



**THE OHIO STATE
UNIVERSITY**
COLLEGE OF
EDUCATION AND HUMAN ECOLOGY

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OFFICE OF RESEARCH NEWSLETTER

FEATURED AWARD URBAN GEMS SUPPORTS YOUTH DEVELOPMENT

A MESSAGE FROM OUR ASSOCIATE DEAN

Research is in full bloom in EHE. Eleven of our PIs are completing phase 2 of the grant writing series (culminating in a submission in the coming months), the 2016 Student Research Forum was a great success (over 100 students presented their work), a few substantial grants have already hit in 2016, many of us are presenting at Spring research conferences, faculty have received numerous awards during the past year, and even the Federal Government ultimately came through with near level funding for most agencies. Planning is well underway for activities and initiatives during next fiscal year. I expect research compliance and data management will continue to be hot issues, so these will certainly be amongst our future offerings. Our role is to support your research. But without you, there is no research. So thank you for a great year of inquiry and take care.



Deanna Wilkinson

Urban GEMS, funded by the National Institute of Food and Agriculture (NIFA/USDA) Children, Youth and Families at Risk program, is focused on increasing student engagement through project-based learning and improving health-related knowledge, attitudes and behaviors among participating youth. Urban GEMS (**Gardening Entrepreneurs Motivating Sustainability**) is led by principal investigator Deanna Wilkinson, Human Sciences, with Emily Roe, Academy for Urban Scholars (AUS), and Tiffany Groce, Reaching Higher Heights 4-Life (RHH4-L). Faculty and staff from OSU Extension, SNAP-Ed, the National Center for Urban Solutions (NCUS) and the African American Male Wellness Walk are also involved.

Urban GEMS is a multifaceted 21st-century positive youth development initiative designed to reduce high school dropout rates by enriching the science, health, personal and career development curricular offerings at two community sites for youth and families at high risk. Students will build competencies in youth leadership, teamwork, project development, project management, microbusiness operations, professionalism, event planning and Internet and social media marketing. They will also learn more about food safety, product development, branding,

financial asset management, engineering solutions such as alternative, more energy efficient lighting systems, and connecting with career professionals. In addition, the project aims to increase the youth's fresh fruit and vegetable consumption by 50 percent during the program. As the youth engage in new activities and experiences they will be asked to share their knowledge with their parents and/or guardians and other community adults to spread awareness of the benefits of healthy habits.

The first implementation site is the Academy for Urban Scholars (AUS) in Columbus, a brick-and-mortar dropout and recovery high school serving high school students ages 14 to 22. The second test site for Urban GEMS is (RHH4-L), a local nonprofit organization serving the south side of Columbus. By the end of the 2019-2020 school year, Urban GEMS will have educated approximately 300 young people at the two community sites.

This project aims to create a sustainable model that propels engaged youth as leaders in developing and applying 21st-century skills to address local community needs as they work side-by-side with caring adults inspired by their passion for young people. ♥

For more information about this award, please contact Deanna Wilkinson at wilkinson.110@osu.edu.



Richard Lomax
Associate Dean
for Research

INCREASING PUBLIC ACCESS TO RESULTS OF FEDERALLY-FUNDED RESEARCH: A FEDERAL MANDATE

By Amanda Rinehart, Assistant Professor, Data Management Librarian, Ohio State University Libraries



Amanda Rinehart

The federal government has increasingly been asked to be more transparent with federal grants, specifically with the availability of grant products such as data and publications. As a result, each federal funding agency has developed its own policy to address that need. You can look up specific agency requirements (go.osu.edu/FedPublicAccess) to see what is expected and find out what the timeline is for making publications and data available.

Federal agencies are also requiring principal investigators (PIs) to start thinking about how they will manage their data and access to the data even before they are funded. All federal agencies and many foundations require some sort of data management plan to be submitted with the proposal.

OSU LIBRARIES SUPPORT SERVICES

Wondering how to make these new obligations easy? The Libraries have people who can help! Whether you want to attend an introductory workshop or schedule one-on-one assistance, consulting with an expert can make this transition easier.

I need a data management plan or data repository.

Contact Amanda Rinehart, rinehart.64@osu.edu

I need to publicly share my articles and other publications.

Contact Maureen Walsh, walsh.260@osu.edu

As an editor, I need to make sure my journal is author-friendly regarding these new requirements.

Contact Melanie Schlosser, schlosser.40@osu.edu

As an author, I want to make sure my publishing agreements allow me to be compliant with these new requirements.

Contact Sandra Enimil, enimil.1@osu.edu

I need help submitting my article to PubMed Central.

Contact Lynda Hartel, hartel.642@osu.edu

The requirements for the data management plans (go.osu.edu/DMPRequirements) aren't identical across agencies but most include the following*:

TYPES OF DATA

What types of data will you be creating or capturing? (experimental measures, observational or qualitative, model simulation, existing)

How will you capture, create and/or process the data? (Identify instruments, software, imaging, etc. used)

CONTEXTUAL DETAILS (METADATA) NEEDED TO MAKE DATA MEANINGFUL TO OTHERS

What file formats and naming conventions will you be using? Minimal metadata? Formal metadata schema?

STORAGE, BACKUP AND SECURITY

Where and on what media will you store the data? What is your backup plan for the data? How will you manage data security?

PROVISIONS FOR PROTECTION/PRIVACY

How are you addressing any ethical or privacy issues? (IRB, HIPAA, IACUC, anonymization of data, etc.)

Who will own the copyright or intellectual property rights to the data? (OSU Research Data Policy at go.osu.edu/ResearchDataPolicy)

POLICIES FOR RE-USE

What restrictions need to be placed on re-use of your data?

POLICIES FOR ACCESS AND SHARING

What is the process for gaining access to your data? If there will be public access, will you use a repository? If no public access, why not?

PLAN FOR ARCHIVING AND PRESERVATION OF ACCESS

What is your long-term plan for preservation and maintenance of the data? ♥

*Basic Components of a Data Management Plan modified from Simplified Data Management Plan by Lamar Soutter Library, University of Massachusetts Medical School (ed.) (2015). New England Collaborative Data Management Curriculum. Retrieved from library.umassmed.edu/necdmc.

Register to attend an introductory workshop at
library.osu.edu/researchcommons/events/

INSIDE THE OFFICE OF RESEARCH: WHO WE ARE AND WHAT WE DO

How does EHE's Office of Research support faculty, students and staff in the college?
Here are some of the many programs we support and services we provide.

WORKSHOPS

go.osu.edu/EHEWorkshops

Our well-attended workshops drew speakers and participants from across the university. Even more are planned for Fall 2016—look on page 8 in this newsletter to see what's coming up next or view past workshops on the website above.

RESEARCH FORUM

u.osu.edu/ehestudentresearch

The EHE Office of Research hosts an annual student research forum highlighting the research efforts of our undergraduate and graduate students. There were over 100 presenters in this year's forum!

CONTRACTS

go.osu.edu/Contracts

Contracts are required whenever the university enters into an agreement with a non-university entity to exchange funds or services. The EHE Office of Research processes all non-OSP (Office of Sponsored Projects) contracts and tracks their progress until completely executed with all signatures.

RESEARCH IN SCHOOLS

go.osu.edu/ResearchInSchools Some school districts in Franklin County are part of an Exchange of Services agreement that turns EHE research hours into Ohio State course fee waivers for teachers in those districts. Keeping track of the number of hours spent in schools/districts will allow fee waivers to be authorized to those districts that are part of the agreement.

EXPERT REVIEW

go.osu.edu/ExpertReview

Sometimes great ideas need a little polish. We provide funds to bring in outside consultants who can put a shine on previously reviewed research proposals, increasing their funding potential.

GRA SUPPORT

go.osu.edu/GRASupport

The EHE Office of Research provides matching support to EHE PIs to include grant-funded graduate research associates (GRA) student positions in their grant proposal submissions.

TRAVEL GRANTS

go.osu.edu/EHETravel

Our travel grants provide funding for faculty, graduate students and postdoctoral researchers to present research at conferences in the U.S. and abroad.

SEED GRANTS

go.osu.edu/EHESeedGrants

Have a good idea? The EHE Office of Research grows research through seed grants, funds for researchers to collect preliminary data. In FY2016, we awarded over \$100,000 in seed grants.



PRE-AWARD SUPPORT SERVICES

BUDGET CREATION

As you identify and develop a grant opportunity that supports your research interests, contact senior grants managers Neal Kelley or Bing Tian. They can answer questions and help to create budgets for your proposal.



Neal Kelley,
Senior Grants Manager
kelly.77@osu.edu

SUBMISSION MANAGEMENT

Once your submission is fully developed, Neal Kelley or Bing Tian will manage the proposal submission process. Working closely with the two OSP program officers assigned to our college, they will oversee your proposal submission from start to finish.



Bing Tian,
Senior Grants Manager
tian.19@osu.edu

In addition to services offered by EHE Office of Research, the Office of Sponsored Programs (OSP) is an essential partner in securing research grants. Our college has been assigned two OSP program officers, one to work with not-for-profit sponsors (Anna Shadley) and one to work with for-profit sponsors (David Fullmer).

POST-AWARD SUPPORT SERVICES

AWARD MANAGEMENT

You've been funded. Now what? Schedule an initial meeting with grant and contract specialist Michael Moses to review your award and get assistance with next steps. While this initial meeting is about you and answering your questions, there are certain areas that we typically cover, including:

- Your role as a PI in the post-award phase
- Who does what (you, your department or center, EHE Office of Research, OSU Office of Sponsored Projects)
- Getting your project started, including personnel appointments
- Overview of the PI Portal

Whether your project is just getting started or coming to a close, Michael can help!



Michael Moses,
Grant & Contract
Specialist
moses.42@osu.edu

RECOGNITION AND ACHIEVEMENT

Fourteen EHE faculty members have been recognized for their outstanding achievements since spring 2015. Below is a list of the faculty, their departments, the award(s) and the organization from which the award was received.

Recipient	Department	Award	Sponsor
Cheryl Achterberg	Human Sciences	Helen Denning Ullrich Award for Lifetime Achievement	Society of Nutrition Education and Behavior
Colette Dollarhide	Educational Studies	Research in Counselor Education and Supervision Award	Association for Counselor Education and Supervision
Mark Failla	Human Sciences	Fellow	American Society for Nutrition
Sarah Gallo	Teaching and Learning	Fulbright Scholar	US Department of Education
Stephen Gavazzi	OSU Mansfield; Human Sciences	Fellow	National Council on Family Relations
Sherman Hanna	Human Sciences	<i>Journal of Financial Planning</i> , Most Prolific Author in Core Financial Planning Journals: 1985-2014	Financial Planning Association
Samuel Hodge	Human Sciences	NAKHE Distinguished Scholar	National Association for Kinesiology in Higher Education
Valerie Kinloch	Teaching and Learning	Rewey Belle Inglis Award for Outstanding Women in English Education	Gender and Literacy Studies Assembly of the National Council of Teachers of English
William Kraemer	Human Sciences	Honor Award	New England American College of Sports Medicine
Richard Lomax	Educational Studies	Fulbright Specialist Grant	US Department of Education
James L. Moore III	Educational Studies	Gifted and Special Population Award	National Association for Gifted Children, Special Population Network
James L. Moore III	Educational Studies	Distinguished Contributions to Gender Equity in Education Research Award	American Educational Research Association (AERA)
Nancy Neef	Educational Studies	Outstanding Mentorship Award	Association for Behavior Analysis International
Donna Pastore	Human Sciences	Sport Management Scholar Lifetime Achievement Award	Applied Sport Management Association (ASMA)
Adrian Rodgers	Teaching and Learning	Fulbright Scholar	US Department of Education
Sarah Schoppe-Sullivan	Human Sciences	Fellow	National Council on Family Relations



CELEBRATING STUDENT RESEARCH



2016 Review Committee Chairs and emcees (from left): Gigi Lopes Rizzi and John Schaefer. Photo: Rebecca Chacko.

The EHE Student Research Forum is an annual event that highlights the research of our graduate and undergraduate students. The forum is sponsored by the EHE Office of Research and was co-sponsored this year by the Quantitative Research, Evaluation and Measurement (QREM) Student Organization. With over 100 student presentations, both oral and poster, student researchers presented their completed, in-progress and proposed studies as well as literature reviews and instrument validations.

This year's event was held on Friday, February 12, 2016, at the Ohio Union. Three oral presentation sessions and two poster sessions were held. There were 15 oral and nine poster presentations from Educational Studies, 18 oral and 24 poster presentations from Human Sciences and 17 oral and 11 poster presentations from Teaching and Learning.

The keynote speaker was Shayne Piasta, assistant professor of Teaching and Learning and faculty associate in the Crane Center for Early Childhood Research and Policy. Piasta's research primarily focuses on early literacy development and how such development is best supported during the preschool and elementary years. Her work emphasizes the use of rigorous empirical methods to identify and evaluate educational programs and practices and has been funded by the Institute of Education Sciences and the National Institutes of Health.

In addition to oral and poster presentations, representatives from several offices, centers and student groups across campus were on hand at exhibit tables to answer questions and provide information about their office or group and their services. Exhibitors included: Career Counseling and Support Services; Office of Distance Education and ELearning; EHE Office of Diversity and Inclusion; EHE Research Methodology Center; Quantitative Research, Evaluation and Measurement (QREM) Student Organization; the Undergraduate Research Office; and University Libraries – Research Commons.

This year's event featured a door prize drawing during the keynote lunch,

and a raffle drawing with "passports" that attendees could have stamped or signed during attended sessions to qualify for the drawing. This year's raffle donors included The Ohio State University Department of Athletics, BalletMet Columbus, CAPA Columbus, Columbus Symphony Orchestra, Chile Verde Cafe, City Barbeque and Donatos Pizza.

The 2017 EHE Student Research Forum will be held on Friday, February 24, 2017, at the Ohio Union. Additional details will be available on our website this fall. ♥

For additional information about the 2016 EHE Student Research Forum, including photos and abstracts, please visit our website at u.osu.edu/ehestudentresearch.



Autographed ball door prize winners clockwise from left: Emi Tsuda, Ziwei Xu and Micah Gerhardt. Photos: Rebecca Chacko.

SAVE THE DATE: FEBRUARY 24, 2017 EHE STUDENT RESEARCH FORUM

TRAVEL AWARDS

The following individuals received EHE Travel Grants to make conference presentations. These grants were awarded in February 2016.

TRAVEL GRANT APPLICATIONS NOW ACCEPTED AT ANY TIME

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

FACULTY INTERNATIONAL TRAVEL AWARDS

Educational Studies:

Darcy Granello
Paul Granello
Chris Wolters

Human Sciences:

Xin Feng
Tonya Orchard

Teaching and Learning:

Theodore Chao
Karen Irving

GRADUATE STUDENT TRAVEL

✦ indicates student participated in the 2016 EHE Student Research Forum

Educational Studies

Natalie Andzik ✦
Sheng-Bo Chen ✦
Sheng-Lun Cheng ✦
Morris Council ✦
Mine Dogucu
Lauren Hensley
Ryan Kapa
Naima Khandaker
Jeong-a Kim
Meng-Ting Lo ✦
Gleides Lopes Rizzi ✦
Gregory Lott
Lin Lu
Jeremy Luke
Dorothy Moulthrop
Jeremy Oehrtman
Edward Page ✦
Veronica Pecero
Shannon Robinson
Megan Sanders
Tricia Shalka
Marnie Shapiro
Pamela VanHorn
Menglin Xu ✦
Ziwei Xu ✦
Douglas Yacek

Human Sciences

Lauren Altenburger
Kristen Arnold ✦
Carlos Cardona
Yungju Chen
Sean Dahlin
Stephanie Deering
Ruri Famelia ✦
Michael Fraina ✦
Chad Gerber ✦
Ashley Hicks
Laura Hopkins ✦
Devin Laurent ✦
Jinhui Li
Joshua McDonald
James Morton
Emily Newell
Anna Olsavsky ✦
Leanna Perez
Brawnie Petrov
Catherine Rogers
Catherine Saenz
Sara Thomas
Alison Webster
Xiuye Xie
Jia Yan

Teaching and Learning

Morayo Akinkugbe
Madith Barton
Katherine Brownfield
ChiuYee Cheng
KyongYoung Ha
Sarah Jackson
Hyun Jung Joo ✦
Jung Sook Kim
Hyun Kyung Kim
Eun Jeong Park ✦
Rachel Rickard Rebellino
Brian Seilstad
Youngji Son
Shiao-Chen Tsai ✦
Yanty Wirza
Se Jeong Yang
Wenli Zhang

EHE DISSERTATION FELLOWSHIP AWARDEES

The EHE Office of Research, in partnership with the departmental graduate study committees, awarded graduate dissertation research fellowships to the following students. The intent of the dissertation fellowships is to support outstanding students in the completion of their programs by allowing them to focus on their dissertation research. Fellowships include a monthly stipend, benefits and postcandidacy fee waivers for the academic year.

Educational Studies

Nicole Brown
Rachel Seaman

Human Sciences

Lauren Altenburger
Su Yun Bae
Ruri Famelia
Jinhui Li
Leanna Perez

Teaching and Learning

Brooke Harris-Garad
Dinglei Huang

NEW RESEARCH AWARDS

Faculty and staff in the college received 14 new awards between November 1, 2015, and February 28, 2016. The anticipated total award amount for all 14 awards is \$5,124,475. PIs from EHE are in bold. Awards where EHE is not the primary, Co-Is from EHE are bolded. For additional information on these and previous awards, go to ehe.osu.edu/research/awards/.

PI/Co-I	Department	Sponsor Name
JAMES AUSTIN ; Robert Mahlman; John Moser	CETE	Recreational Vehicles Dealer Association
BARBARA BOONE ; Robert Mahlman (2 awards)	CETE	Ohio Department of Education
EARL HARRISON ; Steven Schwartz	Human Sciences	USDA Agricultural Reserch Service
JOSHUA HAWLEY; Dawn Anderson-Butcher; Kathryn Maguire Jack; Natasha Slesnick	Human Sciences	Ohio Department of Job and Family Services; Administration for Children and Families, U.S. Department of Health and Human Services
SANJA ILIC ; Douglas Doohan; Jeffrey LeJeune	Human Sciences	Ohio Department of Agriculture
KAREN IRVING ; Edmiston, Brian W.; Heckler, Andrew Frank; Kajfez, Rachel L.; Malone, Kathy Lea	Teaching and Learning	Ohio Department of Higher Education; U.S. Department of Education
MARGARETHA IZZO; Dennis Cleary; Helen Malone ; Andrew Persch; Amy Shuman	Educational Studies	U.S. Department of Education
DAVID JULIAN ; Robert Mahlman; Melissa Ross	CETE	Columbus Medical Association Foundation
LAURA JUSTICE	CCEC	Ohio Child Care Resource and Referral Association
NICOLE LUTHY	ORC	Ohio Environmental Protection Agency
SUSAN NELL ; Robert Mahlman	CETE	Ohio Department of Rehabilitation & Correction
NATASHA SLESNICK	Human Sciences	Ohio Office of Attorney General; U.S. Department of Justice
DEANNA WILKINSON ; Laquore Meadows; Ana Zubieta	Human Sciences	National Institute of Food & Agriculture

KINLOCH RECEIVES BATTELLE ENDOWMENT SCIENCE/TECHNOLOGY AWARD



Valerie Kinloch

The Battelle Engineering, Technology and Human Affairs (BETHA) Endowment annual grant competition supports projects that examine the complex relationship between science and technology and their effect on society and cultural issues. This year, 19 proposals were submitted for consideration, of which six projects were selected for funding. A proposal submitted by **Valerie Kinloch**, professor of literacy studies in the Department of Teaching and Learning, was among the six selected.

Creating Oral Histories by Fostering Digital Technological Literacies in Jamaica is a collaboration among Ohio State faculty, staff and students to collect and document oral histories and digital technological literacies of black educators and students in Jamaica. Project goals are to increase access to digital technologies in a black postcolonial community that has limited access to these tools, engage in community dialogues about oral histories and support exchanges about language, culture and digital technological literacies among participants in Jamaica and Ohio. For additional information please go to go.osu.edu/KinlochBETHA.

UPCOMING EVENTS

WORKSHOPS:

EXPLORING THE NEW
QUALTRICS INSIGHT
PLATFORM
April 26, 2016
260 Ramseier, 1:00PM
register at [go.osu.edu/
NewQualtrics](http://go.osu.edu/NewQualtrics)

INTRODUCTION TO OFFICE OF RESEARCH SERVICES

September 16, 2016
260 Ramseier, 1:00PM

FINDING FUNDING OPPORTUNITIES: FEDERAL, STATE, INDUSTRY, FOUNDATION, AND OSU

October 21, 2016
038 Townshend Hall,
IPR Conference Room,
10:00AM

Registration details coming soon. If you would like to be added to our events mailing list, please contact Rebecca Chacko at chacko.9@osu.edu.

EHE CENTERS EXPO: PARTNERSHIPS, PROJECTS, PROGRAMS OPEN HOUSE AND RECEPTION

The EHE Office of Research hosted the second annual EHE Centers Expo on March 9, 2016, in the College Commons.

Over 80 people attended the expo and learned about the work of our college-based centers, networked with research staff and left armed with ideas for collaboration. Eight EHE centers were featured at the expo:



EHE Centers Expo. Photo courtesy of Rebecca Chacko.

The **Center on Education and Training for Employment (CETE)** (cete.osu.edu) focuses on project management and research administration and translating research to practice in the areas of standards, curriculum, assessment, program evaluation, and collaborative community problem solving. Robert Mahlman (mahlman.1@osu.edu), Director.

The **Crane Center for Early Childhood Research and Policy (CCEC)** (ccec.ehe.osu.edu) is dedicated to conducting high-quality, empirical research on how to improve children's learning and development in the home, the school and the community. Bobbie Bowling (bowling.18@osu.edu), Associate Director.

The **Dennis Learning Center (DLC)** (dennislearningcenter.osu.edu) provides students of all backgrounds with strategies for college success that will enable them to enter, excel in, and complete programs of postsecondary education. Christopher Wolters (wolters.21@osu.edu), Director.

The **International Data Evaluation Center (IDEC)** (idecweb.us) specializes in creating data systems that support large-scale data collection and training teachers how to use data. Jeffery Brymer-Bashore (brymerj@idecweb.us), Director.

The **Ohio Resource Center (ORC)** (ohiorc.org) is dedicated to being an innovative and positive change agent in education through the dissemination of resources, research and services in digital learning that are responsive to the needs of educators and students. Nicole Luthy (nluthy@ohiorc.org), Director.

The **Research Methodology Center (RMC)** (rmc.ehe.osu.edu) promotes the design and conduct of high-quality research by providing professional development and consulting in research methods. Ann O'Connell (oconnell.87@osu.edu), Director.

The **Schoenbaum Family Center (SFC)** (earlychildhood.ehe.osu.edu) is a network of community partners providing information on early childhood programming and family engagement. Bobbie Bowling (bowling.18@osu.edu), Associate Director.

The **Star House** (starhouse.ehe.osu.edu), the only drop-in center for homeless youth in central Ohio, helps transitional youth get connected and reconnected with the community. Natasha Slesnick (slesnick.5@osu.edu), Founder.

A huge thank-you to all who participated and attended this wonderful event!

Congratulations to our door prize winners: Beth Boettner, Blythe Boger, Sage Cangin, Monica Cox, Mine Dogucu, Kaitlyn Evans, Tim Graham, Marcie Kamb, Deborah Morbitt, Lauren Pace, Arnulfo Perez, Anastasia Snyder, Shaio-Chen Tsai, Ya-Li Wu, and Kirsten Wycuff. ♥

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