

COLLEGE OF EDUCATION AND HUMAN ECOLOGY



ISSUE: 3

OFFICE OF RESEARCH NEWSLETTER

#### FEATURED AWARD

## DEVELOPING LIFESTYLE WEIGHT MANAGEMENT INTERVENTIONS TO PROMOTE HEALTH AND PREVENT DISEASE



Brian Focht

In April of this year, the National Institutes of Health, National Institute on Aging, awarded Brian Focht (Human Sciences) and his colleague Kevin Hackshaw (Medicine) over \$2.8M to develop sustainable lifestyle

efficacious and interventions in health promotion and disease prevention efforts for patients with knee osteoarthritis (OA), especially those who are overweight. OA is a prevalent chronic degenerative disease that is a primary cause of mobility disability in the U.S. Obesity is a primary modifiable risk factor for the progression of symptomatic knee OA that is associated with increased pain and an increased risk of functional limitations. Unfortunately, access to comprehensive weight management programs overweight knee OA patients remains limited. Effective community partnerships are needed to deliver widely accessible lifestyle interventions to prevent obesity and mobility disability in this population.

The study, entitled Comprehensive Lifestyle Intervention Program for Knee Osteoarthritis Patients (CLIP-OA), includes a two-arm, 12-month randomized controlled trial, in collaboration with the Central Ohio Arthritis Foundation (AF), to determine the comparable efficacy of a

community-based exercise and dietary weight loss (EX+DWL) program. The results of the EX+DWL program will be compared to the AF's Walk With Ease EX program, which is now the focus of AF's self-management programming.

The central hypothesis is that the EX+DWL intervention will be a safe. approach that produces efficacious improvements in superior mobility disability and the secondary outcomes of weight loss, pain reduction and improved quality of life relative to the AF's Walk with Ease EX program. This hypothesis is formulated on the basis of strong preliminary data demonstrating that the EX+DWL intervention yields meaningful improvements in these outcomes in knee OA patients as well as obese older adults at risk for mobility disability. At the end of this project, the researchers expect to have determined the comparative effectiveness of these two communitybased interventions. In short, the primary positive impact of the proposed trial is that the results could alter the AF's approach to the management of the functional consequences and symptoms of knee OA in communities nationwide.

For more information about this award, please contact Brian Focht at focht.10@osu.edu.

#### A MESSAGE FROM OUR ASSOCIATE DEAN

We would like to welcome the newest member of the EHE Office of Research staff, Heather Lansky (pictured). She is Manager of Data Quality Reporting,



Heather Lansky Quality Data Manager

having moved over from the P12 Initiative. Heather has already proven to be invaluable in the development of both the research interests and proposal tracking databases, as well as web metrics of our various initiatives. So welcome Heather!

We are gearing up for an actionpacked fall semester. Our first workshop September (details herein) and Seed Grant proposals are due October 3 (joint program with the College of Arts and Sciences). We are again partnering with the University Office of Research on an all-day grant-writing workshop September 13. This is intended for all faculty, research staff and post-docs who did not participate in the same event last September. And that is just the beginning of the semester! Welcome back and happy researching.

Richard G. Lomax Associate Dean for Research and Administration

# ENABLESTEM: EHE'S NEW TEACHER PREPARATION GRANT

Thompson statue at sunset [jpg]. Retrieved from go.osu.edu/photographs

The Department of Teaching and Learning has a long history of collaboration with Columbus City Schools, focusing on urban teaching and learning as evidenced by previous work on the U.S. Department of Education-funded ASPIRE (Apprenticeships Supported by Partnerships for Innovation and Reform in Education) program, as well as the Woodrow Wilson Ohio Teaching Fellows program. Project ASPIRE (Principal Investigator Sandra Stroot, 2009-2015, \$13M) provided teacher candidates with deep content knowledge, preparing them for success as teachers who support the learning of all children, particularly those attending schools in high-need, urban areas.



Karen Irving

EHE's newest award is funded by the National Science Foundation through their Robert Noyce Teacher Scholarship Program (go.osu.

edu/NSFNoyce). The focus of the Noyce Program is on programming that addresses the critical need for recruiting and preparing highly effective K-12 STEM teachers, especially in highneed local school districts.

The project, Empowering Noyce **Apprenticeships** bv Leadership Engagement in STEM Teaching (ENABLE-STEM), is led by Principal Investigator Karen Irving and co-Investigators Patricia Brosnan, Lin Ding, Valerie Kinloch (all from Teaching and Learning) and Larry Krissek (Department of Earth Sciences, College of Arts and Sciences). The anticipated total award amount is just under \$1.4M. Additional

partners include the Columbus City Schools (CCS), and the Center of Science and Industry (COSI).

The components of the program include a strong teacher preparation experience with a prolonged field experience in CCS, close collaboration with informal science educators at COSI, and a four-year induction support system. An Urban Teaching Seminar (UTS) specifically designed for the ENABLE-STEM Fellows will provide additional background and support for teachers in the unique context of an urban, high-needs school. The ENABLE program will also continue to implement the co-planning/coteaching model for student teaching developed by Patty Brosnan (Teaching and Learning) and implemented during Project ASPIRE. This model supports mentor teacher and student teacher teams by maintaining a consistent focus on the impact on student learning of

pedagogical choices in the classroom.

The six year ENABLE-STEM program will provide full tuition for two cohorts of up to a total of 16 graduate students to complete the three semester EHE Master of Education (MEd) program. Fellows are required to have already completed an undergraduate degree in mathematics or science and meet the National Science Teachers Association or the National Council of Teachers of Mathematics standards for science or mathematics content preparation for teaching at the secondary level before they enter the program. In addition, fellows will receive salary supplements during their next four years teaching at a school in a high needs district. The total value of the award for each participant is an estimated \$67,000. •

For more information about this project or research opportunities, email Brittany Garvin (garvin.74@osu.edu).

## KICKSTARTING CAREERS WITH EARLY CAREER **AWARDS**

Thompson Library at sunset [jpg]. Retrieved from go.osu.edu/photographs

Early career awards provide protected time so faculty can develop their own line of independent research during their first years at higher education institutions. These grants present an excellent opportunity for recently minted scholars to deepen their expertise, acquire new skills, work with additional resources and make connections with others in their fields. This year, three of our faculty received early career awards.



Matt Brock

Matt Brock, Educational Studies - Sponsor: U.S. Department Education, **IES** Early Career. Development and Mentoring Program (ies.ed.gov/funding/)

Promoting System-Wide The project, *Implementation* Evidence-Based Practice for Students with Severe Disabilities through Multi-Tier Professional Development, will focus on improving the instructional strategies of paraprofessionals and outcomes for students with severe disabilities. Brock will develop and test the efficacy of a multi-tier system of training to improve paraprofessional implementation fidelity of systematic instructional strategies and outcomes for students with severe disabilities. The proposed professional multi-tier system will build on these features to develop an effective and efficient avenue for enacting system-wide change that benefits these students.



Sarah Gallo

Sarah Gallo, Teaching and Learning – Sponsor: Fulbright Postdoctoral Scholar Award (cies.org/ program/postdoc)

This ethnographic study, Deportations, **Forced** 

Repatriation and Transnational Schooling in Mexico, seeks to contribute to this understudied issue through an exploration of how repatriated primary school students and classroom teachers in Mexico navigate transnational schooling experiences during routine pedagogical interactions. Through this study, Gallo will be able to extend her previous work on undocumented status and bilingual language and literacy learning in the U.S. by following young students affected by deportations into their Mexican schools. This research will illustrate the nuanced ways that deportation-based immigration policies shape young children's educational realities across geopolitical borders.



Educational Studies -Sponsor: NAEd/Spencer Postdoctoral Fellowship Program (naeducation. org/naed\_080201.htm)

Tzu-Jung Lin This study, Promoting

Tzu-Jung Lin,

Interpersonal Competencies and Academic Achievement through Collaborative Social Reasoning, will examine the impact of a dialogic intervention on early adolescents' social reasoning, interpersonal competencies and academic achievement, and will uncover the underlying socialcognitive mechanisms of change. The central hypothesis is that the intervention will lead to significant growth in social reasoning, interpersonal competencies and academic achievement. The outcomes are expected to have a significant and positive impact on future designs of a longitudinal social-emotional learning program or school curriculum to simultaneously foster students' social, emotional and cognitive development.

#### FIND ADDITIONAL EARLY CAREER FUNDING OPPORTUNITIES

You can do your own searches in the InfoEd Global SPIN funding opportunities database and create your own personalized, email alerts by following the instructions at go.osu.edu/InfoEdInstructions. If you have any questions, please contact Jeff Agnoli at agnoli.1@osu.edu.

## WELCOME NEW FACULTY

EHE ADDS EIGHT NEW FACULTY MEMBERS

#### **EDUCATIONAL STUDIES**



**ANA-PAULA CORREIA** Associate Professor, **Learning Technologies** 

**Previous Institution:** Iowa State University **Research Interests:** Online and mobile

learning; collaborative learning; curriculum development

correia.12@osu.edu



**MATTHEW MAYHEW** Professor, Higher

**Education and** Student Affairs (HESA)

**Previous Institution:** New York University Research Interests:

Matthew Mayhew Student spirituality; moral development of college students; impact of college on students; innovation capacity

mayhew.65@osu.edu

building; quantitative methods



Anne-Marie Nuñez

(HESA)

**Previous Institution:** University of Texas at

**ANNE-MARIE NUÑEZ** 

Associate Professor. **Higher Education** 

and Student Affairs

San Antonio

Research Interests: Higher education experiences and trajectories of Latino, first-generation and migrant students; the structure of postsecondary opportunity across different institutional types; faculty advancement in higher education organizations

nunez.80@osu.edu



Brett Zyromski

#### **BRETT ZYROMSKI**

Assistant Professor, Counselor Education

**Previous Institution:** Northern Kentucky University

**Research Interests:** 

Impact of evidence-based interventions in school counseling and evidencebased school counselor education; evaluation in school counseling zyromski.1@osu.edu

#### **HUMAN SCIENCES**



Stephanie Liu

Assistant Professor, Hospitality Management

**STEPHANIE LIU** 

**Previous Institution:** Penn State University

**Research Interests:** 

Services marketing and consumer behavior; social media and advertising; Service and relationship management; technology innovation in the service industry | liu.6225@osu.edu



**RACHEL KOPEC** 

Assistant Professor, **Nutrition (Discovery** Themes initiative Foods for Health)

**Previous Institution:** INRA (French National

Agricultural Research Institute), Paris France

Research Interests: Metabolomics; deposition, metabolism, and bioactivity of carotenoids; interplay of metabolic pathways of fat soluble vitamin uptake, utilization and excretion; capacity of chlorophylls to reduce the adverse impact of persistent fat-soluble environmental toxins | kopec.4@osu.edu

#### TEACHING AND LEARNING



Christian Faltis

#### **CHRISTIAN FALTIS**

Professor; Department

#### **Previous Institution:**

University of California, Davis

#### **Research Interests:**

Bilingual teacher education; developing innovative understandings of dynamic bilingualism and biliteracy; bilingual cross-cultural education | faltis.1@osu.edu



Julia Hagge

Assistant Professor. **Reading Education** 

**JULIA HAGGE** 

#### **Previous Institution:** University of South

Florida

#### Research Interests:

Literacy practices in the context of coding; inclusive literacy practices for diverse learners; development of productive literacy pedagogies among teacher candidates

hagge.1@osu.edu

#### WE'RE MOVING

#### ALL OF OUR REGISTRATIONS. THAT IS!

EHE Office of Research and the RMC are in the process of transitioning all of our event registrations to BuckeyeLearn. BuckeyeLearn allows users to search across all university training events and even keep track of your training via your personal transcript. Learn more about BuckeyeLearn by visiting go.osu.edu/

### RESEARCH METHODOLOGY CENTER

#### **UPCOMING WORKSHOPS AND EVENTS**

#### **WORKSHOPS AND PANELS SERIES**

SAT. SEPT. 10 | 9:00 AM - 1:00 PM Introduction to R

Mine Dogucu provides an introduction to the R computing environment. This session is geared to folks with little or no experience with R.

#### SAT. OCT. 15 | 9:00 AM - 1:00 PM Introduction to SPSS

Robert Nichols leads students through basic data/file management, syntax and efficient analysis in SPSS. This workshop is great for beginners who have never used SPSS, or for those with data to prepare for analysis.

#### SAT. OCT. 22 | 9:00 AM - 1:00 PM Introduction to Mplus

EHE Associate Professor Xin Feng provides a practical introduction to the powerful Mplus program. Those new to Mplus are welcome!

#### FRI. OCT. 28 | 9:00 AM - 12:00 PM Introduction to STATA

Nivedita Bhaktha offers a hands-on introduction to STATA. Emphasis is placed on syntax needed to manage and prepare data for analysis. This class is geared to new STATA users.

#### SAT. DEC. 3 | 9:00 AM - 1:00 PM Introduction to SAS

Alison Koenka introduces students to the SAS environment. If you are new to SAS, or haven't used it in a while, this course will help you get started!

#### Panel Discussion: BIG DATA and Analytics in Education (DATE TBD)

Panelists from Ohio State discuss the use of big data in education. Panelists include EHE Professor Kui Xie and Julie Carpenter-Hubin, OSU Assistant Vice President of Institutional Research and Planning.

#### Panel Discussion: Research in Vulnerable Populations (DATE TBD)

Panelists discuss challenges and best practices for conducting research with vulnerable populations. Panelists include EHE Professor Antoinette Miranda and EHE Assistant Professor Timothy San Pedro.

For additional information about these workshops or to register, please go to rmc.ehe.osu.edu.

#### **METHODS LEADERSHIP SERIES**

#### THURS, SEPT. 8 | 1:00 - 2:30 PM **ADVANCES IN DESIGN**

RMC Director and Professor in the EHE QREM program Ann O'Connell discusses advances in design considerations for research in education and human ecology.

#### THURS. SEPT. 22 | 1:00 - 4:00 PM INTRODUCTION TO RASCH MODELS

EHE Assistant Professor Cristian Gugiu provides a concise conceptual introduction to Rasch modeling and its uses in educational measurement.

#### **FEATURED SPEAKER** LINDA COLLINS THURS. SEPT. 29, 2016 | 9:30 - 11:00 AM

Director, The Methodology Center at Penn State, and Distinguished Professor of HDFS and Statistics Linda Collins will present her groundbreaking work on adaptive designs and intervention optimization.

#### THURS, OCT. 10 | 1:00 - 3:00 PM LATENT CLASS AND LATENT PROFILE **ANALYSIS**

Jessica Logan, Senior Researcher from the Crane Center for Early Childhood, provides an introduction to this emerging method.

#### THURS, OCT, 27 | 1:00 - 2:30 PM **GENERALIZED ITEM RESPONSE AND FACTOR TREES**

OSU Professor of Psychology, Paul DeBoeck, will discuss his current work in item response modeling.

#### **FEATURED SPEAKER CRAIG ENDERS**

MON. NOV. 14, 2016 | 9:30 - 11:00 AM Professor in Psychology, UCLA, Craig Enders will present on his innovative work in missing data imputation.

#### THURS. NOV. 17 | 1:00 - 2:30 PM **USING THE NLSY**

Associate Professor Paula Baker, Professor Elizabeth Cooksey and Research Specialist Rosella Gardecki, Arts and Sciences, provide expert guidance about the use of the National Longitudinal Survey - Youth data set.

#### HELP WITH YOUR METHODS SECTION IS RIGHT AROUND THE CORNER!

The Research Methodology Center, located in 173 Arps Hall, provides expert consultation in research methods for your grant proposals or publications. This service is provided free of charge to all EHE faculty, staff and graduate students. The RMC can help you with questions about:

- Power analysis or sample size calculation
- Data collection and management
- Data analysis
- Evaluation of interventions and programs
- Software availability and use

We recommend that you make an appointment if you would like to speak with one of our consultants. To make an appointment, contact us by email at rmc@osu.edu (put the word CONSULTING in the subject), or visit our website at rmc.ehe.osu.edu.

## AWARD

The following individuals received Travel Grants from the EHE Office of Research to make conference presentations. These grants were awarded from March to June 2016.

## UNIVERSITY FELLOWSHIP

Welcome to our new graduate students who have received University Graduate Fellowships. Congratulations!

#### **EDUCATIONAL STUDIES**

Kaitlyn Prieto Godoy New York University

Lauren Acree **Duke University** 

Elizabeth Habermehl

Kraatz Delta State University Amy Chin

Gabrielle Cregan John Carrol University

Antonio Duran Miami University

#### **HUMAN SCIENCES**

Barbara Hodgdon The Ohio State University

Kayla Goldberg The Ohio State University

University of Nebraska - Lincoln

James Evans Louisiana State University

#### **TEACHING AND LEARNING**

Brandon Aigner University of Connecticut

Fatoumata Bah University of Delaware

Daniel Ferguson University of Graz (Austria)

Nicole King Sam Houston State University

Hillary Koontz Walden University Elizabeth Krone Stanford University and Middlebury College

Allison Ragland Ohio University

Jacqueline Ridley Trinity International University

Raquel VonHandorf Harvard University

#### GRADUATE STUDENT TRAVEL **Educational Studies**

Jing Chen Alyssa Emery Marissa Green Seung Yon Ha Irina Kuznetcova You Joung Lee Narmada Paul Sungjun Won

#### **Human Sciences** Jee-Ahe Ahn **Bradley Cotton**

Ciaran Fairman Rachel Garcia Diadnra Gordon Emma Hooper **Gregory Lott** Joshua McDonald Jessica Pierce Deena Snoke

#### Teaching and Learning

Joohoon Kang Chin-Chiang Kao Hsing-Yin Lin Seyedeh Azin Sanjari Pirmahaleh

#### FACULTY INTERNATIONAL TRAVEL

#### **Educational Studies**

Colette Dollarhide Michael Glassman Jan Nespor Kui Xie

#### **Human Sciences**

Carolyn Gunther Caezilia Loibl

#### Teaching and Learning

David Bloome Patricia Enciso Michiko Hikida Kathy Malone

#### TRAVEL GRANT APPLICATIONS NOW ACCEPTED AT ANY TIME

Graduate Student Travel, Faculty International Travel and Postdoctoral Researcher Travel Grant applications are accepted at any time during the year but must be submitted **PRIOR** to travel. For more information, visit go.osu.edu/ EHEResearchTravel

#### **POST-DOC** TRA\/FI

Ya-Mei Hu. **Human Sciences** 



From left: Cheryl Achterberg and Cynthia Buettner

#### **BUETTNER HONORED** WITH 2016 DISTINGUISHED **RESEARCH AWARD**

The 2016 EHE Distinguished Research Award went to Cynthia Buettner, associate professor in the Department of Human Sciences.

The award acknowledged her work to advance the research field through transforming and integrating knowledge, facilitating learning, solving compelling

problems, contributing to public policy, evaluating practices and programs, and interpreting knowledge for relevant audiences.

### NEW RESEARCH AWARD

EHE faculty and staff received 19 new awards between March 1, 2016 and June 30, 2016. The anticipated total award amount for all 19 awards is \$10,201,205.55. For additional information on these and previous awards, visit u.osu.edu/eheresearchawards.

PI; Co-I(s)	PI EHE Department*	Sponsor Name
David Bloome	Teaching and Learning	National Writing Project
Barbara Boone; Robert Mahlman; Melissa Ross	CETE	Miami University
Brittany Brakenhoff; Natasha Slesnick	Human Sciences	National Institute on Drug Abuse
Matthew Brock	Educational Studies	Institute of Education Sciences
<b>Gwendolyn Cartledge;</b> John Fosler-Lussier; Ralph Gardner	Educational Studies	Carney Labs
Carol Daniels; Robert Mahlman	CETE	Ohio Department of Education
Brian Focht; Kevin Hackshaw	Human Sciences	National Institute on Aging
Carolyn Gunther	Human Sciences	Purdue University
Karen Irving; Patricia Brosnan; Lin Ding; Valerie Kinloch; Lawrence Krissek	Teaching and Learning	National Science Foundation
David Julian; Robert Mahlman; Melissa Ross	CETE	Hoh Indian Tribe
Laura Justice	Schoenbaum Family Center	Ohio Department of Education
Laura Justice	CCEC	Kellogg (W K) Foundation
Laura Justice; Jacqueline Goodway	CCEC	City of Columbus
Julie Kennel; Richard Bruno ; Carolyn Gunther; Irene Hatsu; Tonya Orchard	Human Sciences	National Institute of Food and Agriculture
Traci Lepicki; Robert Mahlman	CETE	Ohio Department of Higher Education
Rebecca Parker; Robert Mahlman	CETE	Ohio Department of Education
Shayne Piasta; Jessica Logan	CCEC	Institute of Education Sciences
Natasha Slesnick	Human Sciences	University of Texas at Austin
Jeff Volek	Human Sciences	Malaysian Palm Oil Board
*when the PI is not from EHE, the EHE Co-I is bolded and the Co-I's department is listed		

#### HODGE IS FIRST AFRICAN AMERICAN TO RECEIVE SHAPE SCHOLAR AWARD



Samuel Hodge, professor of kinesiology, is the first African American to receive the SHAPE America Scholar Award since it was established in 1976. He was honored for his distinguished career and academic contributions that have made education more inclusive and socially just. This is the second major honor Hodge has received in 2016. Earlier this year, he was named a Fellow of the National Association of Kinesiology in Higher Education.

The SHAPE America Scholar Award is presented to a scholar who encourages and facilitates research and creative activities that will enrich the depth and scope of health, leisure, sport, dance and related activities. In addition to the award, Hodge presented a keynote lecture at the Society of Health and Physical Educators (SHAPE America) national convention. There, he spoke about race, civility and social justice and the need to

reposition thinking about these issues.

"We're intentionally training a diverse group of people in kinesiology, human nutrition and physical education teacher education," Hodge said. "Our push for inclusion and social justice is a natural part of who we are." Read more at qo.osu.edu/HodgeSHAPE.

## UPCOMING WORKSHOPS

INTRODUCTION TO
OFFICE OF RESEARCH
SERVICES
September 16, 2016
260 Ramseyer, 1:00PM
go.osu.edu/IntroToSvcs2016

FINDING FUNDING
OPPORTUNITIES: FEDERAL,
STATE, INDUSTRY,
FOUNDATION, AND OSU
October 21, 2016
038 Townshend Hall 10:00AM
go.osu.edu/FindingFunding2016

BEST PRACTICES FOR
ORGANIZING DATA
November 2, 2016
Research Commons, 4:00PM
18th Ave. Library, 3rd Floor
Registration TBD

BEST PRACTICES FOR STORING AND ARCHIVING DATA January 18, 2017 Research Commons, 3:00PM 18th Ave. Library, 3rd Floor Registration TBD

#### SAVE THE DATE!!!

SIXTH ANNUAL STUDENT RESEARCH FORUM FEBRUARY 24, 2017

To join the planning committee, please contact Rebecca Chacko at chacko.9@osu.edu

Research Forum Website u.osu.edu/ehestudentresearch/

#### **EDITORS**

#### Director

Kimberly Lightle lightle.16@osu.edu

**Administrative Coordinator** 

Rebecca Chacko chacko.9@osu.edu

## OFFICE OF RESPONSIBLE RESEARCH PRACTICES (ORRP): SUPPORTING RESEARCH ON HUMAN SUBJECTS

The Office of Responsible Research Practices (ORRP) assists Ohio State faculty, staff and students conducting human subjects research. The ORRP staff helps researchers navigate regulations governing research in a way that fosters ethical conduct, ensures compliance and minimizes administrative burden. The office makes a tremendous number of resources and services available to researchers – below is just a sampling. Access all of the human subjects research resources at orrp.osu.edu/irb/.

Templates and sample research documents (orrp.osu.edu/irb/investigator-guidance/) are available, including guidelines for writing a research protocol and examples of consent, assent and parental permission forms. This page also includes an investigator guide that helps you decide whether review is even required.

**Buck-IRB** (orrp.osu.edu/irb/buck-IRB/) is the electronic system used for the submission and review of exempt and Institutional Review Board (IRB) research performed by Ohio State investigators. Buck-IRB streamlines the exempt and IRB submission processes for investigators.

Institutional Review Board (IRB) timeline estimates (orrp.osu.edu/irb/time-to-approval/) can assist researchers submitting studies for IRB review or exemption to plan in advance of study start dates. Estimated approval times are provided for each board and for exempt determinations, and include screening, review and response times.

**Personalized consultations** regarding human subjects research can be scheduled by choosing IRB from the drop-down menu on the Research Commons consultation page. Follow instructions at go.osu.edu/IRBConsult and complete the appointment details form that will appear below the calendar. In the "your notes" field, please provide a brief description of your reason for requesting a consultation. All consultations occur in the Research Commons, 3rd floor in the Eighteenth Avenue Library.

**Classroom presentations** are also available for either a general IRB overview or for information on specific topics. Please contact Joni Barnard to schedule a presentation or for more information at 614-688-3405 or barnard.15@osu.edu.

**Training videos** are available from past EHE Office of Research workshops. The major focus of IRB1 (go.osu.edu/IRB1) was how to write a quality IRB protocol, highlighting red flags that can potentially slow down the entire process. Presenters described speed bumps (delays to approvals) as well as when continuing reviews and amendments are required. How to make sure that informed consent is done properly, especially with underserved populations and when waivers might be appropriate, were covered. Best practices and resources as well as noncompliance examples and findings were also shared. An IRB review board member shared their perspective on the review process. IRB2 focused on what to do after the protocol has been approved (go.osu.edu/IRB2), including training of research team members, best practices for data management and record keeping and the auditing process and the consequences of minor to major noncompliance.

The Frequently Asked Questions (FAQ) page (orrp.osu.edu/irb/irb-faqs/) is always a good place to start — maybe your question has already been answered. If not, contact a staff member — they are available to help! •