officiated the ribbon cutting at the grand opening in September 2011.

The renovation project was funded by the IUPUI Center for Teaching and Learning through the Learning Environment Grant awarded to Dr. Scott in January 2011. The award was used to renovate the 1,655 sq. ft. area in the



basement of Coleman Hall and named Center for Collaborative Education, Research and Networking (CAVERN).

## DONALD OVID LAMPORT 1931–2012

The School of Health and Rehabilitation Sciences lost a trusted advisor, friend, and generous benefactor when Donald Ovid Lamport, husband of retired Associate Professor Emerita, Nancy K. Lamport, died on March 15, 2012.

He was a 1954 graduate of The Ohio State University College of Pharmacy. After his graduation he worked as a pharmaceutical representative for Parke-Davis, Warner-Lambert, and Pfizer Pharmaceutical Companies. He also served part-time as a pharmaceutical advisor and instructor with Pfizer until his full retirement in 2011.



Don and Nancy Lamport have been associated with the Department of Occupational Therapy (OT) and the School of Health and Rehabilitation Sciences since 1977 when Nancy first served as a part-time instructor in the Occupational Therapy Program. In 1995 after Nancy's retirement as an associate professor, she and Don established the endowed Occupational Therapy Student Educational Horizon Fund, which has provided annual funding for OT students for unique educational opportunities and professional development experiences for the past 17 years.

Don served on the Dean's Advisory Board and provided valuable counsel and encouragement to Dean Agho and former Dean, Mark Sothmann. Don was also a very active community volunteer throughout his life and was recognized by many professional and volunteer colleagues at a memorial service on April 15th. The Indianapolis community and the School of Health and Rehabilitation Sciences were great beneficiaries of Don's generous nature and

leadership abilities.

Don and Nancy have two children, Ann Lamport Hammitte and Robert A. Lamport, and two grandchildren. The entire SHRS family express our deepest sympathies and gratitude for Don's longstanding and generous contributions to our mission.



## PATENT FOR LOW BIRTH WEIGHT INFANT NUTRITION ISSUED TO PH.D. CANDIDATE

**Premature birth is the leading cause of newborn death and lifelong health problems. Early growth failure resulting from inadequate nutrition in very low birth weight (VLBW) infants has long-lasting effects, such as pulmonary and neurodevelopment disabilities.**

Thankfully, however, these medically fragile babies have an advocate in Debbie Abel, who recently received a patent for her systematic approach to recording, calculating, and presenting nutritional data specifically related to their feeding and resulting growth outcomes. Ms. Abel is an administrative specialist/coordinator, leadership education in MCH nutrition (pediatric focus) and Ph.D. candidate in the School of Health and Rehabilitation Sciences.

The patent offers a variety of solutions and options in the feeding of VLBW babies, including the protection against the duplication of a computer system that has several key nutritional and growth features for premature infants. The data from which, Debbie says, will prove to be valuable to health care teams as they seek to achieve desired growth and implement “best practice” feedings. The result, she comments, “is better care, improved chances for a healthy life for these infants as they grow, and a shorter hospital stay, which has important public health implications.” A shorter hospital stay—from improved growth rates—in the NICU of one day for ~50 VLBW infants would save more than \$330,000.

“This computer system allowed me to collect nutritional data, analyze the data through its ability to query necessary information, and report the results in a very timely manner,” Debbie remarks. “Most research takes years to accomplish what I could do in nine months.”

Debbie plans to continue with and extend her current research to other NICUs. She also plans to continue working in the SHRS, Nutrition and Dietetics Department.

“The employment here provides the ability to complete research, teach, develop future pediatric nutrition leaders across the world, and publish my work,” she says. “I would like to continue to work part-time in the NICU at Riley Hospital for Children, Indiana University Health to provide care for the premature infants as well as continue my research. I am very blessed to work with world-wide leading nutrition experts.”



# DIETETIC INTERN RECEIVES STATE AWARD

**Kaylyn Herrold, who is currently completing her food service rotation as part of her IUPUI SHRS Dietetic internship, was honored with the Indiana Dietetic Association (IDA) Outstanding Dietetic Intern Award for 2012 in recognition of academic achievements.**



Kaylyn presented a seminar titled, “Gluten-Free Diet on Bone Mineral Density of Children Diagnosed with Celiac Disease” at the 2012 IDA annual meeting. She chose this topic due to her summer food management internship at the University of North Dakota, where she spoke to students with celiac disease. This experience enhanced her awareness of the challenges of following a gluten-free diet and caused her to consider the impact on bone health.

This honor came as no surprise to Jo Carol Chezem, PhD, RD, who is Ms. Herrold’s internship director. “Kaylyn is well organized and has excellent time-management skills,” Dr. Chezem says. “As a student, Kaylyn is near the top of her Medical Nutrition Therapy course and at the top of the class in Research Methods in Dietetics and Management Issues in Dietetics. She has an unusually well developed capacity for observation and assessment. This is evident in her management experiences and is especially noticeable in Research Methods. In our experience, the majority of interns have difficulty critiquing and applying the literature. ‘Just because it’s in print,

it must be true’ seems to be a common belief. Kaylyn’s ability to dissect what she reads and translate the meaning to real world applications, however, is evident in the quality of her assignments, in her coursework, and in her activities at the supervised practice sites. Evaluations from her preceptors are studded with comments saying the same, such as: ‘Kaylyn took the initiative to ask questions and researched to find the answers.’”

Sara Blackburn, RD, DSc, also attested to Herrold’s academic achievement: “We require each intern to develop, prepare and deliver a ‘medicine grand rounds-style’ presentation at CPE level 2,” Dr. Blackburn says. “This assignment builds on the learned undergraduate literature research and public speaking skills.”

“In addition to her leadership and academic talents, Kaylyn is humble and modest about her gifts,” Dr. Blackburn adds. “She is patient, understanding, and empathic. She listens and considers options. She does not rush in to solve problems for others or tell them what to do or how to do it. She has a level of maturity that is rare for the person her age, and I think this comes from having worked her way through school.”

Kaylyn received her Bachelor of Science degree from Purdue University where she earned a grade point average of 3.99/4.0.



## INTEGRATED CLINICAL EDUCATION (ICE) COURSES EXPAND KNOWLEDGE

The Department of Physical Therapy implemented three new Clinical courses (Integrated Clinical Education I, Integrated Clinical Education II and Integrated Clinical Education III) in the fall of 2011.

ICE courses, as these have come to be known, provide students the opportunity to spend four hours weekly in the clinical setting led by trained clinical faculty who work as Physical Therapists in the IU Health system. Pairs of students spend Tuesday afternoons in both inpatient and outpatient clinical settings throughout the semester. This increased clinical exposure has provided our students with more immediate opportunities to apply what they learn in the classroom, and a chance to employ important skills such as critical thinking, communication and professionalism in an authentic clinical practice environment. Student and clinical faculty satisfaction has been high, and academic faculty working with first-year students in the inaugural year of ICE have noted improved performance in the classroom related to student participation in these courses.

Tana Garnett, DPT class of 2014, noticed significant benefits to not only her educational experience, but also her overall academic performance with the addition of the ICE curriculum.



“Before starting ICE, I was skeptical of the entire program,” Garnett says. “I assumed it would be similar to my previous observational experiences and tech work. It has now changed my mind completely. The ICE program is not just an observational experience; it is hands-on practice with real patients. Furthermore, it is an opportunity to apply what we have just learned in the classroom to patients with real problems. We are able to practice things such as interviewing patients, analyzing their gait, and instructing them on how to perform certain exercises to name a few. One of the most beneficial things that we practice, in my opinion, is critical thinking.

The Clinical Faculty (CF) members often ask ‘What would you do with this patient?’ Last semester, I was unsure on how to answer that question properly. However, now I am more confident in my responses. In fact, my CF said this week, ‘It is amazing how far you guys have come. You are more confident and have so much more knowledge since last semester.’ I can’t agree with her more. Not only have we increased our classroom knowledge, but we have expanded upon that knowledge.”

Tana adds, “I think that the ICE program will prove to be beneficial when we are in the clinic full time this summer!”



# ZACHARY H. GREGORY AWARD HONORS STUDENT LEADERSHIP

The Department of Physical Therapy, in conjunction with the SHRS, created the Zachary H. Gregory Emerging Leadership Award in memory of the 2010 alumnus who passed away unexpectedly last year.

Zachary Gregory was an exemplary graduate who emulated the Department's academic and professional goals. In recognition of his accomplishments, the Department chose to create an award that would not only honor his legacy but also recognize current students who strive to achieve those same standards. The award will be presented annually to a third-year student who has demonstrated emerging traits of academic and professional leadership. Honorees will be recognized in the fall of their third year, receiving a monetary award to support their attendance at a national conference.

The inaugural 2011 awardee was Mr. Kevin Sanborn, SPT Class of 2012. From the start, faculty noted Sanborn's ability to lead his classmates when he volunteered as class facilitator and president of the Student Physical Therapy Organization. Throughout the program, he has excelled in various leadership opportunities while maintaining an excellent academic record. Kevin also demonstrates strong clinical knowledge as he continues to receive high praise from his clinical instructors. Overall, he exemplifies the values and traits of an emerging professional with leadership skills. The faculty unanimously selected Kevin to receive this award.

Kevin was presented with the award on December 7, 2011 by department



**Pictured from left to right:**  
**Bruce Gregory, Sandra Gregory, Kevin Sanborn,**  
**Dr. Peter Altenburger, and Dr. Tracy Dierks**

co-chair, Dr. Peter Altenburger, and Bruce and Sandra Gregory – Zachary Gregory's parents. The Gregory's were thrilled to be part of the ceremony and spoke of their son and the impression he left with so many people. They were excited to meet Kevin and felt strongly that he embodied many of the same values of leadership and professionalism as Zachary.

## OT STUDENTS, FACULTY VOLUNTEER AT 3RD ANNUAL SPINAL CORD INJURY (SCI) HOPE CELEBRATION EVENT

The SHRS Occupational Therapy students, along with faculty member Robin Janson and family, volunteered at the 3rd Annual SCI Hope Celebration Event this past May.

This was the second year for the School's participation in the event, which raises money to provide financial assistance to individuals with spinal cord injuries. The evening featured a silent and live auction and keynote speech by Sam Schmidt, owner of Sam Schmidt Motorsports & Sam Schmidt Paralysis Foundation.

The event raised approximately \$30,000 for SCI Hope, which was founded by John Wassen, his wife Tamie, and good friends Skip and Jim Tennacour in 2009, two years after an accident in which Wassen sustained a C4-C5 spinal cord injury resulting in tetraplegia (quadriplegia). The fund's mission is to provide independence and quality of life through financial grants to individuals with spinal cord injuries. The school got involved when Wassen and his family volunteered along with other individuals who have spinal cord injuries during an OT course lab, taught by Professor



**Pictured Front Row (left to right):**  
**Julia Maguire, Sam Schmidt,**  
**Robin Janson, Olivia Lockhart**

**Back Row (left to right): Mark Janson,**  
**Kristi Kramer, Cheryl Davis, Jessica**  
**Johnson, Kristina Gossett,**  
**Rachel McFadden, Megan Fernung,**  
**Julie Widbin & Kelsey Jacobs**

**Not Pictured: Michael Janson,**  
**Stephanie Braun & David Proctor**

Jansen at the Rehabilitation Hospital of Indiana to educate IU OT students about spinal cord injury rehabilitation. Professor Jansen learned of SCI Hope, and wanted to give back by personally volunteering for the organization and encouraging IU OT students to volunteer as well.

"SCI Hope Fund is an amazing organization that helps individuals with spinal cord injuries get the resources they need to have the kind of independence most of us take for granted," says Rachel McFadden, OTS, first year OT graduate student. "It was a great opportunity to gain some insight into SCI patients' perspectives, which is an important part of my development into a client-centered OT practitioner."

## DR. ERNST NAMED 2011 DISTINGUISHED ALUMNI

**A**t the First SHRS Interdisciplinary Research Conference last fall, the School's Alumni Association presented its Distinguished Alumni Award to Judith Ernst, R. D., D. M. Sc.

Dr. Ernst is known nationally and internationally as an expert in the clinical nutrition management of very low birth weight (VLBW) neonates, infants and young children at high risk for failure-to-thrive and malnutrition.

Dr. Ernst began her academic career at Riley Hospital for Children in 1979 where she worked clinically, participated in and published the results of research projects, published book chapters, developed courses and trained registered dietitians in the nutrition management of newborn infants who require intensive care. One of her initial publications was recognized with the Mary P. Huddleson Award, from the American Dietetic Association Foundation to a registered dietitian for excellence in research publication of an outstanding article ("Growth Outcome Of the Very Low Birth Weight [VLBW] Infant at One Year") published in the Journal of the American Dietetic Association. In 1988, Dr Ernst received a Doctorate of Medical Science degree from the IU School of Medicine, with an emphasis in pediatric nutrition and research focus with VLBW infants. In 1990, Dr. Ernst began to visit resource poor countries and give presentations at international venues. Data from a pilot nutrition intervention in HIV-infected children in Romania was presented in 2000 at the International HIV conference "Break the Silence" in South Africa.

In 2000, Dr. Ernst began her association with the Indiana University-Moi University Partnership in Eldoret, Kenya, and developed an in-country collaborative team focused on researching the needs of orphaned and vulnerable children in Kisumu. She served as the Lead Principal Investigator, in partnership with Moi University faculty, of a randomized and controlled nutrition intervention trial focused on the importance of animal source foods in the management of HIV-infected Kenyan women and their children who receive their medical care within the USAID Academic Model Providing Access To Healthcare Partnership (AMPATH).

For her work with these families – truly among the world's most at-risk – Dr. Ernst became the third recipient of the SHRS Distinguished Alumni award. Previous recipients include Valerie Hill, Class of 2004, and Elaine Fess, Class of 1967, both graduates of the Occupational Therapy program. Nominations for the 2012 Distinguished Alumni Award are now being accepted. A list of criteria and a nomination form are available on the Alumni Relations web site at <http://www.myiupui.com/shrs-da>.



Pictured from left to right:  
Louise Goggans, Class of 1982, Alumni Board Past President;  
Dr. Augustine Agho, SHRS Dean;  
Sue Klinger, Class of 1987, Alumni Board President;  
Judith Ernst, Class of 1982



# ALUMNI RECEPTION HELD DURING AOTA CONFERENCE

The Department of Occupational Therapy held a reception on Friday April 27 at the JW Marriott in Indianapolis for graduates in conjunction with the 92nd Annual American Occupational Therapy Association Conference and Exposition. More than 180 individuals including alumni, current students, former and current faculty members and representatives of the IU Alumni Association were present. Current students sold t-shirts and sweatshirts to raise money so they can attend the next AOTA Conference which will be held in San Diego California April 25-29, 2013.



A brief program included remarks by Augustine Agho, PhD, Dean of the SHRS. Thomas Fisher, Ph.D (Class of 1977), department chair, shared the history of the OT and OTA programs and brought greetings from the first program director (1958-1963), Patricia Laurencelle, PhD, OTR, FAOTA, now retired and residing in Florida. Dr. Fisher remarked that Dr.

Laurencelle is very proud of being the first program director at IU. She taught at University of Florida, Boston University, Tufts University and Northwestern University before retiring in 1995.

Photographs of all the classes were available (the 50 OT classes and the 21

classes of OTA graduates). Several scrapbooks were shared and a lot of reminiscing was done!

The Annual AOTA Conference and Exposition provides professional networking opportunities, as well as opportunities for continuing professional development.

## INAUGURAL PT ALUMNI RECEPTION A GREAT SUCCESS

At the 2012 American Physical Therapy Association's (APTA's) Combined Sections Meeting (CSM) in Chicago, Illinois, the Department of Physical Therapy and the School of Health and Rehabilitation Sciences co-hosted its inaugural IU PT alumni reception.

"It was a great success, because we had a large turnout – more than 50 people – that included alumni from as far back as the '70s all the way through current students," Dr. Altenburger remarked. "It provided an opportunity for alumni to celebrate their accomplishments with future alumni and friends. It gave recent alums an opportunity to see friends, catch up with faculty, and learn more about ongoing changes to the program."



Alumni from Colorado, Illinois, Minnesota, Kentucky, Ohio, and Indiana shared their professional experiences with faculty and guests, providing insight into their current activities, which span clinical practice, administrative roles, and faculty positions.

"It is an excellent opportunity for networking," Dr. Altenburger said. "Alumni have an opportunity to network with classmates as well as

other graduates. In addition, the Program can reconnect with alumni to promote clinical contacts, adjunct teaching, donations, etc."

The department plans for this event to continue at future APTA Combined Sections meetings. Additional information will be available via Facebook and LinkedIn.



## THERAPEUTIC INTERVENTIONS FOR DISEASED AND DISABLED POPULATIONS



### CAN EXERCISE BE PREVENTIVE MEDICINE?

Jacob Crist, IU DPT Class of 2014, (shown to the left) demonstrates his talent as a world-class running coach – for laboratory rats, that is! He is working under the direction of Dr. Mary Beth Brown, Assistant Professor of Physical Therapy, to evaluate aerobic exercise training as therapy for pulmonary arterial hypertension (PAH). Dr. Brown employs a rat model of the disease to understand how exercise training may ameliorate the maladaptive pulmonary vascular and right-heart remodeling, which ultimately leads to right-heart failure and death in PAH patients.

Jacob assists with the rats' daily training program and exercise testing on the lab's specially-designed rat treadmill and metabolic testing system.



### MAKING STRIDES IN ROBOTIC REHABILITATION RESEARCH

The Riley Hospital for Children Robotic Rehabilitation Center at Indiana University Health is operated by Ryan Cardinal, a full-time PhD student who is also a DPT alumnus. Dr. Cardinal (seen to the left with a patient) is in his third year of study and is actively involved in several research and clinical projects. Some of his primary responsibilities over the past year include collecting data for a study involving robotic therapy for the shoulder/elbow in children with cerebral palsy, and for a study involving robotic therapy for the lower extremities during walking in children with cerebral palsy. His role in these studies include scheduling subjects, performing initial evaluations, performing therapy sessions and managing other therapists for treatments, and assisting with data processing and with data dissemination. Through these studies, Ryan has presented early findings at national conferences. He also is involved in the development of new research studies for these robots, as well as the development of treatment protocols for new, recently acquired robotics equipment.

# SUCCESS!

## SHRS'S INAUGURAL 2011 INTERDISCIPLINARY RESEARCH CONFERENCE



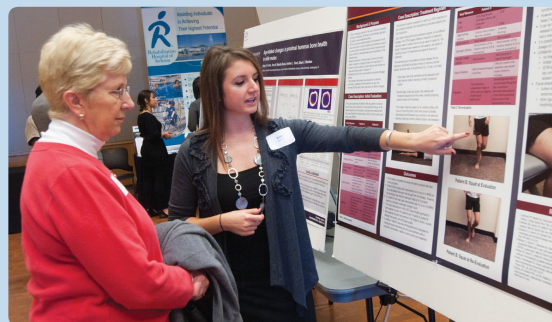
The IU School of Health and Rehabilitation Sciences (SHRS) held its first Interdisciplinary Research Conference at the IUPUI Campus Center on November 12, 2011. Over 200 faculty, alumni, and students from the Departments of Physical Therapy, Occupational Therapy, Nutrition and Dietetics, and Health Sciences, and 10 vendors attended the event. The SHRS Alumni Association coordinated the Conference to promote interdisciplinary collaboration and give students the opportunity to interact with potential employers.

Faculty and students presented 28 posters, with many embodying interdisciplinary collaboration. Poster topics ranged from the benefits of yoga intervention following stroke and robotic task-specific training in children with cerebral palsy to the construction of a health center in rural Honduras and studies in HIV-infected Kenyans.

The conference culminated with a keynote presentation provided by Judith Ernst, DMSc, RD, who was also the recipient of the Distinguished Alumni Award. SHRS is grateful to ATI Physical Therapy for underwriting the expenses associated with hosting the event and luncheon, and the leadership of the Alumni Association for organizing and coordinating the event.

The 2012 conference will be held Saturday, November 17th from 9:00am – 3:00pm at the IUPUI Campus Center. CEUs will be awarded to conference participants.

The SHRS Alumni Association invites vendors and sponsors to consider securing their space. Contact Sharon Holland, Director, Alumni & Special Programs at 317-274-4555 or [shollan@iupui.edu](mailto:shollan@iupui.edu) for more information.





# SHRS 2011 FACULTY EXCELLENCE IN RESEARCH AWARDS



## **Dr. Chiung-ju Liu, OTR, Assistant Professor in the Department of Occupational Therapy,**

is recognized nationally for her research on health literacy, which focuses on increasing accessibility of complex written health information (i.e. cancer prevention and instructions of medical devices) to seniors through the application of text cohesion and multimedia. During the past couple of years, she was first author on four articles published in peer-reviewed journals and one published on the American Occupational Therapy Association's (AOTA) member's only web site in the category of evidence-based practice and research.

Dr. Liu is principal investigator on 3 of 5 ongoing research projects. She presented her research at seven national and two regional meetings.

**Dr. Arlene Schmid, OTR, Assistant Professor in the Department of Occupational Therapy** and faculty in the VA Stroke QUERI and VA HSR&D Center of Excellence at the Indianapolis Roudebush VA Medical Center, received a VA Rehabilitation Research and Development Career Development Award with four years of funding to study social participation after stroke. Arlene is first author on five out of eight articles published in peer-reviewed journals and first author on three of four published abstracts. She is principal investigator on eight of eleven ongoing projects. She is also a co-investigator on a NIH Ro1 grant. Arlene has presented her research at seven regional and four national meetings. In addition, she also received the 2007 School of Health and Rehabilitation Sciences' Excellence in Research Award.



## **Indiana University Trustees Teaching Award**

## **Dr. Stuart Warden, PT, FACSM, Associate Professor & Director of Research for the Department of Physical Therapy,**

is the recipient of the prestigious 2011 American Society of Bone and Mineral Research Early Career Excellence in Teaching Award. The award honors his strong commitment to teaching and learning in the classroom as well as in the clinic and research laboratory setting. Stuart served as chair for two Ph.D. Dissertation Committees. He supervised two graduate students, one undergraduate student, and was a member of one master's thesis committee. Two of his doctorate students received three national awards and two others earned travel grants to attend national meetings. Stuart co-authored one peer-reviewed manuscript on enhancing performance in higher cognitive domains.

The IU Trustee Teaching award is the highest, campus-wide teaching award presented to outstanding faculty.



# SHRS CELEBRATES ANOTHER MARY McMILLAN AWARDEE



The SHRS proudly announces that another IU DPT student won the prestigious Mary McMillan Scholarship Award, sponsored by the American Physical Therapy Association. Ms. Lisa Daily, DPT Class of 2012, recently learned that she was one of the 2012 scholarship recipients and would be expected to attend the Annual Conference in Tampa, Florida, to accept her award.

In her tenure with the DPT Program, Lisa developed a special interest in the area of neurological disorders. She enrolled in an extra clinical course focusing on the treatment of neurological disorders, further strengthening her primary area of interest.

Lisa helped develop an exercise DVD for a community site designed to help determine safe exercises the staff and adults could participate in to develop cardiovascular endurance, strength and flexibility. Additionally, she volunteered in a student-organized community program as an exercise instructor for clients at a local senior living center.

Lisa excelled in her undergraduate career at Ohio Northern University prior to beginning the DPT program in August 2009. She demonstrated a strong commitment for advancing physical therapy through research, and focused on studies relating to the prevention of osteoporosis. Projects spanned from animal to human studies, all focused on building a healthy skeleton across the lifespan. One of her most important research contributions has been her effort in developing an evidence-based approach to treating patients with osteoporosis.

Lisa graduated in May and will move on to a neurological physical therapy residency with The Ohio State University.

## CHANCELLOR'S SCHOLAR SELECTION

Sage Kiele Stevens Weaver is the 2012 SHRS recipient of the IUPUI Chancellor's Scholar award, an award given to graduating students with the highest cumulative grade point average. "Sage has shown sustained academic excellence by maintaining a 4.0 GPA in both undergraduate and graduate course work," states Dr. Joyce Mac Kinnon, Associate Dean. Sage received a Bachelors of Arts of Neuroscience from the College of Wooster in Ohio, graduating cum laude having done her capstone research at the National Institutes of Health. While in the IU Master of Science in Occupational Therapy program, she was the recipient of the Katherine Belzer Fellowship and the Carol Duke Nathan Fellowship. As President of the Student Occupational Therapy Association (SOTA) and a member of the Pi Theta Epsilon National OT Honor Society, she engaged in many service-learning and outreach projects.

"It is extremely difficult to put into words my feelings about receiving the Chancellor Scholar's award," she says. "I guess the best word I can use is 'honored.' Sitting in a room with such prestigious faculty and student award recipients was both amazing and humbling. After hearing the accomplishments and stories of other recipients, getting to be on the same stage was incredible. Standing with the chancellor on one side and Dean Agho on my other side, I couldn't help but feel a rush of pride and great accomplishment. I felt so privileged to represent the School of Health and Rehabilitation Science, and it was a memorable day – I know my mom was very proud too!"

Ms. Weaver graduated in May, then promptly moved to Nashville, Tennessee for a clinical fieldwork rotation. She plans to continue to live and work in the area.



# SHRS DONORS OF 2011

The School of Health and Rehabilitation Sciences is grateful for the support provided by alumni and friends during the past year. Private support has a tremendous impact on the school and its programs, enabling us to provide scholarship support to attract and retain talented students, purchase new technology for the classroom, enhance research capabilities, and provide programs for both student and faculty development.

We would like to publicly recognize and thank the following individuals, corporations and foundations for their gracious financial support during the calendar year 2011. For information on how to contribute, please contact Christine Baldwin, Director of Development at 317-274-5151 or by email at [chrwaldw@iupui.edu](mailto:chrwaldw@iupui.edu).

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## SCHOOL OF HEALTH AND REHABILITATION SCIENCES

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## RACE TO THE FINISH! JOIN US FOR THE FINAL STRETCH

The IUPUI IMPACT Campaign has been a tremendously successful campaign to date. We embrace the IMPACT Campaign as an opportunity to reach out to our alumni and friends to further confirm our collective commitment to excellence in research, scholarship, education and patient care.

Each School on IUPUI campus has secured charitable support from a variety of constituents and friends throughout the Campaign. The School of Health and Rehabilitation Sciences has raised over \$1.1 million toward our goal of \$2 million. The IMPACT Campaign is now in its final twelve months and we ask for your financial contributions to enable us to provide student scholarships and fellowships and support student and faculty development.

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