

FACULTY RECOGNITION NEWSLETTER

School of Health and Rehabilitation Sciences

Fall | 2016



Dedicated, Hardworking Faculty Achieving More

Another academic year is well under way and our dedicated, hardworking faculty are continually striving to improve themselves, the School, and the students who are thriving under our guidance.

Please take some time to read through the many awards, accomplishments, promotions, appointments, and grants, for which our School is so proud.

Also, please visit the school's new website to find out more about each program, the faculty, and the latest research news.

<http://hrs.osu.edu/>

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Dr. Larsen, Director SHRS, and Dr. Hothersall, Emeritus Professor

New Track & Curriculum

The School of Health and Rehabilitation Sciences continues to grow in the number of programs offered. Recently approved were:

- Minor in Medical Laboratory Science
- Master's in Respiratory Therapy curriculum was approved by the University Senate

New Faculty and Promotions

Physical Therapy

Physical Therapy announces promotion of three faculty. Congratulations to Deb Kegelmeyer, Professor Clinical; Laura Schmitt, Associate Professor with tenure; and Jill Heathcock, Associate Professor with tenure.

Dr. Susan Appling, PT, DPT, PhD, OCS has joined the Physical Therapy Faculty in a lecturer position in August. Dr. Appling is currently in her 2nd year of a 3-year term as Director on the American Physical Therapy Association Board of Directors. She also has been appointed to the Education Leadership Partnership Steering Committee, a nine-member national panel that will set the priorities for DPT education in the US.

Occupational Therapy

Erika Kemp, OTD, MS, OTR/L Lecturer in the OT Division, completed her post-professional Clinical Doctorate in Occupational Therapy through Indiana University in August 2016. Her capstone project investigated whether or not there were differences in student characteristics or abilities that might enable success during Level II fieldwork in different occupation therapy practice settings.

Occupation Therapy welcomes new faculty member, Lindy L. Weaver, PhD, MOT, OTR/L (*pictured right*) as Assistant Clinical Professor.

Steve Page was named to the Rehabilitation and Recovery Board for NIH StrokeNet; a multidisciplinary network of sites running critical trials in various areas of stroke. Steve was also named as a Standing member to the NIH's Function, Integration, and Rehabilitation Sciences Committee

Medical Laboratory Science

Tammy Bannerman has received a 2 year contract (renewable up to 6 years) with Ohio Department of Health Laboratory to serve as the CLIA Laboratory Director.

Mireia Guerau-de-Arellano, PhD has received a licensing deal with Prelude Therapeutics to develop Epigenetic Inhibitors for Cancer



Lindy Weaver, PhD, MOT, OTR/L

Grants Received

Medical Dietetics

Marcia Nahikian-Nelms

- Received a grant from Abbott Nutrition to provide training to Registered Dietitians.

Colleen Spees

- Grant from National Cattleman's Beef Association for studying Beef as a component as a Component of a Healthy Dietary Pattern in Cancer Survivors

Medical Laboratory Science

Nick Funderburg

- R00 - Tissue factor expression in HIV disease - Implications for cardiovascular risk
- R01 - Cellular mediators of vascular inflammation in treated HIV infection
- Soy Modulation of immune Activation, LDL-levels, and Lowering Inflammation by Pretzel Isoflavone Dietary intervention
- Gilead Funding for Changes in inflammation following intervention with TAF

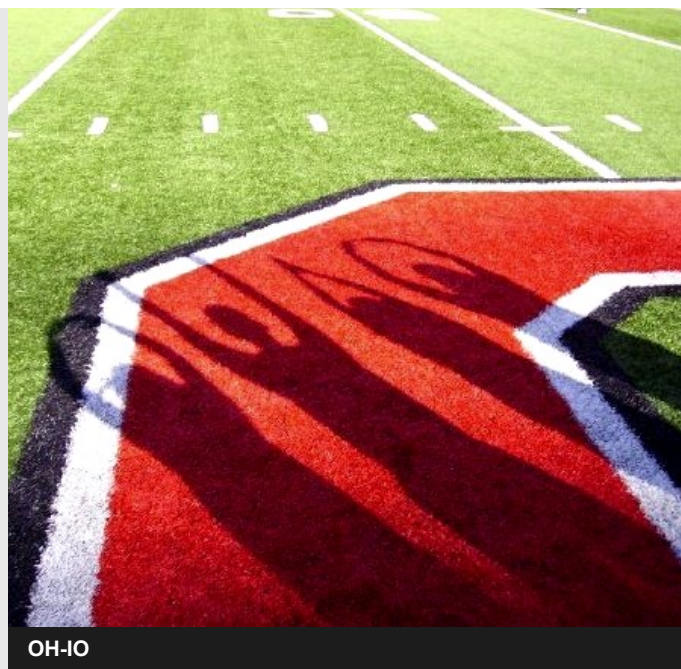
Mireia Guerau-de-Arellano

- Received R01 funding for Epigenetic modulation of T Cell Tolerance in multiple Sclerosis Autoimmunity
- Received Training Grant for iCorps-Epigenetic Modifier Enzyme Drugs in inflammatory disease

Occupational Therapy

Steve Paige

- Multicenter grant to lead a study examining the use of myoelectric bracing on affected arm movement in moderately impaired



Athletic Training Highlights

- Program enrollment has increased 33% over the past 2 years.
- AT has created a "Pre-Admission" pathway that reserves (up to 6) program admission spots for graduating high school seniors coming to OSU to study AT. They are using this as a recruitment tool for the most competitive students nationally. Their holistic secondary admission process was reviewed and updated to better align with the attributes and characteristics identified to be school-wide priorities.
- Class of 2016 was 6th consecutive cohort to have a 100% first-time pass rate on the national board exam
- Proposal to transition our professional BSAT to a professional Master of Athletic Training degree is nearing completion.
- Jimmy Onate participated in the university's Early Arrival Program for Hispanic/Latino Students Awards.

Medical Dietetics Highlight

- The faculty hosted the Martha Nelson Lewis nutrition symposium on Friday, Sept. 23rd. This conference featured seven outstanding nationally-recognized speakers including a visit from Brutus Buckeye during lunch. Ninety three individuals attended the conference.

Article Publications

- Butz J, Brick D, Rinehart-Thompson LA, Brodник M, Agnew AM, Patterson ES. (2016). Differences in coder and physician perspectives on the transition to ICD-10-CM/PCS: A survey study. *Health Policy and Technology*, 2016. (5):251-9.
- Spees CK, Hill E, White S, Grainger E, Buell J, et al. Feasibility, Preliminary Efficacy, and Lessons Learned From a Garden-Based Lifestyle Intervention for Cancer Survivors. *Cancer Control: Journal of the Moffitt Cancer Center*. 2016 July; 23(3).
- Spees CK, Alwood A, Wolf KN, Rusnak S, Taylor CA. Poor adherence to preventive healthcare and cancer screening guidelines among food pantry clients. *Journal of Hunger & Environmental Nutrition* (2016): 1-13. doi: 10.1080/19320248.2015.1095143. Published online: 25 Apr 2016.
- Michelle A. Schafman, Yun-Seok Kang, Kevin Moorhouse, Susan E. White, John H. Bolte IV, Amanda M. Agnew. Age and sex alone are insufficient to predict human rib structural response to dynamic A-P loading. *Journal of Biomechanics*. Published online 23 Sept 2016.
- Randee L. Hunter, Amanda M. Agnew, Intraskelatal variation in human cortical osteocyte lacunar density: Implications for bone quality assessment, *Bone Reports*, Volume 5, December 2016, Pages 252-261, ISSN 2352-1872, <http://dx.doi.org/10.1016/j.bonr.2016.09.002>.

Presentations

- Spees CK. Invited Keynote. Research that Matters: Food Insecurity, Community Engagement and Impact. The New Face of Food Insecurity. Food Security and Sustainability Institute. University of South Florida, College of Public Health, Tampa, FL. Apr 2016.
- Spees, CK. Invited Platform Presenter. Does DNA = Destiny? Deciphering evidence-based guidelines for diet and physical activity. 2016 International Li-Fraumeni Syndrome Conference & 3rd Annual LiFE Consortium and LFS Association Conference. Jun 2016.
- Carmen DiGiovine spoke at the Technology Rehabilitation: A Hands on Course in Assistive Technology as the opening speaker. The event was a 3-day conference hosted by the Department of Veterans Affairs and attended by both the VA and the Department of Defense. Her presentation was titled, "The Clinician Scientist in the Assistive Technology Lab".
- Dr. Colleen Spees and her student, MS/PhD Student Emily Hill will be presenting at the 2016 International Li Fraumeni Syndrome Conference & the 3rd Annual LiFE Consortium
- Marcia Nahikian-Nelms research in chronic pancreatitis has been accepted for a poster presentation at the National Pancreatic Association to be held in Boston on October 28, 2016.
- Marcia Nahikian-Nelms and Chris Taylor's Graduate student, Liz Kiley, had her thesis research selected as an Outstanding Abstract for the national Conference for the Academy of Nutrition and Dietetics in October. The research will be highlighted during a special presentation of the highest scored abstracts for the conference.



Atwell Hall, School of Health and Rehabilitation Sciences

Faculty Books

Basso DM, Buford JA, Heathcock J, Kegelmeyer D, Kloos A, **Nichols-Larsen DS**. Editor: Nichols-Larsen. *Neurologic Rehabilitation: Neuroscience and Neuroplasticity in Physical Therapy Practice*. McGraw-Hill. 2016.

Smith A, Collene A, Spees CK. *Contemporary Nutrition: A Functional Approach*. 5 ed. Dubuque, Iowa: McGraw-Hill Education. In Press.

Melanie Brodnik and Laurie Rinehart-Thompson are co-editing and authoring the third edition of *Fundamentals of Law for Health Informatics and Information Management* (AHIMA Press).

Faculty Awards

John Buford

- “Outstanding Faculty Service” Award from HRS 2015-2016

Anne Cloos

- “Outstanding Faculty Teaching” Award from HRS 2015-2016

Deborah S. Larsen

- Catherine Worthington Fellow of the American Physical Therapy Association.

Mark Merrick

- Outstanding Educator Award from the Great Lakes Athletic Trainers Association
- “Most Distinguished Athletic Trainer” Award by the NATA. This award honors major service at the national level for over at least 20 years and is awarded to multiple recipients each year.

Marcia Nahikian-Nelms

- Alumni Award for Distinguished Teaching and was honored at the first home football game

Lindy Weaver

- “Samuel B. Hanser Visionary” Award by the Kripalu Institute for Extraordinary Living. This award is targeted specifically to advance innovations in yoga research.

Colleen Spees

- Distinguished Practice Award, Academy of Nutrition and Dietetics Oncology Nutrition Practice Group, Jun 2016.
- Award for Excellence in Oncology Nutrition Research, Academy of Nutrition and Dietetics Oncology Nutrition Practice Group, Oct 2016.

Natalie Stephens, Meghan Day, Emily Hill, and others

- Community Garden of the Year Award from fpconservatory.org

Alex Zuo

- Alex Zuo was the Sole Winner of American Physiological Society (APS) 2016 S&R Foundation Ryuji Ueno Award* (Apr 2016; * the largest APS award of 2015-16)

Fulbright Research Scholar Award

Jill Heathcock received the Fulbright Research Scholar award and is currently in Lille, France at the Université de Lille 2 Droit et Santé for a year working on a project titled: *Adding motor and cognitive indicators of health and disability in high-risk mothers and infants*

She also received a prestigious Patient-Centered Outcomes Research Institute (PCORI) grant and a R01 grant from NIH for *Daily and Weekly Rehabilitation Delivery for Young Children with Cerebral Palsy (DRIVE Study)*.

Launching Service-Learning in Vulnerable Communities (HS 2300)

Crystal Dunlevy and Colleen Spees developed and implemented this service-learning course using award funds. In the last 4 weeks of this course, students immerse themselves in the community with one of our partner organizations to assist in areas such as socioeconomic status, mental or physical disabilities and more and the impact on both individual and community health.

Elections and Appointments

Tonya Apke

- Elected as the Ohio Physical Therapy Association President-elect. She will serve in this role for a year and then transition to OPTA President starting in July 2017.
- Tonya was re-elected as Membership Secretary of the Clinical Education Special Interest Group of the Education Section of the American Physical Therapy Association.

Melanie Brodnik

- Chair of the Health Information Management Accreditation Council for the Commission on Accreditation of Health Informatics and Information Management academic programs. She is completing her sixth year with the Commission, having served four years as a board member and commissioner, the last two years as a member and 2016 as chair of the Council.

Carmen DiGiovine

- Appointed by the executive committee of faculty council to the Committee on Intellectual Property, Patents, And Copyrights for a 3-year term.

Jill Heathcock

- Dr. Heathcock is an Editorial Board Member for *Physical Therapy Journal*, the PT profession's premier scientific journal.

Anne Kloos

- Became an Associate Editor for the *Journal of Neurologic Physical Therapy*.

Mark Merrick

- President of the Commission on Accreditation of Athletic Training Education (CAATE).

Andrew Persch

- The AOTA membership elected Dr. Persch to the Special Interest Section Council. In this role, Dr. Persch will serve one year (16-17) as Chairperson-Elect and three years (17-20) as Council Chairperson.

Georgianna Sergakis

- Elected as the American Association for Respiratory Care (AARC) education chair. She will begin her term as chair elect in 2017.

Chris Taylor

- Has been invited by Daystar University in Nairobi Kenya to facilitate a research and publication forum for the faculty of Daystar University in summer 2017. The purpose of the program is to enhance the capacity of the institution to support strong scientific inquiry in the areas of nutrition and public/community health. This will also facilitate collaboration that will open up funding doors for international projects and foster international faculty relationships.
- Chris Taylor has also been invited to speak and serve on an expert panel for a dietary sugar data quality meeting being put on by Healthy Food America in Washington DC in December.



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