

A black and white photograph of a camera lens, viewed from the front. The lens elements are visible as concentric circles, creating a tunnel-like effect. In the center, a landscape scene is reflected, showing a body of water, trees, and a building with a steeple under a cloudy sky.

UNIVERSITY OF FINDLAY

FACULTY FOCUS

SPRING 2017

This premier issue of the University of Findlay's Faculty Focus provides a look at faculty research in several disciplines, including science, health care, liberal arts, business and education. Across these pages you will see how University of Findlay faculty advance knowledge and impact their disciplines through their scholarship. As teachers, their scholarly engagement enables exceptional student learning on our campus. A true illustration of the University's commitment to offering a broad educational experience, this publication showcases the work of our exceptional faculty, who guide students on to meaningful lives and productive careers.



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Some Things Just Can't Be Measured...or Can They?

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Yaseen Alhaj-Yaseen, Ph.D., is fascinated by financial behavior. What influences people's decisions on purchases? Why do they invest in certain companies or industries? This fascination has led him to focus on the practice of "herding," in the stock market. This type of groupthink usually surfaces in extreme markets and can cause massive sell-offs, or, in some cases, massive purchases, which drive prices up or down accordingly.

"There is more of a herding tendency when markets are down," said Alhaj-Yaseen, UF assistant professor of finance. "Suddenly, everyone is selling off. They actually will leave the market altogether."

WE RIDE

ON THE



AS HERD

MARKET!



He believes that herding is harmful because it can drive prices too high or too low and also can keep investors from following a rational investment strategy. He also feels there is a relationship between herding and “information asymmetry.” The less information investors have about a company, the more likely the herding instinct will kick in. For this reason, smaller companies are more vulnerable.

“Herding Behavior, Market Liberalization, and Information Asymmetry: Evidence from China’s Equity Markets,” is a working paper that Alhaj-Yaseen hopes to publish in the near future. He feels that Chinese markets are more susceptible to herding because investors aren’t as informed.

“There is not as much herding in the U.S. because we have sophisticated investors and strict Security & Exchange Commission (SEC) rules that require firms to disclose more information,” he added. According to Alhaj-Yaseen, the China Securities Regulatory Commission (CSRC) is not as strict as the SEC in monitoring firms or traders. At the same time, the vast majority of traders in China are novice individual investors. These two factors have created the right conditions for herding behavior to prevail in the Chinese market.

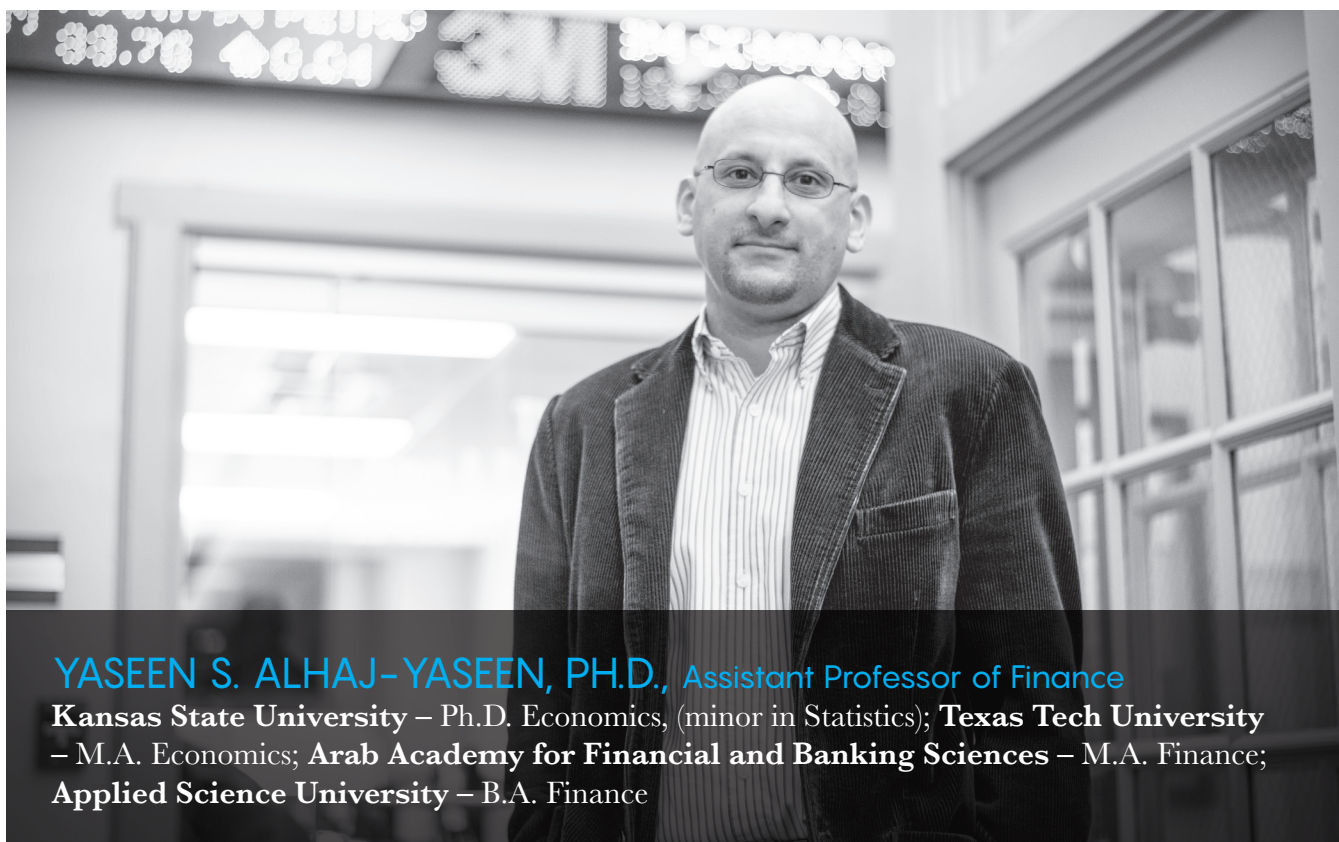
The best advice Alhaj-Yaseen can give to those investing on their own is to invest at the market index level. Potential investors should also take into consideration their age and financial status.

“You have to ask yourself if you can afford to take risks. How long can you wait to get a return on your investment?” he stated.

Alhaj-Yaseen’s advice is worth taking. He holds a Bachelor of Arts in Finance from Applied Sciences University in Amman, Jordan and a Master of Arts in Finance from the Arab Academy for Financial and Banking Sciences, also in Amman.

After arriving in the United States, he completed a Master of Arts in Economics at Texas Tech University and earned a Ph.D. in Economics from Kansas State University in 2010, and then entered the Post-Doctoral Bridge to Business Program in Finance at Virginia Polytechnic Institute and State University, which he completed in 2012.

“I BELIEVE IN THE WOW EFFECT AND WANT THEM INVOLVED FROM THE VERY FIRST CLASS.”



YASEEN S. ALHAJ-YASEEN, PH.D., Assistant Professor of Finance
Kansas State University – Ph.D. Economics, (minor in Statistics); **Texas Tech University** – M.A. Economics; **Arab Academy for Financial and Banking Sciences** – M.A. Finance; **Applied Science University** – B.A. Finance

HIT THE GROUND RUNNING

Honed by the quick pace and adventure of investment markets, Alhaj-Yaseen's teaching style is intense and he expects his students to be alert and involved. He prefers classrooms to online teaching.

"I can see in their eyes if the students 'get it,'" he continued. "I believe in the WOW effect and want them involved from the very first class. I bring up financial topics that are relevant to them and we discuss significant news of the markets." He admits he likes to push students out of their comfort zone. His students are engaged and excited ... but it wasn't always like that.

During his first teaching position in 2004, Alhaj-Yaseen recalled that he stood with his back to the class and wrote on the board the entire time. Not happy with his classroom performance, he decided to take action.

"I want to be an expert at everything that's important to me," he added, "and teaching is important."

Realizing that teaching is a skill that needs to be developed, he returned to classes and earned a Teacher Training Program Certificate from the Academy of Economics and Finance, Charleston, South Carolina and a Master-Teacher Program Certificate from Georgia State University in 2012. To sharpen his skills even more, he completed another teacher training program at the Academy of Economics and Finance, Chattanooga, Tennessee in 2014.

"I can now say I'm a very successful teacher," he smiled.

FINANCIAL SKILLS = EMPLOYABILITY

Financial modeling is the act of building a representation of a real world financial situation. It's a mathematical model that's designed to represent a simplified version of the performance of a financial asset, portfolio or any other investment.

With today's volatile market, it's understandable that the ability to construct solid financial models is a desirable skill. UF's

College of Business began offering a certificate program in financial modeling in the fall 2016 semester. In addition to teaching the classes in the program, Alhaj-Yaseen oversees student selection.

"It requires six semester hours and students must be invited into the program," he stressed. "I draw mostly from the finance and actuarial science majors." He's impressed that the projects are identical to what any professional would do.

"We're doing graduate level work in an undergraduate program."

According to the Bureau of Labor Statistics' Occupational Outlook Handbook, employment of financial analysts is projected to grow 12 percent from 2014 to 2024, faster than the average for all occupations. A growing range of financial products and the need for in-depth knowledge of geographic regions are expected to lead to strong employment growth.

Want to know what it's like to major in finance or economics at the University of Findlay? Email alhaj-yaseen@findlay.edu.

*You know, cover girls eat nothing
She says beauty is pain and there's beauty in everything
What's a little bit of hunger?
I could go a little while longer, she fades away*

*"Scars to Your Beautiful"
Performed by Alessia Cara**

WHEN THE MIRROR'S AN ENEMY

It was during college that Allison Kiefner-Burmeister, Ph.D., UF assistant professor of psychology, realized that even children ages 4-6 were concerned about body image. A developmental psychologist, Kiefner-Burmeister joined the University of Findlay faculty in 2014. Her research has focused mainly on body image, weight bias and eating behaviors. She summarizes it as, "Healthy mind, healthy body."

Food, obesity, eating disorders and body image; the issues start at an increasingly younger age, thanks to media representations of perfection and lack of knowledge about what foods are healthy and what foods are not.



“Today, everything is airbrushed, including TV promotions and even the Sear’s Catalog,” Kiefner-Burmeister stated. “By age 13, kids are aware of airbrushing, but the younger ages aren’t aware. Kids need reminders about how to handle this.” She added that some countries require disclaimers in advertising that state the image has been “digitally modified.”

Constant exposure to perfect, unattainable images of human beings can cause young women and men to feel they are inferior which can lead to eating disorders and depression.

Along with her students, Kiefner-Burmeister is conducting a study on body types, involving children ages 4-7. They have interviewed kids from Findlay, Toledo and Sidney, Ohio and plan to add inner city Cincinnati to assure a diversity of participants. Using paper cutouts and photos, they question the subjects individually, with always interesting results.

“This spring, we are showing each child a group of photos and asking who is the most likely to be president,” she explained. “Even though they have only known an African-American president until recently, we anticipate that most of them will still choose a white male.”

Young children are also bombarded with “ideal” human images through television and movies, Kiefner-Burmeister explained.

“Disney is O.K. when they stick strictly to cartoon images or real people, but now they’re using computer-generated images that look real but aren’t. I give them credit for trying to be more culturally diverse, but they still generally use light-skinned African American women and, recently, a cartoon Hawaiian who definitely does not have the normative body type. Disney may care about diversity, but not about body image.”

CARAMEL LATTE ... THE PERFECT STORM?

Related to body image and the physical perception of oneself is the issue of obesity in children and adolescents. In 2013, Kiefner-Burmeister published an article about graduate schools rejecting obese students and received lots of attention from the academic community and media. Today, she continues to wage war on the promotion of unhealthy foods to unsuspecting audiences.

“We’re programmed to love sugar, salt and fats,” she said. “That’s why a Starbucks’ salted caramel latte is the perfect storm. Of course, the Starbucks’ marketing folks know this!”

Our government could also be a major culprit in the growing childhood obesity problem by subsidizing foods containing corn, starches and sugar and not providing subsidies for healthy fruits and vegetables. “We live in a country where pizza is considered a vegetable,” she laughed.



“We’re also adding much more sugar to our foods than we did in the 1940s-60s,” she commented. “When you add this to the fact that kids are much less active, it’s a big problem.”

Large amounts of sugar can also be present in seemingly healthy foods like dried cranberries and ranch dressing. Kiefner-Burmeister refers to this as “hidden sugars,” and will work with area middle school students this spring to help them identify sugar-laden foods and lower their intake.

Parents, too, need to be more aware of what their children are eating. Last summer, Kiefner-Burmeister traveled to Italy and observed mealtime interactions between children and their parents. “Consistently, parents were on their cell phones while the kids were eating. Even kids as young as 18 months seemed to have learned not to interrupt when mom or dad was on the phone.”

Should the amount of sugar and other unhealthy ingredients be legislated?

“I’m not totally on either side of this argument,” she explained. “Still, we wouldn’t have seatbelts, helmets and car seats if the government hadn’t stepped in. I do believe in higher taxes on unhealthy items.”

A NEW FOCUS

In the past few years, the University of Findlay Psychology Program has taken on a new focus and has also expanded both quantitative and qualitative research opportunities for students. The department had had a strong emphasis on counseling, but hired three research psychologists between 2012 and 2014. There are now 15 student research assistants, actively involved with their professors’ research interests. This spring, some UF psychology students

will present their research studies in San Diego and Chicago, while Kiefner-Burmeister travels to Austin, Texas and San Diego, to deliver her own presentations.

Joining Kiefner-Burmeister as members of the researching psychology faculty are Andrea Mata, Ph.D., who also focuses on children and adolescents in her work on topics such as test anxiety and extracurricular activities, and Adam Larson, Ph.D., who has published research on visual fields and scene recognition.

Individuals interested in a psychology major or discussing Kiefner-Burmeister’s research projects, can contact her at kiefner-burmeister@findlay.edu, or 419-434-4523.

*Caracciolo, C., Feder, W., Tillman, C., Wansel, A. (2017). Scars to Your Beautiful recorded by Alessia Cara. On Know-It-All. Def-Jam-UMG. Released July 26, 2016.

ALLISON KIEFNER-BURMEISTER, PH.D. Assistant Professor of Psychology

Bowling Green State University
Ph.D. Developmental Psychology
M.A. Developmental Psychology

Eastern Kentucky University
B.S. Psychology, Magna Cum Laude

PERSONALIZING





We're sometimes struck by the dramatic injuries we see while watching the Olympics. Those are the ones that stick out in our minds; often career-ending and illustrating the "agony of defeat." Ed Nyman, Ph.D., UF assistant professor of Health and Human Performance, has worked with elite athletes on injury prevention, but he also develops tools and studies to benefit the entire population.

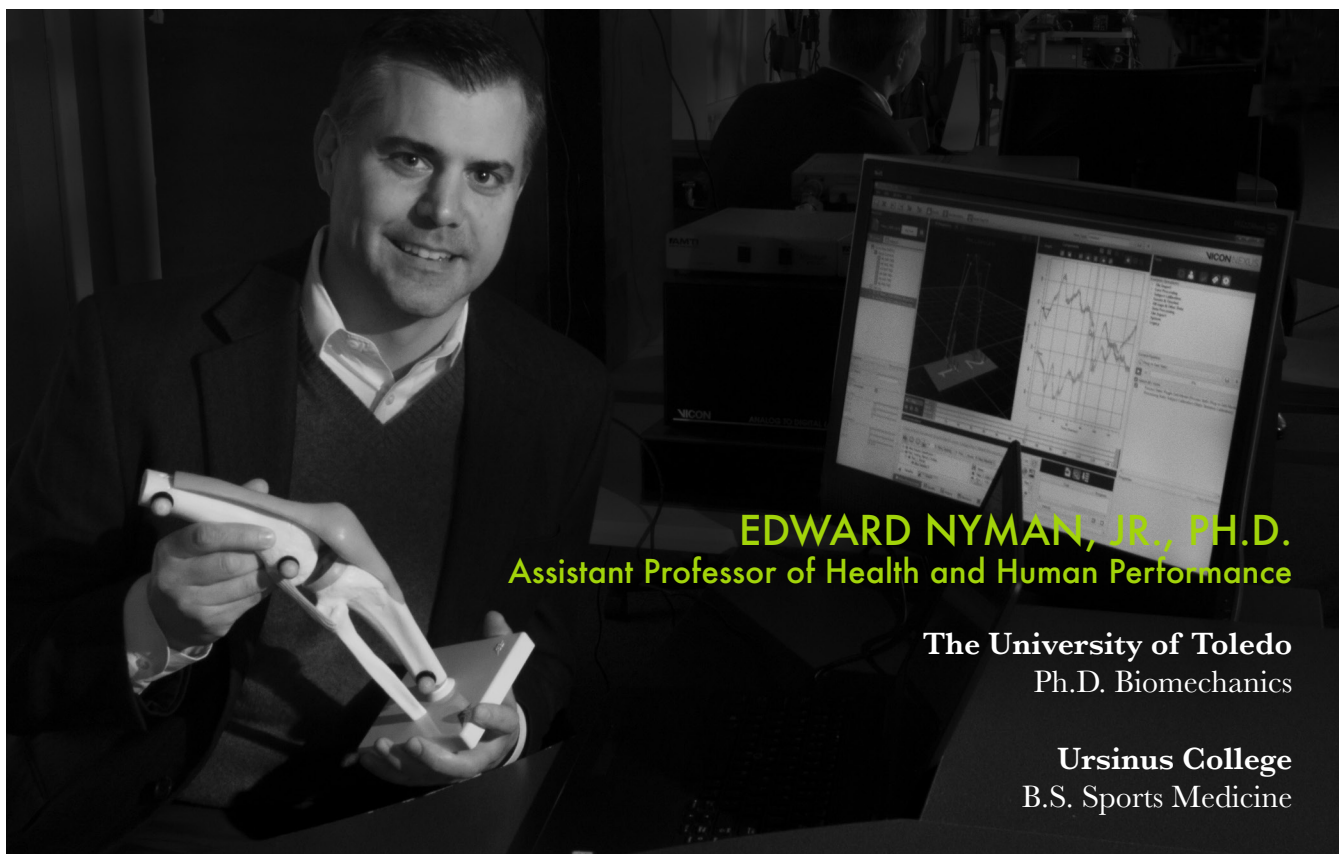
"I work to decrease Aunt Suzy's risk of falling, or Mr. Smith's gait, affected by Parkinson's Disease," said Nyman. "Musculoskeletal injuries are devastating to everyone, not just athletes."

MEDICINE

KEY TO INJURY-FREE FUTURE?

Nyman believes that personalized medicine ... prevention and treatment geared to the individual, may be the answer to reducing, if not eliminating, musculoskeletal injuries in athletes and the general population. Focusing largely on the lower extremities, he uses motion sensor cameras, advanced 3D computational modeling and other technology to record movement. This motion tracking technology approach provides accurate quantitative data on the physics behind why some people are more prone to injury than others.

"One day in the not-too-distant future, there will be a 3D printer in every hospital to customize implants, prosthetics, or orthotics for each individual patient," Nyman stated. "We'll even be able to create small medical devices in our homes."



FROM ATHLETIC TRAINING TO ACADEMIA TO THE FDA

Nyman's early career started as a coach at the University of Pittsburgh after graduating from Ursinus College, Collegeville, Pennsylvania, with a Bachelor of Science in Sports Medicine and Athletic Training. He re-located to Wauseon, Ohio, in 2002, and developed The Sports Performance Center, a division of New Heights Athletics. Here, he was able to immerse himself in creating injury prevention and sports specific training programs for individual athletes and high school and college teams. It's been non-stop ever since.

Nyman moved on to more challenging positions within the field of sports performance and rehabilitation. He served on the development team and as program director of a large physical therapy, orthopaedic surgery, and sports performance training facility called the Institute for Athletic Medicine, in Michigan. Later, he was responsible for high-end sports-performance, therapy step-down and wellness center operations for SportsCare Excel, a division of ProMedica Health System, Toledo,

Ohio. Drawn to the research side of sports performance and physical therapy, he was an integral part of a multidisciplinary team that developed hardware and software for a biotechnology firm that focused on the design and development of physical therapy and athletic performance devices.

Working as a graduate research assistant while pursuing his Ph.D. in Biomechanics at The University of Toledo (2009-2013), Nyman conducted human performance and rehabilitation studies for his own research as well as to support other research teams. His dissertation work on the use of low-cost clinically deployable ("Kinect-based" or "motion sensor") 3D tracking systems for improving musculoskeletal health has been published internationally. During this time, he also taught biomechanics laboratory sections, human anatomy, and other human performance courses.

EVALUATION, REVIEW AND CONSULTATION

Although we equate the Food & Drug Administration (FDA) with approval of medications, the organization is also responsible for testing and evaluating all medical implants and prostheses. In 2014, after earning his doctorate, Nyman received the ORISE Post-Doctoral Fellowship to work as a researcher in the Division of Biomedical Physics at the FDA headquarters in Silver Spring, Maryland. During the yearlong fellowship, he served as the primary laboratory researcher for a hip implant functional performance research project funded by the Office of Women's Health.

During his time at the FDA, Nyman was also a primary biomechanics technical reviewer of grant proposals submitted for upper extremity robotic neural prostheses through the U.S. government's Defense Advanced Research Projects Administration (DARPA) HAPTIX program. To this day, Nyman continues to act as a "network of experts" consultant to FDA organizations in the area of "Kinect-based" tracking devices.

He returned to Ohio in 2014, serving as a research assistant professor in the Department of Bioengineering (University of Toledo) and Orthopaedic Surgery (University of Toledo Medical Center), where he served as a research team leader for a multi-million dollar National Institute of Health (NIH) grant focusing on advanced musculoskeletal modeling of the risk of ACL injury, and successfully won separate grant funding for computational musculoskeletal modeling research from the National Science Foundation's Center for Disruptive Musculoskeletal Innovations.

Joining the University of Findlay in December 2015, as assistant professor in the Department of Health & Human Performance and Physical Therapy, Nyman "hit the ground running," teaching graduate and undergraduate courses in biomechanics, pathomechanics and research design. After quickly settling in at Findlay, Nyman saw a need to provide more undergraduate research opportunities for UF's "best

and brightest" and in May 2016 wrote and successfully earned UF Goal Getter grant funding for a "Summer Scholars" program. Summer Scholars will launch in the summer of 2017 and provide research stipends to six students across a number of disciplines.

NYMAN SAW A NEED TO PROVIDE MORE UNDERGRADUATE RESEARCH OPPORTUNITIES FOR UF'S "BEST AND BRIGHTEST"

"Findlay is a model University for this type of program," Nyman added. "It's large enough to have the faculty needed to mentor these students, yet small enough to allow easy interdisciplinary relationships between colleges and departments."

Nyman's excitement is obvious as he talks about expanding research opportunities for UF undergraduate students, not just in the sciences and health professions, but also in the humanities.

"The Summer Scholars program is a good start," he said. "It's great that the University of Findlay is funding student research. This will attract students who, otherwise, couldn't give up a summer job to pursue their academic interests."

Currently, Nyman is expanding multi-disciplinary research efforts at Findlay and in conjunction with other research institutions across the U.S., with an emphasis on low-cost advanced clinical measurement

and mitigation of injury risk. He provides technical consultation to numerous external organizations, pro-bono education on injury risk reduction to sporting governing bodies such as USA Gymnastics, and seeks to involve more undergraduate and graduate students in research that extends beyond the classroom.





THE CAT IN THE HAT Dr. Seuss

Dr. Seuss's **ABC**

Green Eggs and Ham Dr. Seuss

The FOOT BOOK Dr. Seuss

EARLY
BOOKS





SOME THINGS JUST CAN'T BE MEASURED

or can they?

College of Education professor researching a
better way to evaluate teachers

In a 2004 article in *Nursing Education Perspectives*, editor Joyce J. Fitzpatrick wrote, "Teaching is an art. Consequently, it should be judged as other art forms are – for the passion and beauty of the performance and the meaningfulness of the message conveyed." Jon Brasfield, Ph.D., UF assistant professor of education, is working on ways to measure teacher effectiveness that won't ignore the "passion and beauty" of a great teacher.

"In talking with hundreds of teachers, I've learned that they feel the state doesn't accurately capture what they do," said Brasfield. "They're evaluated by busy principals and on the basis of test scores and student achievement. It's not that those things aren't valuable, but they aren't the only measures of good teaching."

Joining the University of Findlay in 2015, Brasfield has that rare combination of being adept with numbers and having a

"I found as a counselor, I was doing more scheduling and auditing transcripts than actual counseling," Brasfield added. "I have always liked research, especially quantitative research, so I started working on my Ph.D., focusing on teacher effectiveness measures."

It was while pursuing his doctorate that Brasfield accepted a position as a STAR3 Grant Evaluation Specialist for Winston-Sa-

lem/Forsyth County Schools. Over a three-year period, he acted as the lead evaluator for a \$19 million teacher incentive grant. He collected and analyzed data from 16 program

schools and created teacher observation protocols. During this time, he discovered something significant about the teacher evaluation process.

"Teacher evaluation has been added to all of the other duties of a school principal," said Brasfield. "It's something that they just don't have time to do effectively."

"TEACHER EVALUATION HAS BEEN ADDED TO ALL OF THE OTHER DUTIES OF A SCHOOL PRINCIPAL. IT'S SOMETHING THAT THEY JUST DON'T HAVE TIME TO DO EFFECTIVELY."

keen understanding of and curiosity about people. He holds a Bachelor of Arts in Sociology/Anthropology from Centre College in Danville, Kentucky, and a Master of Arts in Counseling from Wake Forest University, Winston-Salem, North Carolina. He did a stint as a high school guidance counselor but a fascination with research drew him back to school.



When the Winston-Salem school group brought in unbiased, third party evaluators, the change was immediate. The evaluators were able to follow a protocol, but also had the time to observe the process of teaching itself.

When it comes to teaching, Brasfield knows the lay of the land. An instructor in Findlay's doctor of education (Ed.D.) program, he guides online students in their pursuit of a completed dissertation. Becoming known as the "go to" guy for quantitative research, he teaches classes in literature review, educational research and measurement, research design and statistical analysis.

Brasfield has co-authored an article for Teacher Education Yearbook XXV, with John Gillham, Ph.D., director of the doctor of education program, and Nicole Williams, Ph.D., assistant professor of education, and has teamed up for conference presentations on Ohio's teacher evaluations with Williams and Kathleen Crates, Ph.D.

Other presentation topics have included teachers' perceptions of administrators' abilities to evaluate teachers and the procedures and pitfalls in implementing a teacher observation program.

Students in the four-year-old Ed.D. Program select a dissertation chair and committee. Brasfield is chairing and serving on committees for several students who plan to complete their doctorates in 2017 or 2018. He admits that the prospect of conducting extensive quantitative research can be daunting to these students, many of whom are full-time teachers and are new to research methodologies.

Brasfield has also worked with Findlay City Schools where his son is in the 4th grade and wife, Amanda, is a school librarian. He helped guide the Strategic Planning Committee in 2014-15; has been a provider of professional development, and volunteers in the Gifted Student Enrichment Program.

"My wife and I are both working in education and our son is an elementary school student," Brasfield commented. "It just fuels my passion for educational research."

JON BRASFIELD, PH.D.

Assistant Professor of Education

University of North Carolina – Greensboro
Ph.D. Educational Research Methodology

Wake Forest University
M.A. Counseling

Centre College
B.A. Sociology/Anthropology





Garden



open

FRIENDLY, FLEXIBLE AND FRUGAL

resist

When you start up your computer, or grab your iPad for a few rounds of “Words with Friends,” you probably don’t think about fossil fuels and their impact on the environment. Nathan Tice does.

“Lots of people don’t know that we use oil for far more than making gasoline,” said Tice, UF assistant professor of chemistry. “There are petroleum-based products in plastics, polymers, resins and chemicals.” According to Tice, oil is a major component in many video screens and computer parts.

As an environmentally conscious individual, it’s only natural that Tice’s research interests include advanced electronics, alternative (or “green”) energy and high value fuels and chemicals for the biorefinery sector. Unlike oil refineries, biorefineries are plant-based and utilize trees, switchgrass, or other crops depending on where you’re located.

“Basically, the biorefinery takes plant-based carbon and converts it to fuels and chemicals,” added Tice.

Tice believes that there is a real need to diversify feedstocks (raw materials or fuel required for an industrial process), as an alternative to petroleum. While admitting that, at present, oil is cheap, he voiced concern about what will happen if oil prices rise significantly or if there is a supply shortage. In addition, he sees increasing difficulty and costs associated with fossil fuel exploration and capture. Resulting carbon dioxide emissions are also affecting climate change.

Altruism aside, Tice isn’t only interested in green energy because it’s good for the environment; it’s also cost effective.

“Diversifying feedstocks is commercially viable,” he maintained. “It’s part idealism and part practicality.”

A “FLEXIBLE” SOLUTION?

Traditional materials used in electronics, for example, are high cost, require “clean rooms” and are rigid. According to Tice, molecular electronics (based on organic and organometallic compounds) cost less to produce, can be created in a more practical environment, are flexible and can be added to solvents (inks). The unscientific among us can still appreciate that molecular electronics may someday soon make it possible to purchase paint for our houses that serves the same purpose as solar panels do today. These flexible properties could allow us to literally roll up our computers and stash them in purses or backpacks. There are already roof shingles that also act as solar cells (known as Building Integrated Photovoltaics).

Tice liked chemistry in high school because “it made sense out of the world.” He feels that if a student is inquisitive and always

NATHAN TICE, PH.D. Assistant Professor of Chemistry

University of Kentucky
Ph.D. Inorganic Chemistry

Anderson University
B.A. Chemistry



“Basically, the biorefinery takes plant-based carbon and converts it to fuels and chemicals”

wants to understand why something occurs, chemistry would be a good major.

“Almost every industry employs chemists,” he added. “Of course, there are more opportunities for those with an advanced degree. If you want to teach or manage a lab, you’ll need a doctorate.” He emphasized that UF has many students who minor in chemistry and go on to medical school or other pre-professional programs (e.g., dental school).

Tice introduces students to his research through the study of synthetic heterocycles after they have completed Organic Chemistry 2. He feels that the University has come a long way in offering research opportunities to students since his arrival on campus in 2014.

“We work a lot in the lab,” he said. “Research is really an expansion of the classroom.”

While in the past, chemistry and environmental sustainability may have seemed mutually exclusive, Tice is working to show that chemistry can have a major positive impact on renewable energy. He tries to incorporate sustainability practices into his personal life as well.

“Sustainability is more of a cultural and attitude change than embarking on big projects,” he added.





On the

A black and white photograph of a chest X-ray. The image shows the ribcage and lungs. Overlaid on the center of the X-ray is the word "RECORD" in large, bold, blue capital letters. The top of the image shows a pair of glasses, and the bottom shows a dark surface, possibly a desk or table.

RECORD

Does it matter that the patient's brother also has diabetes? What do the physician's notes from the patient's last checkup say about the latest drug prescribed? Digital record-keeping is now an essential part of health care, and University of Findlay pharmacy students are in lockstep with the latest technology, thanks to Laura Perry, Pharm.D., and Suzanne Surowiec, Pharm.D., both UF professors of pharmacy practice.

Referred to in the medical world as EHR (electronic health record) systems, pharmacy majors at UF learn from a program that mimics those used by many public providers. Perry and Surowiec create pseudo patients, plug the information into the system and teach students how to identify essential facts that pharmacists need in order to dispense medication, communicate with patients, and provide advice to physicians and health practitioners on drug types, dosages, interactions and side effects.

The University incorporated this learning into its College of Pharmacy in 2009, around the time that President Obama signed into law the American Recovery and Reinvestment Act, also known as the "stimulus bill," part of which set medical record-keeping policies and outlined improvement standards.

The Accreditation Council for Pharmacy Education now mandates that students learn how to manage patient health care needs through medication use systems, such as technology that's incorporated into EHRs, as part of pharmacy education, Perry said.

The technology UF uses "allows students to

touch and feel rather than learn it from the books," said Perry. Scrapping the traditional paper method, students are now provided with a digital patient case that includes essential and non-essential information to prioritize and assess. The pseudo cases include multiple patient encounters with health care workers, test results, lists of drugs taken and so on – a more comprehensive medical history that health care workers were ever privy to prior to electronic communication.

This records learning is part of the college's disease state module content in cardiology and endocrinology classes that teaches future pharmacists how to determine disease control measures, evaluate medication effectiveness and ensure medication safety for the various topics presented in patient cases.

"Initially it's overwhelming to them. They have to learn how to navigate the system and know what's important and what's not," Surowiec said. But the students, most coming from the tech generation, usually adjust accordingly, Perry maintained.

The assignment: examine data from the patient's most recent office visit or hospital admission. Sort through information such as lab work, diagnostic tests and doctors' progress notes,

"IN SOME CASES, A SPECIFIC LAB OR DIAGNOSTIC TEST THAT WAS PERFORMED TWO MONTHS AGO MAY BE RELEVANT, WHILE ANOTHER PERFORMED AT OR AROUND THE MOST CURRENT VISIT MAY NOT BE RELEVANT."



LAURA PERRY, PHARM.D.
Professor of Pharmacy Practice

Ohio Northern University
Doctor of Pharmacy

SUZANNE SUROWIEC, PHARM.D.
Professor of Pharmacy Practice

University of Findlay
Doctor of Pharmacy

then report the pertinent findings that are essential to writing a proper assessment and plan for the patient's most recent visit or encounter.

"In some cases, a specific lab or diagnostic test that was performed two months ago may be relevant, while another performed at or around the most current visit may not be relevant," said Perry.

Sometimes, the system works better than intended. A few students, while scrutinizing the cases assigned to them, have identified additional information that, in the real world, would be helpful to the patient and his or her team of health care providers.

For instance, one student this semester found that the patient's health insurance would not cover most of the cost of the anticoagulant being prescribed. Even though patient affordability issues weren't a part of the class's learning outcomes, the student's perceptiveness illustrates the benefits of the EHR system and the effectiveness of UF's pharmacy studies.

Becoming knowledgeable about digital record keeping better prepares students for their sixth year of rotations, Perry and Surowiec noted. It also makes them more aware of errors that are still bound to occasionally occur as people use the system.

2016-17 FACULTY PUBLICATIONS

COLLEGE OF BUSINESS

Alhaj-Yaseen, Y. (2016) "Market Liberalization and the Extent of Informed Trading: Evidence from China's Equity Markets." *Journal of Multinational Financial Management*. Nov. 2016.

Skrabec, Q. (2016) *Aluminum in America: A History*. McFarland. This book is part of series Skrabec is working on called "The Pantheon of American Capitalism" that includes industrial biographies and industry biographies to inspire students.

Song, J. (2016) "Stock Price Impact of Analysts' Opinion and Their Reputation: Evidence from Online Dissemination of Analysts' Opinion." *Journal of Finance Issue*. Fall 2016.

COLLEGE OF EDUCATION

Lee, C., **Abell, N.**, Shinaberger, J., Shinaberger, L., Cherner, T., and Restauri, S. (2016) eLearnReady [web-based online learning assessment tool]. Available at <http://elearnready.com/>.

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COLLEGE OF LIBERAL ARTS

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COLLEGE OF PHARMACY

Guy, J. (2017) "The Role of the Pharmacist in Today's Healthcare System." *AACP Newsletter*. pp. 10-11.

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COLLEGE OF SCIENCES

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López-Moreno, A., **Rheubert, J.**, Pérez-Almazán, C., Granados-González, G., Hernández-Hernández, L., and Hernández-Gallegos, O. (2016) "Female Reproductive Cycle and Clutch Size of *Aspidoscelis Costata Costata* (Squamata: Teiidae) from Tonalico, Estado de México." *Revista Mexicana de Biodiversidad*. 87: pp. 1336-1341.

Rheubert, J., Khan, A., Vollmer, E., Helman, A., Trauth, S., and Gribbins, K. In Press. "Ultrastructural Analysis of the Mature Spermatozoon in the Copperhead, *Agkistrodon Contortrix*." *Zoomorphology*.

Rheubert, J., Messak, J., Siegel, D., Gribbins, K., Trauth, S., and Sever, D. In Press. "Inter- and Intra-Specific Variation in Sperm Morphology of *Sceloporus Consobrinus* and *Sceloporus Undulatus* (Squamata: Phrynosomatidae)." *Biological Journal of the Linnean Society*.

Snyder, C., **Tice, N.**, and Mazzotta, M. (2017) "The Synthesis and Characterization of Some Group VII Bromo-Substituted Furyl Complexes." *Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry*. 47, pp. 973-977.

Marion, J. and **Murphy, T.** (2016) "A Fork in the Road for Environmental Health Workforce Development and U. S. Public Health." *Journal of Environmental Health*. Volume 79, 2, Sept. 2016.

Fletcher, M., Aighewii, I., and **Murphy, T.** (2016) "The Value and Benefits of an Environmental Health Bachelor's Degree Accredited by the National Environmental Health Science and Protection Accreditation Council (EHAC) for Community College Transfer Students." *Pedagogy In Health Promotion: The Scholarship of Teaching and Learning*. SOPHE. Spring 2016.

2016-17 FACULTY PRESENTATIONS

COLLEGE OF BUSINESS

Alhaj-Yassen, Y., and Ladd, D. “An Examination of Herding Tendency Among ADRS.” Presented at 2017 Academy of Finance Conference. Chicago, IL. March 2017.

Alhaj-Yaseen, Y., and Yau, S. “Herding Tendency Among Heterogeneous Investors in China’s Equity Markets.” Presented at 2017 Academy of Finance Conference. Chicago, IL. March 2017.

Cripps, J. and Oedekoven, O. “Partnering Business for Student Success: Online Lessons Learned.” Presented at Peregrine Academic Services, European Accounting Association Annual Meeting, Maastricht, Netherlands. May 2016.

Cripps, J. “Border Agency for Security in Europe.” Presented at the 11th Annual Conference on European Integration. Skopje, Macedonia. May 2016.

El-Zayaty, A. “Fostering Corporate Social Responsibility Through Socially Responsible Investment.” Presented at MBAA Conference, Chicago, IL. March 2017.

Freehafer, S. “LinkedIn Basics.” Presented at Accreditation Council for Business Schools and Programs (ACBSP) National Conference. Atlanta, GA. June 2016.

Ghose, N. “Innovations in Teaching International Marketing: A Macro, Strategic, Emotive Approach.” Presented at Marketing Management Association Fall Educators’ Conference. Providence, RI. Sept. 2016.

Ghose, N. “Preparing Students for Career Success: Launching Graduates with Professional Marketing Plan.” Presented at Accreditation Council for Business Schools and Programs (ACBSP) Great Lakes Council (Region 4) Conference. Racine, WI. Oct. 2016.

Perez-Gamboa, J. “Reading Strategies in the Spanish Classroom: Materials and Practice.” Presented at the Ohio Foreign Language Association (OFLA) Conference. Columbus, OH. March 2017.

Ward, C., Stoller, E. and Yates, D. “Choosing the Right Tools for the Job: Educators Providing Good Options.” Presented at MBAA International Conference. Chicago, IL. March 2017.

Yates, D. and Ward, C. “From Financial Illiteracy to Literacy: Creating a Toolkit for Financial Freedom.” Presented at MBAA International Conference. Chicago, IL. March 2017.

Song, J. “Stock Price Reaction to Brokers’ Recommendation Updates and Their Quality.” Presented at Southwestern Finance Association’s Annual Conference. Little Rock, AR. March 2017.

COLLEGE OF EDUCATION

Baer, A. and Munger, M. “Advocating for Literacy in Higher Education Content Classes.” Presented at the National Council of Teachers of English (NCTE) Conference. Atlanta, GA. Nov. 2016.

Baer, A. and Wilson, P. “College Developmental Reading Courses: A Necessary Journey from Responding to Literature to Comprehending Informational Texts.” Presented at the Association of Literacy Researchers and Educators (ALER) Conference, Myrtle Beach, FL. Nov. 2016.

Baer, A. “Beyond Tolerance: Affecting Change through Children’s Picture Books.” Presented at Mazza Museum Summer Conference. Findlay, OH. July 2016.

Baer, A. and Hida, A. “Konnichiwa! A Snapshot of Japanese Culture through the Pages of Children’s Picture Books.” Presented at Mazza Museum Summer Conference. Findlay, OH. July 2016.

Baer, A. and Munger, M. “Assigned Reading: Supporting Student Success.” Presentation for the Teaching Partners Program. Findlay, OH. Sept. 2016.

Brasfield, J., Gillham, J., and Williams, N. “Research-Based Best Practices in the Development of Quality Online Doctorate Courses: An Interactive Workshop.” Presented at the 2016 Mid-Western Educational Researchers Conference. Chicago, IL. Oct. 2016.

Brasfield, A. and Brasfield, J. “Making the Most of Teacher/Librarian Collaboration.” Presented at the Association of Teacher Educators Annual Meeting. Orlando, FL. Feb. 2017.

Brasfield, J. “An Analysis of Teacher Pay Alignment with Teacher Effectiveness Measures.” Presented at the Midwestern Educational Research Association. Evanston, IL. Oct. 2016.

Cindric, J. “Using Interpersonal Styles to Sustain an Inviting Stance in Times of Problem Solving and Decision Making.” Session Facilitator at the International Alliance for Invitational Education 34th Annual World Conference. Lexington, KY. Nov. 2016.

Gillham, J., Williams, N., and Brasfield, J. “New Teacher Perceptions: Impact of an Induction Program on Teaching Standards.” Presented at the Association of Teacher Educators Annual Meeting. Orlando, FL. Feb. 2017.

Gillham, J., Williams, N., and Brasfield, J. “Educators in Innovative Spaces: Lessons Learned in the First Three Years of an Online Doctoral Program.” Presented at the 2016 Summer Conference of Association for Teacher Educators. Louisville, KY. July 2016.

McIntosh, J., Petitto, K., Horton, M., and Widdall, C. “Using Taskstream to Prepare for Accreditation.” Panel Discussion at the Council for the Accreditation of Educator Preparation National Conference. Washington, DC. Sept. 2016.

McIntosh, J. “The Inviting School Award for Teacher Preparation Programs.” Presented at the International Alliance for Invitational Education World Conference. Lexington, KY. Nov. 2016.

Munger, M. and Baer, A. “Recognizing the Need for Literacy Support in Higher Education.” Presented at the Ohio Council of Teachers of Language Arts. Columbus, OH. Feb. 2017.

Munger, M. “Dyslexia Basics.” Presented at the International Dyslexia Association Northern Ohio Branch. Cleveland, OH. Nov. 2016.

Munger, M. and Munger, M. “Parent Perspective and Student Voice for Students with Disabilities.” Presented at the North Olmstead City Schools, North Olmstead, OH. March 2017.

Munger, M. “Flipped Classrooms and Flipped Out Professors: Using Entrance Slips to Increase Accountability.” Presentation for the Center for Teaching Excellence Brown Bag Lunch Series, Findlay, OH. Oct. 2016.

Munger, M. “Assessment Literacy.” Presentation for Fostoria City Schools. Fostoria, OH. Oct. 2016.

Munger, M. and Munger, D. “From Kindergarten Through College: Navigating the System with Dyslexia.” Presented at the Northern Ohio Branch of the International Dyslexia Association Open Board Meeting. Cleveland, OH. May 2016.

Williams, N. “Research-Based Best Practices in the Design of Online Course in Teacher Preparation Programs.” Presented at the 2016 Summer Association for Teacher Educators Conference, Louisville, KY. July 2016.

Williams, N., Brasfield, J., and Crates, K. “Confidence, Interaction, and Impact: A Three-Year Statewide Study of the Ohio Teacher Evaluation System.” Presented at the American Educational Research Association Annual Meeting, San Antonio, TX. April 2017.

COLLEGE OF HEALTH PROFESSIONS

Mattise, W., Hoffman, M., **Bellavia, L.**, and **Nyman, Jr., E.** “Effects of Shoe Cushioning on Ground Reaction Forces and Knee Flexion Angles in Running.” Presented at The University of Findlay Symposium for Scholarship and Creativity. Findlay, OH. April 2017.

Buddelmeyer, L. “Paving the Way in Palliative Care for the Alzheimer’s Community.” Presented at The American Occupational Therapy Association Annual Conference. Philadelphia, PA. March 2017.

Best, A. and **Buddelmeyer, L.** “Collaboration Elaboration: Student Engagement without Borders.” Presented at Excel at Teaching 2017: Empowering Student Learners. The University of Findlay. Findlay, OH. March 2017.

Buddelmeyer, L. “Providing Skilled Care for the Alzheimer’s Community.” Presented at Blanchard Valley Hospital Health Foundation Board Meeting. Findlay, OH. Feb. 2017.

Buddelmeyer, L. “Implementing Evidence for the AD Community.” Presented at Blanchard Valley Hospital Health Care Board Meeting. Findlay, OH. Dec. 2016.

Jaegers, L., Muñoz, J., Rogers, S., **Dillon, M.**, Ballentine, C., Catalano, A., Martin, L. and Barney, K. “Occupational Therapy in Criminal Justice Settings: Developing and Implementing Occupation-Based Programs.” Presented at the American Occupational Therapy Association Annual Conference. Philadelphia, PA. April 2017.

Lammers, J. and **Elchert, L.** “Diagnosis Specific Implementation of Fitness Goals by Pediatric Physical Therapists.” Presented at American Physical Therapy Association (APTA) Combined Sections Meeting. San Antonio, TX. Feb. 2017.

Lammers, J. and **Elchert, L.** “Pediatric Physical Therapists Knowledge and Implementation of Fitness, Wellness and Health Promotion Behaviors.” Presented at the American Physical Therapy Association NEXT Conference. Nashville, TN. June 2016.

George, D., Allen, V., Silone, S., Slomski, K., Summerhill, E., and Williams, N. “Health and Wellness Practices in the School System.” Poster Presentation at the American Physical Therapy Association (APTA) Combined Sections Conference. San Antonio, TX. Feb. 2017.

George, D. and Sakemiller, L. “An Interdisciplinary Learning Experience: Home Adaptive Equipment Activity.” Presented at the Teaching Symposium, The University of Findlay. Findlay, OH. March 2017.

Gray, K., Lofton, B., Long, A., Brockhoff, K., Smith, D., Bauman, B., **George, D.**, **Nyman, Jr., E.**, **Koehler, B.**, and **Stump, M.** Presented at The University of Findlay Doctorate of Physical Therapy Program Annual Research Forum. Findlay, OH. Feb. 2017.

Bennett, M., Courey, S., Hughes, Z., Moore, S., Sumerak, J., Weir, S., Wright, C.M., **George, D.**, **Koehler, B.**, and **Nyman, Jr., E.** “Comparison of Gait Mechanics, Degree of Community Ambulation, and Quality of Life Between Microprocessor Knee and Non-Microprocessor Knee Mechanisms of a Transfemoral Prosthesis.” Presented at The University of Findlay Doctorate of Physical Therapy Program Annual Research Forum. Findlay, OH. Feb. 2017.

Gross L.J. “Making the Most of Your PET/CT Department.” Presented at the Central Chapter of Society of Nuclear Medicine and Molecular Imaging’s Roadshow. Mercy St. Charles Hospital. Oregon, OH. Sept. 2016.

Gross L.J. “Thyroid Dosimetry: The Practical Approach.” Presented at Southeastern Michigan Associates and Technical Affiliates. Henry Ford Health System. Detroit, MI. March 2017.

Griffiths, T., **Dillon, T.**, and **Tippie, M.** “Developing, Implementing and Evaluating an Occupational Therapy Program in a County Jail and Probation System: A Collaborative Venture.” 90-minute short course given at the Ohio Occupational Therapy Association 2016 Conference. Perrysburg, OH. Oct. 2016.

Griffiths, T., **Dillon, M.**, **Dillon, T.**, and **Tippie, M.** “Using the Kawa Model to Advance Community Occupational Therapy Service Delivery: Influencing the Recovery for Individuals with Substance Abuse.” Presented at the American Occupational Therapy Association National Conference. Philadelphia, PA. April 2017.

Griffiths, T., **Dillon, M.**, **Dillon, T.**, and **Meredith, H.** “Establishing and Understanding the Benefits and Value of Completing Level II Fieldwork in Nontraditional Settings: Practitioner Perceptions.” Presented at the American Occupational Therapy Association National Conference. Philadelphia, PA. April 2017.

Hertenstein, E. “Alphabet Soup – Advanced Certifications for the Nuclear Medicine Technologist.” Presented at Southeastern Michigan Associates and Technical Affiliates. Detroit, MI. March 2017.

Hertenstein, E. “Creating the Dual-Modality Technologist: Combining NM and CT Together.” Presented at Central Chapter of the Society of Nuclear Medicine and Molecular Imaging’s Roadshow. Sept. 2016.

Gray, K., Lofton, B., Long, A., Brockhoff, K., Smith, D., Bauman, B., Ingerly, W., George, D., Stump, M., **Koehler, B.**, and **Nyman, Jr., E.** “Does Level of Running Shoe Cushioning Impact Lower Extremity Time to Peak Muscle Activation in Recreational Runners?” Presented at The University of Findlay Doctorate of Physical Therapy Program Annual Research Forum. Findlay, OH. Feb. 2017.

Summers, R., Goel, V., Gupta, A., and **Nyman, Jr., E.** “Development of a Computational “Worst Case” Device Performance Tool for Use in Evaluating Orthopaedic Implant Device Design Envelopes: ACL Graft Pilot.” Presented at Center for Disruptive Musculoskeletal Innovations (CDMI) Conference. University of Toledo. Toledo, OH. April 2017.

Nyman, Jr., E., Ingels, M., Amerinatanzi, A., Summers, R., Hewett, T. and Goel, V. “Effect of Menisci Presence on Anterior Cruciate Ligament Stress and Strain in a Finite Element Model.” Presented at American College of Sports Medicine (ACSM) Annual Meeting. Boston, MA. May 2016.

Ingels, M., Amerinatanzi, A., Summers, R., Hewett, T., Goel, V., and **Nyman, Jr., E.** “Finite Element Evaluation of the Effect of Medial and Lateral Tibial Slope on Anterior Cruciate Ligament Strain.” Presented at American College of Sports Medicine (ACSM) Annual Meeting. Boston, MA. May 2016.

Summers, R., Amerinatanzi, A., Hewett, T., **Nyman, Jr., E.**, and Goel, V. “Novel Measurement of Multi-Planar Proximal Tibial Slope.” Presented at American College of Sports Medicine (ACSM) Annual Meeting. Boston, MA. May 2016.

Nyman, Jr., E. “Land Smarter: Prevention of Knee Injury in Women’s Gymnastics.” Presented at Region 5 USA Gymnastics Conference. Grand Rapids, MI. Sept. 2016.

Summers, R., Goel, V., Gupta, A., and **Nyman, Jr., E.** “Development of a Computational “Worst Case” Device Performance Tool for Use in Evaluating Orthopaedic Implant Device Design Envelopes: ACL Graft Pilot.” Presented at Center for Disruptive Musculoskeletal Innovations (CDMI) Fall Conference. University of California – San Francisco. San Francisco, CA. Oct. 2016.

Lacey, K., Homan, J., Burnard, A., and **Nyman, Jr., E.** “The Effects of Spating Compared to Traditional Taping on Ankle ROM, Vertical Jump, and Agility in NCAA Division II Football Athletes.” Presented at The University of Findlay Symposium for Scholarship and Creativity. Findlay, OH. April 2017.

Rassman, G., Newman, Z., **Nyman, Jr., E.**, and **Yu, G.** “Effect of Shoe Type on Center of Pressure During Squatting Exercise.” Presented at The University of Findlay Symposium for Scholarship and Creativity. Findlay, OH. April 2017.

Griffith, T., Luginbuhl, D., **Nyman, Jr., E.**, and **Yu, G.** “Effects of Squat Technique on Frontal Plane Torque at the Hip and Knee.” Presented at The University of Findlay Symposium for Scholarship and Creativity. Findlay, OH. April 2017.

Vanscoy, W., Queen, R., **Nyman, Jr., E.**, and **Yu, G.** “Predictive Factors for Gait with Plantar Surface Injury Using Kinetic Variables.” Presented at The University of Findlay Symposium for Scholarship and Creativity. Findlay, OH. April 2017.

Martinez, X., Adams, J., **Nyman, Jr., E.**, and **Bellavia, L.** “The Correlation between Cadence and Leg Length.” Presented at The University of Findlay Symposium for Scholarship and Creativity. Findlay, OH. April 2017.

Borer, K., Edwards, S., Etgen, K., Laudick, J., Pester, K., **O’Brien, J.**, **Walsh, S.**, and **Nyman, Jr., E.** “Changes in Gait Kinematics with LSVT BIG Treatment Intervention on Individuals with Parkinson’s Disease.” Presented at The University of Findlay Doctorate of Physical Therapy Program Annual Research Forum. Findlay, OH. Feb. 2017.

Oehler, C. and **Tippie, M.** “Sensory Modulation and Trauma Informed Care Approaches; A New Look at Adult Interventions.” 90-minute short course presented to the Ohio Occupational Therapy Association 2016 Conference. Perrysburg, OH. Oct. 2016.

Figuerola, J. and **Tippie, M.** “Occupational Therapy, Building Skills for a Success Story: A Survivors Journey.” 90-minute short course. Presented to The Ohio Occupational Therapy Association 2016 Conference. Perrysburg, OH. Oct. 2016.

Baker, A., Cole, K., Donaldson, S., Sayre, J., **Walsh, S.**, **O’Brien, J.**, and **Nyman, Jr., E.** “The Effects of LSVT BIG on Muscle Activation in Patients with Parkinson’s Disease.” Presented at The University of Findlay Doctor of Physical Therapy Program Annual Research Forum. Feb. 2017.

LaLuzerne, D., Adams, K., Alfareh, J., Vo, K., **Weaver, J.**, and **Nyman, Jr., E.** “Patient Muscle Activation Using Manual Versus Safe Patient Handling Lift for Sit to Stand Transfer.” Presented at The University of Findlay Doctorate of Physical Therapy Program Annual Research Forum. Findlay, OH. Feb. 2017.

COLLEGE OF LIBERAL ARTS

Angulo-Valera, A. and **Perez-Gamboa, J.** “Listening Strategies in the Spanish Classroom: Materials and Practice.” Presented at the American Association of Teachers of Spanish and Portuguese (AATSP) Conference. Miami, FL. July 2016.

Chwialkowski, P. “Privacy Rights for the 21st Century.” Wilkin Chair Lecture. The University of Findlay, Findlay, OH. Sept. 2016.

Denecker, C. “When the Right Hand Knows What the Left is Doing: What the Composition Field Can Learn from Concurrent Enrollment Partnerships.” Presented at the Conference on College Composition and Communication. Portland, OR. March 2017.

Fennema-Bloom, J. “Teaching Changes Lives: Motivating Students to Success.” Presented keynote address at Imam Abdulrahman Alfaisal University. Dammam, Saudi Arabia. Feb. 2017.

Graves, S. “A Christian Ethic for Sport: What’s the Trinity Got to Do With It?” Evangelical Philosophical Society 14th Annual Apologetic Conference. San Antonio, TX. Nov. 2016.

Graves, S. “Love Your Opponent as Yourself: A Christian Ethic for Sport.” Presented at the Midwest Regional Meeting of the Evangelical Philosophical Society. Wheaton College. Wheaton, IL. March 2017.

Murphy, C., Schroeder, M., Ludinich, S., Lawrence, M., and **Kiefner-Burmeister, A.** “Psychosocial Health in College Students: Influence of Gender and Weight Status.” Poster presented at the Midwestern Psychological Association Annual Meeting. Chicago, IL. May 2016.

Schroeder, M., Murphy, C., Lawrence, M., Ludinich, S., and **Kiefner-Burmeister, A.** “Deceptively Unhealthy Foods Poster.” Poster presented at the Midwestern Psychological Association Annual Meeting. Chicago, IL. May 2016.

Laverick, E. “Creating Learning Communities to Improve Student Learning and Improve Retention.” Presented at EnglishUSA Professional Development Conference. Monterey, CA. Jan. 2017.

Laverick, E. “Moving Students into the Zone.” Presented at National Council of Teachers of English. Atlanta, GA. Nov. 2016

Laverick, E. “Using Learning Communities to help International Students Find Success.” Presented at Ohio TESOL Conference. Columbus, OH. Oct. 2016.

Stump, C., and **Mata, A.** “The Comorbid Effect of Autism Spectrum Disorder with Disruptive Disorders on Externalizing Behavior Problems.” Poster presented at the Midwestern Psychological Association Annual Meeting. Chicago, IL. May 2016.

Pohlman, K., **Mata, A.**, and Van Dulmen, M. “Dyadic Approach to Attachment Styles and Conflict Resolution Within Romantic Relationships.” Poster presented at the Midwestern Psychological Association Annual Meeting. Chicago, IL. May 2016.

Frantz, E., and **Mata, A.** “Cross-Sectional and Longitudinal Effects of Sociometric Status on Loneliness, Self-Harm, and Suicidal Ideation.” Poster presented at the Midwestern Psychological Association Annual Meeting. Chicago, IL. May 2016.

Bettac, E., and **Mata, A.** “Grit and Resiliency: The Next Tomato, Tomahto?” Poster presented at the Midwestern Psychological Association Annual Meeting. Chicago, IL. May 2016.

Medjesky, C. “Recreating Collective Memory via the WWE Corporate Documentary.” Presented at Central States Communication Association Annual Convention. Minneapolis, MN. March 2017.

Medjesky, C. “Kenneth Burke and the MoMA.” Presented at Central States Communication Association Annual Convention. Minneapolis, MN. March 2017.

Meier, M. and **Medjesky, C.** “That’s What She Said: Joke Cycles as Symbolic Rapists.” Presented at the National Communication Association Annual Convention. Philadelphia, PA. Nov. 2016.

Reed, M. “Surmounting Language Barriers with ELLs.” Ohio TESOL Regional Workshop. Aug. 2016.

Stulman, L. “Jeremiah was a Bullfrog.” Presented at The University of Findlay’s Fourth Annual Winter College. Naples, FL. March 2017.

Stulman, L. “My Father was a Syrian Refugee.” Presented at Winebrenner Theological Seminary. Findlay, OH. Sept. 2016.

Tulley, C. “Effective Networked Publishing in Rhetoric and Writing.” Keynote address at Bowling Green State University’s Rhetoric Society of America Chapter. Bowling Green, OH. April 2017.

COLLEGE OF PHARMACY

Berlekamp, D. (2016) "Legal Considerations for Medical Marijuana in Ohio." HB 523 Update. *Ohio Pharmacist Magazine*. Nov. 2016.

Burkart, T. "Student-Perceived Impact of Pharmacy Internships on Academic and Clinical Performance." Presented at the American Journal of Pharmaceutical Education. Anaheim, CA. July 2016.

Burkart, T. "Medications and Medication Safety in Dementia." Presented at the Alzheimer's Association Southeast Michigan and Northwest Ohio Annual Conference. Perrysburg, OH. March 2017.

Hvizdos, A. "New Drugs for the Treatment of Depressive and Bipolar Disorders." Amerisource Bergen Thoughtspot Conference. Las Vegas, NV. July 2016.

Milks, M., Schneider, R., Shinn, B., Earle, S., Ternullo, S., Khupse, K., Ernsthansen, L., Malone, P., and Parker, D. "Rescue, Remediation, and Retention: 3 R's of Pharmacy Student Success." Presented at the American Association of Colleges of Pharmacy Annual Meeting. Anaheim, CA. July 2016.

Lewis, S. "Telavancin Pharmacokinetics in Patients with Chronic Kidney Disease Receiving Hemodialysis." Presented at the American College of Clinical Pharmacology 2016 Annual Meeting. Bethesda, MD. Sept. 2016.

Lewis, S. "Contemporary Vancomycin Dosing in Chronic Hemodialysis (HD) Patients Does Not Meet AUC Targets: Development of a New Dosing Model Using Monte Carlo Simulation (MCS)." Presented at the IDWeek 2016. New Orleans, LA. Oct. 2016.

Lewis, S. "Ceftolozane/Tazobactam Clearance During In Vitro Continuous Renal Replacement Therapy (CRRT)." Presented at the IDWeek 2016. New Orleans, LA. Oct. 2016.

Malone, P. "Innovations in Drug Information Practice and Research." Program moderator for invited platform presentations at the American Society of Health-System Pharmacists Midyear Clinical Meeting. Las Vegas, NV. Dec. 2016.

Mosler, C. "Treatment of Malaria." CE Presentation at the Global Missions Health Conference. Louisville, KY. Nov. 2016.

Mosler, C. "The Zika Virus." CE Presentation at the Global Missions Health Conference. Louisville, KY. Nov. 2016.

Mosler, C. "The Zika Virus: An Update for Pharmacists." CE Presentation at the Ohio Pharmacists Association Mid-year Meeting. Hilliard, OH. Nov. 2016.

Mosler, C. "Alzheimer's Disease: An Overview and Update." CE presentation at the AmerisourceBergen/Good Neighbor Pharmacy ThoughtSpot 2016. Las Vegas, NV. July 2016.

Mosler, C. "MTM in Geriatrics with Cardiovascular Disease and Diabetes." CE presentation at the AmerisourceBergen/Good Neighbor Pharmacy ThoughtSpot 2016. Las Vegas, NV. July 2016.

Vicarel, L. Dotson, S. and **Parker, D.** "Impact of Pharmacist Intervention on Primary Care 10 Measures." Presented at the American Society of Health-Systems Pharmacists Mid-year Meeting. Las Vegas, NV. Dec. 2016.

Parker, D. and Ash, T. American Pharmacists Association's Patient-Centered Diabetes Care. Mercy Hospital System. Cincinnati, OH. July 2016.

Buchfellner, M., O'Connell, K., Mittal, R., Travis, B., and **Rao, P.S.** "Structure-Activity Relationships Of Phosphocholine Esters For Anticancer Activity" Presentation at The University of Findlay Symposium for Scholarship and Creativity. Findlay, OH. April 2107.

Reardon, G., Maticic, B., Kapolis, K., and **Sekar, M.** "Association Between Benzodiazepine Use and Trauma in Older Patients: Findings from the Medical Expenditure Panel Survey." Ohio Public Health Combined Conference. Columbus, OH. May 2016.

Reardon, G., and **Yu, G.** "Flipping the Classroom in Highly-Structured College Programs: Two Approaches to a Common Problem of Student Readiness." The 7th Annual Scholarship of Teaching and Learning (SoTL) Academy, Findlay, OH. May 2016.

Reardon, G., Maticic, B., Kapolis, K., and **Sekar, M.** "Association Between Benzodiazepine Use and Trauma in Older Patients: Findings from the Medical Expenditure Panel Survey." American Association of Colleges of Pharmacy Annual Meeting, Pharmacy Education. Anaheim, CA. July 2016.

Reardon, G., Jhund, P., McMurray, J., Calado, F., Haroun, R., Schlienger, R., and Petrie, M. "High Risk of Morbidity and Mortality in Patients with Heart Failure and Under Treatment with Evidence-Based Therapies in the UK." Poster presentation at the European Society of Cardiology Congress. Rome, Italy. Aug. 2016.

Reardon, G. "Recognizing and Guiding the Individual Student: Application of Flipped Learning in Pharmacy Education." Roundtable topic presented at the American Association of College of Pharmacy Annual Meeting, Pharmacy Education. Anaheim, CA. July 2016.

Schneider, R. "New Drug Update 2016." Pharmacy Continuing Education Presented at ThoughtSpot 2016. Las Vegas, NV. July 2016.

Schneider, R. "Alternative Careers in Academia: The Role of Faculty in a Predominantly Undergraduate Teaching Institution." Presented at Grad Pad Professional Development Seminar Series. The Ohio State University, College of Pharmacy. Columbus, OH.

Faler, A., Stang, C., Khupse, R., and **Schneider, R.** "Screening of a Small Flavonoid Library for Anti-Cancer Activity Against Glioblastoma." Poster presentation at Experimental Biology 2017. Chicago, IL. April 2017.

Stang, C., Adams, B., Faler, A., Schuler, B., Eichel, A., Dick, M., Orahoud, C., Whited, T., **Rao, P.,** Dudley, R., Khupse, R., and **Schneider, R.** "Induction of Apoptosis and Generation of Reactive Oxygen Species by Novel Chalcone Derivatives." Poster presentation at Experimental Biology 2017. Chicago, IL. April 2017.

Stang, C., Adams, B., Faler, A., Schuler, B., Kinder, D., Sabol, P., Carlston, L., and **Schneider, R.** "Modulation of Autophagy Proteins in Response to a Compound Designed as a Sigma-2 Receptor Agonist Derived From Tamoxifen." Poster presentation at Experimental Biology 2017. Chicago, IL. April 2017.

Faler, A., Stang, C., Khupse, R., and **Schneider, R.** "Screening of a Small Flavonoid Library for Anti-Cancer Activity Against Glioblastoma." Poster presentation at The University of Findlay Symposium for Scholarship and Creativity. Findlay, OH. April 2017.

Stang, C., Adams, B., Faler, A., Schuler, B., Eichel, A., Dick, M., Orahoud, C., Whited, T., Rao, P., Dudley, R., Khupse, R., and **Schneider, R.** "Induction of Apoptosis and Generation of Reactive Oxygen Species by Novel Chalcone Derivatives." Poster presentation at The University of Findlay Symposium for Scholarship and Creativity. Findlay, OH. April 2017.

Stang, C., Adams, B., Faler, A., Schuler, B., Kinder, D., Sabol, P., Carlston, L., and **Schneider, R.** "Modulation of Autophagy Proteins in Response to a Compound Designed as a Sigma-2 Receptor Agonist Derived From Tamoxifen." Poster presentation at The University of Findlay Symposium for Scholarship and Creativity. Findlay, OH. April 2017.

Pal, M., Bandari, S., **Sekar, M.C.** and Gier, S. "Awareness and Impact of International Normalized Ratio Monitoring in Ongoing Anticoagulation Therapy in Cardiac Patients." Presented at 21st Annual International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Meeting, Washington D.C. May 2016.

Sekar, M.C. "Cost and Benefit of Appropriate Proton Pump Inhibitor Use." Presented at 1st International Conference on Health Economics and Outcome Research, Manipal University, Dec. 2016.

Sekar, M.C. "Economics of Pharmacist Collaboration to Improve Health Outcomes." Presented at Satellite Meeting of 68th Indian Pharmacy Congress, Vishakhapatnam, India, Dec. 2016.

Sekar, M.C. "Role of Pharmacist in U.S. Health Care System in 2016." Presented at 68th Indian Pharmacy Congress, Vishakhapatnam, India, Dec. 2016.

Sekar, M.C. "Global Perspective in the Pharmacy Curriculum with an Advanced Pharmacy Practice Rotation in India." Presented at the American Pharmacist Association's Annual Meeting, San Francisco, CA, March 2017.

Potter, J., Willeke, S., and **Shinn, B.W.** "Outcome Assessment of a Basbolus Insulin Protocol to Prevent Hyperglycemia in Hospitalized Patients." Presented at the Pharmacy Quality Alliance (PQA) Annual Meeting & Innovation Forum, Arlington, VA, May 2016.

Gallooly, C. and **Shinn, B.W.** "A Systematic Review of Antibiotic Usage in a Community Hospital." Poster presented at the Annual Meeting of the Ohio Pharmacists Association, April 2017.

Poulton S, Foti T, and **Shinn B.W.** "Effect of Pharmacy Counseling on the Total Patient Experience." Presented at the 51st Annual ASHP Mid-Year Clinical Meeting, Las Vegas, NV, Dec. 2016.

Vaglenov, A. "Genotoxic Potential of Omeprazole on Human Peripheral Lymphocytes, Environmental Molecular Mutagenesis." 55(S1), (P7), p 41. Poster in Orlando, FL.

COLLEGE OF SCIENCES

Mattise, W., Hoffman, M., **Bellavia, L.**, and **Nyman, Jr., E.** "Effects of Shoe Cushioning on Ground Reaction Forces and Knee Flexion Angles in Running." Presented at the Northwest Ohio Undergraduate Research Symposium, Findlay, OH, April 2017.

Hendershot, J. and **Charvat, R.** "Microbial Diversity in a Hydrogen Sulfide Stream Assessed via MALDI-TOF Analysis." Northwest Ohio Conference, Findlay, OH, April 2017.

Klass, S., Pasternak, M., **Charvat, R.**, and **Rheubert, J.** "An Interspecies Correlation Profile of Potential Antibacterial Components in Caenophidia Snake Venoms." Presented at Northwest Ohio Conference, Findlay, OH, April 2017.

Geise, M.J. and **Brooks, S.** "Crowdsourcing: A Unique Approach in Creating Assessment Rubrics for GE." Poster presented at the Association for Institutional Research Annual Forum, New Orleans, LA, June 2016.

Geise, M.J. and **Schneider, H.** "TIC Survey Trends from the Annual Business Technology Survey Distributed by the Findlay-Hancock County Alliance." Presented at the 15th Annual Information Assurance Forum, The University of Findlay, Oct. 2016.

Lichtveld, K., Clinger, J., Ruiz, J., Thomas, K., and Tulve, N. "Meta-Analysis of the Chemical and Non-Chemical Stressors Affecting Childhood Obesity." Presented at the National Environmental Health Association Annual Education Conference, San Antonio, TX, June 2016.

Strobel, R., Berton, R., **Rheubert, J.**, and **Charvat, R.** "A Correlative Interspecies Analysis Profile of Caenophidia Snake Venom's Antiparasitic Components." Northwest Ohio Conference, Findlay, OH, April 2017.

Cook, H., **Rheubert, J.**, Siegel, D. and Trauth, S. "The Amphibian Reproductive System: An Untapped Source of Variation." Northwest Ohio Conference, Findlay, OH, April 2017.

Messak, J., Siegel, D., Gribbins, K., Trauth, S., and **Rheubert, J.** "Do Male Lizards "Man-Up" to Compensate for Reduced Sperm Size?" Northwest Ohio Conference, Findlay, OH, April 2017.

Bunsey, A., Beck, H., **Ringenberg, J.** and Leventhal, L. "The Effect of a Tangible User-Interface on Performance and Strategy in a Virtual Mental Rotation Task, Take 2: A Follow-up Study." Poster presented at Consortium for Computing Sciences in Colleges: Midwest Conference, Taylor University, Upland, IN, Oct. 2016.

Beck, H., Bunsey, A., **Ringenberg, J.** and Leventhal, L. "The Effect of a Tangible User-Interface on Performance and Strategy in a Virtual Mental Rotation Task." Poster presented at Consortium for Computing Sciences in Colleges: Midwest Conference, Taylor University, Upland, IN, Oct. 2016.

Caristi, J., Curtin, C.M., Rasmus, J., and **Schneider, H.** "What CS Grads Should Know about Information Assurance and Security." Presented at the Consortium for Computing Sciences in Colleges: Midwest Region, Upland, IN, Sept. 2016.

Schneider, H., **Geise, M.J.**, and **Brooks, S.** "Designing Assessment Data Collection Systems with the End in Mind." Discussion group at the Association for Institutional Research (AIR) Forum, New Orleans, LA, May 2016.

Tice, N. "Synthetic Heterocycles and Their Applications in Energy and Advanced Electronics." Presented at the Department of Science and Mathematics Seminar, Grace College, Winona Lake, IN, Oct. 2016.

Tice, N., Collins, E., Snyder, C., and Smith, D. "Cyclopentadienyl Pyridazines and Oxazines and Their Applications in Energy and Advanced Electronics." Presented at the Sci-Mix and Inorganic Chemistry Section, 253rd National Meeting of the American Chemical Society, San Francisco, CA, April 2017.

Yu, G. and **Reardon, G.** "Flipping the Classroom in Highly-Structured College Programs: Two Approaches to a Common Problem of Student Readiness." Presented at the Seventh Annual SOTL Conference, Findlay, OH, May 2016.

Schneider, H., **Brooks, S.** and **Geise, M.J.** "Designing Assessment Data Collection Systems with the End in Mind." Presented at the Association for Institutional Research Annual Forum, New Orleans, LA, June 2016.



