Teaching & Learning

- **Patricia Scott, PhD, MPH, OT, FAOTA** presented a lecture to the Rehabilitation Hospital of Indiana’s Occupational, Physical, and Speech Therapy staff entitled, “All research is not created equal: Evaluating the Evidence.”
- **Valerie Strunk, PT, MS, DCE** taught a national Clinical Instructor Credentialing Program course through the APTA in March. Attendees for the 2-day course included 44 PTs, PTAs, OTs and SLPs, resulting in a Clinical Instructor Credential for the PT professionals in attendance.
- The **Department of Nutrition & Dietetics** was notified by the Commission on Dietetic Registration that the **Dietetic Internship Class of 2014** scored a 100% first time passing rate on the Registration Examination for Dietitians. February 2015.

Research, Scholarship & Creative Activity

Grants

- **Terry Loghmani, PhD, PT** was awarded the IUPUI BBRC (Biomechanics and Biomaterials Research Center) Grant for $10,000 for the research project entitled, “Quantification of force during soft tissue massage for research and clinical use.”
- **Patricia Scott, PhD, MPH, OT, FAOTA** and **Tracy Dierks, PhD** were awarded an IUPUI Mentoring Grant for $10,000 titled, “Creating an Infrastructure for Professional Development and Mentoring in the School of Health and Rehabilitation Sciences.”
- **Patricia Scott, PhD, MPH, OT, FAOTA** was awarded a Curriculum Enhancement Grant for $15,000 titled, “CTL grant Interprofessional Grand Rounds: An Initial Step in the Development of an Interprofessional Curriculum for the Health Profession Schools.”

Publications

- De la Motte S, **Arnold BL**, Ross SE. Trunk-rotation differences at maximal reach of the star excursion balance test in participants with chronic ankle instability. *Journal of Athletic Training* 2015;50:358-65
Research, Scholarship & Creative Activity (cont.)

**Presentations**


- **Peter Altenburger, PhD, PT, Hilary Nuest (DPT student), Caitlin Stevenson (DPT student), Carolyn Ebbens (DPT student), Terry Loghmani, PhD, PT, K Norris.** The Impact of Required Participation in a Student-Led Community Outreach Clinic on Perceived Value and Participation. Presented at the American Physical Therapy Association Combined Sections Meeting. Indianapolis, IN. February 2015.

- **Amy Bayliss, DPT, PT, Trent Crandall (DPT student), Danielle Farmer (DPT student), Stuart Warden, PhD, PT, FACSM.** Instrument Assisted Soft Tissue Mobilization alters material and mechanical properties in healthy, shortened Achilles tendons. Presented at the American Physical Therapy Association Combined Sections Meeting. Indianapolis, IN. February 2015.


- **Sarah Shue (Health Science PhD Student) selected to participate in ISSEC’s IUPUI Student Idea Pitch Competition with the presentation of her original idea for a community non-profit program to support returning Veterans from deployment entitled: Actively Serving. Mentor: Niki Munk, PhD, LMT.** March 6, 2015.

- **William Thompson, DPT, PhD.** Mechanical Signaling in Bone Marrow Stem Cells. Eli Lilly and Company. Indianapolis, IN. January 2015.

- **William Thompson, DPT, PhD, Sherwin Yen, Gunes Uzer, Buer Sen, Zhihui Xie, Maya Styner, Janet Rubin.** A Novel Osteocyte Model that Recapitulates in vivo Mechanical and Hormonal Responses. Presented at the American Physical Therapy Association Combined Sections Meeting. Indianapolis, IN. February 2015.


- **Amy Bayliss, DPT, PT, Amy Watson (DPT Student), Valerie Strunk, MS, PT, DCE, Terry Loghmani, PhD, PT, Peter Altenburger, PhD, PT.** Preparing students for management of the patient with multimorbidities. Presented at the American Physical Therapy Association Combined Sections Meeting. Indianapolis, IN. February 2015.

- **Tsungai Chingombe, Mary Beth Brown, PhD, PT, ATC.** Exercise Training Ameliorates RV Cardiomyocyte ‘Glycolytic Switch’ and Improves Aerobic Capacity In Rats with Hypoxic Pulmonary Hypertension. Presented at the Indiana Physiological Society (INPhys) Annual Meeting. Indianapolis, IN. February 2015.

- **Catherine Collins (DPT Student), Jacob Crist (DPT Student), Shikha Gupta, Attie Kempf, (DPT Student), Yaron Hellman, Mark Farber, T Lahm, Mary Beth Brown, PhD, PT, ATC.** Clinical investigation of a daily walking program plus L-arginine supplementation for the treatment of pulmonary arterial hypertension. Presented at the American Physical Therapy Association Combined Sections Meeting. Indianapolis, IN. February 2015.

- **Carolyn Ebbens (DPT Student), Sarah Raciti (DPT Student), Erica Zartman (DPT Student), Stuart Warden, PhD, PT, FACSM, Linda DiMeglio, Peter Altenburger, PhD, PT, Mary Gannotti, Robyn Fuchs, PhD, FACSM.** “Exercise and Bone Health in Children with Cerebral Palsy and Injured Brain: A Systematic Review.” Poster presentation at the American Physical Therapy Association Combined Sections Meeting. Indianapolis, IN. February 2015.

- **Elizabeth Guildenbecher (DPT Student), Rick Barker (DPT Student), Stuart Warden, PhD, PT, FACSM.** Full-text publication rate of abstracts presented at the American Physical Therapy Association Combined Sections Meeting. Indianapolis, IN. February 2015.

- **Ron Harper (DPT Student), Josh Weyer (DPT Student), Brent Bremer (DPT Student).** Sean Cooney, Amanda Fisher, Robert Presson, Tim Lahm, Irina Petracce, Mary Beth Brown, PhD, PT, ATC. Exercise Training at Mild Relative Exercise Intensity Does Not Attenuate Disease Progression in a Rat Model of Severe Pulmonary Arterial Hypertension. Presented at the American Physical Therapy Association Combined Sections Meeting. Indianapolis, IN. February 2015.
Research, Scholarship & Creative Activity (cont.)

Poster Sessions (cont.)

- **Terry Loghmani, PhD, PT, Amy Watson (DPT Student), Peter Altenburger, PhD, PT, Amy Bayliss, DPT, PT, Tracy Dierks, PhD, Valerie Strunk, PT, MS, DCE.** Bridging the Transition from the Classroom to the Clinic: An Application of the Integrated Longitudinal Case-Based Learning Model in Developing a Cross-Course Integrative Learning Opportunity. Presented at the American Physical Therapy Association Combined Sections Meeting. Indianapolis, IN. February 2015.


- **Kristine Miller, PhD, PT and Stephanie Combs-Miller.** Physical Therapists Self-Reported Use of Standardized Outcome Measures in Clinical Practice. Presented at the American Physical Therapy Association Combined Sections Meeting. Indianapolis, IN. February 2015.

- **Rachel Novack, Mary Beth Brown, PhD, PT, ATC.** Training at Moderate Relative Intensity Improves Skeletal Muscle Metabolism in Rats with Pulmonary Arterial Hypertension. Presented at the Indiana Physiological Society (INPhys) Annual Meeting. Indianapolis, IN. February 2015.

- **William Thompson, DPT, PhD.** Sherwin Yen; Gunes Uzer, Buer Sen, Zhihui Xie, Maya Styner, Janet Rubin. Targeting RhoA GEFs and GAPs to Direct Mesenchymal Stem Cell Osteogenic Differentiation. Presented at the American Physical Therapy Association Combined Sections Meeting. Indianapolis, IN. February 2015.

- **Stephanie Coward (dietetic intern) and Jessica Radin (dietetic intern) presented a program on Crockpot Meals for medical students on March 24, 2015. The presentation was sponsored by the School of Medicine Student Wellness Committee.**

- **Laura Eldridge (dietetic intern), Sarah Gafter (dietetic intern), Cammane Wun (dietetic intern), Jessie Moosbrugger (dietetic intern), Molly Pflipsen (dietetic intern) and Jennifer Perceval (dietetic intern) participated in a health fair on February 5, 2015 at the magnet school, Center for Inquiry 27 in Indianapolis. Approximately 300-350 people - children grades k-8 and their families attended. Interns shared information on meal planning using MyPlate and the recipes for breakfast granola.**


- **Michael Justiss, PhD, OTR** solicited for laptops to be used by Assistive Technology Center at Easter Seals.

- **Brenda Lawless** participated as a judge for the IUPUI Top 100.

- **Valerie Strunk, PT, MS, DCE** participated as a workshop leader at the 2015 Curiosity, Confidence, Challenge Conference for middle school girls on March 14, 2015. Professor Strunk presented 5 active learning workshops to teach girls in grades 6-8 interested in careers in STEM fields about what Physical Therapists do and how they make clinical decisions.

Civic Engagement & Service

- **Stephanie Coward (dietetic intern) and Jessica Radin (dietetic intern) presented a program on Crockpot Meals for medical students on March 24, 2015. The presentation was sponsored by the School of Medicine Student Wellness Committee.**

- **Laura Eldridge (dietetic intern), Sarah Gafter (dietetic intern), Cammane Wun (dietetic intern), Jessie Moosbrugger (dietetic intern), Molly Pflipsen (dietetic intern) and Jennifer Perceval (dietetic intern) participated in a health fair on February 5, 2015 at the magnet school, Center for Inquiry 27 in Indianapolis. Approximately 300-350 people - children grades k-8 and their families attended. Interns shared information on meal planning using MyPlate and the recipes for breakfast granola.**


- **Michael Justiss, PhD, OTR** solicited for laptops to be used by Assistive Technology Center at Easter Seals.

- **Brenda Lawless** participated as a judge for the IUPUI Top 100.

- **Valerie Strunk, PT, MS, DCE** participated as a workshop leader at the 2015 Curiosity, Confidence, Challenge Conference for middle school girls on March 14, 2015. Professor Strunk presented 5 active learning workshops to teach girls in grades 6-8 interested in careers in STEM fields about what Physical Therapists do and how they make clinical decisions.

External Awards and Appointments

- **Peter Altenburger, PhD, PT** was appointed as Chair of the Benchmarks for Excellence Taskforce for the American Council of Academic Physical Therapy.

- **Miriam Barr and Sharon Pape, MS, OTR** were nominated for IUPUI Women’s Leadership Awards.

- **Mary Beth Brown, PhD, PT, ATC** was awarded best Cardiopulmonary Section research at the American Physical Therapy Association Combined Sections Meeting in Indianapolis for poster titled: Exercise Training at Mild Relative Exercise Intensity Does Not Attenuate Disease Progression in a Rat Model of Severe Pulmonary Arterial Hypertension. February 2015.

- **Mary Beth Brown’s student Tsungai Chingombe (undergraduate- MURI program) was awarded best undergraduate research at the Indiana Physiological Society (INPhys) Annual Meeting, for poster titled: Exercise Training Ameliorates RV Cardiomyocyte ‘Glycolytic Switch’ and Improves Aerobic Capacity In Rats with Hypoxic Pulmonary Hypertension. Indianapolis, IN. February 2015.**
External Awards and Appointments (cont.)

• Robyn Fuchs, PhD, FACSM was elected to Fellow status of the American College of Sports Medicine (FACSM), a prestigious distinction within the College based on service, teaching and research that supports the mission of the College.


• Niki Munk, PhD, LMT. Manuscript Reviewer for Journal of Complementary and Integrative Medicine.

• Over 300 students, faculty, alumni, and friends attended the Department of Physical Therapy Alumni Reunion held at the American Physical Therapy Association Combined Sections Meeting in Indianapolis, IN. February 6, 2015.

• Sara Blackburn, DSc, RD was named the 2015 Outstanding Dietitian for the State of Indiana.