

OFFICE OF RESEARCH NEWSLETTER

FEATURED AWARD

THE KETO-CARE STUDY



The Volek Lab (Human Sciences), in collaboration with Ohio State colleagues Maryam Lustberg, MD, MPH (and the Breast Cancer group), and Michael Knopp, MD, PhD (Wright

Center of Innovation in Biomedical Imaging), were recently awarded \$651,396 from the Lotte & John Hecht Memorial Foundation to explore the effects of nutritional ketosis in women with metastatic breast cancer. Survivability of a late stage breast cancer diagnosis (stage 4) is approximately 20 percent. There currently exists a lack of consensus regarding optimal nutrition strategies for breast cancer survivors. underscoring the need for well-controlled dietary intervention studies investigating promising approaches.

For more than two decades Jeff Volek has been researching how a very lowcarbohydrate, moderate-protein, high-fat (ketogenic) diet impacts human health. The findings of dozens of experiments he has published show that ketogenic diets resulting in a state of nutritional ketosis uniquely benefit obesity, metabolic syndrome and type-2 diabetes. His group is now turning its attention toward cancer.

The project, entitled Ketogenic Diet and Chemotherapy to Affect Response to Breast Cancer Treatment (The KETO-CARE Study), will enroll women with a recent diagnosis of metastatic breast cancer. Utilizing their research kitchen, the Volek team will prepare

personalized ketogenic meals to the women for three months, followed by another three months of ketogenic eating on their own. The responses will be compared to a control group undergoing standard of care treatment. State-of-the-art PET/CT imaging will be used to assess tumor progression. Several other biologic and behavioral measures will be tracked, including a focus on immune responses in collaboration with Gerry Krystal at the University of British Columbia.

Parker Hyde, one of Volek's doctoral students, will coordinate the project. He recently published a review on the pleiotropic effects of nutritional ketosis on breast cancer (go.osu.edu/HydeReview). Teryn Sapper, MS, RD, and Anna Woodruff will oversee dietetic aspects, and Ryan Dickerson will manage immune assays and other biomarkers

This will be the first rigorously controlled study to examine the effects of nutritional ketosis in women with advanced breast cancer. According to Volek, "If our hypotheses are correct, we think many women will adapt favorably as evidenced by sustained nutrition ketosis, improvements in tumor response, metabolic and inflammatory/ immune status, body composition and measures of well-being. If that happens, we have an opportunity to make a giant leap forward in improving the lives of women with breast cancer."

For additional information about this project, contact Jeff Volek at volek.1@osu.edu.



A MESSAGE FROM OUR **ASSOCIATE DEAN**

Dear Colleagues,

I have been meeting with faculty, staff and students across our college since assuming my role as associate dean for research and administration on July 1, 2017. These meetings have underscored to me the reasons that we have chosen to be professors, students or staff in this college.

Many of us are driven by an internal passion to improve lives of children, families and adults in our communities. This passion propels us to do the hard work that sometimes goes unnoticed by others; or worse, we suffer barriers in our work because of supports that may or may not be in place. And yet, we continue to do the work because it is important to us. I feel immensely proud and humbled to be part of this greater whole of faculty, staff and students.

Over the next year, my goal, and that of the EHE Office of Research team, is to facilitate your work as best we can by easing barriers and increasing supports.



Natasha Slesnick Associate Dean for Research and Administration

NEW TOOLS

EHE PROPOSAL DEVELOPMENT WIKI

The EHE Office of Research has created a new wiki space for EHE faculty and researchers. The wiki provides information to support the development of proposals including examples of awarding-winning proposals, budgets and proposal templates. The wiki is located at qo.osu. edu/ProposalDevelopment (OSU login required). request access to the wiki, please contact Kim Lightle at lightle.16@osu.edu.

ONLINE LIBRARY OF FUNDING OPPORTUNITIES

Did you know that the EHE Office of Research has a collection of active funding opportunities which have been handpicked for faculty and researchers in EHE? Entries include opportunities from federal, state, foundation and OSU sponsors. Browse or search for opportunities by keyword as well as sponsor type, program type and topic. Opportunities are added to the online library as they are released by funding agencies so check back often! The funding opportunities library is located at go.osu.edu/fundingopps.

EHE OFFICE OF RESEARCH RESOURCES AND SERVICES

The EHE Office of Research offers many resources and services including proposal development, post-award support, programming and funding. Here is a quick breakdown of the services we provide and the resources available on our website.

EVENTS

rmc.ehe.osu.edu/events

We provide training opportunities throughout the year related to proposal development and grant administration. The EHE research calendar includes EHE training opportunities as well as those available from other colleges and offices. An archive of past training events can be found at our Professional Development Archive (ehe.osu.edu/research/professional-development).

FUNDING

go.osu.edu/EHEORfunding

We also administer programs that include dissertation fellowships and travel support for graduate students, postdoctoral researchers and faculty. We also have matching funds to support grant-funded student positions that are included in proposal submissions.

PROPOSAL DEVELOPMENT

go.osu.edu/preaward

We help principal investigators (faculty, staff and students) effectively navigate the processes for developing and submitting externally-funded projects. We provide an array of services depending on the particular requirements of the sponsor and the needs of principal investigator.

POST-AWARD SUPPORT

go.osu.edu/postaward

We support the administration of awards once they have been received including appointing personnel to a project, release time appointments, cost share, effort reporting, progress reports and project close-out.



Our website is full of helpful information --- but where is it? Where do you go to find the EHE Office of Research resources and services you need? Many of the resources you used to find on our website are now located on the

EHE Portal. All of the content you found on our website before is still available - you just need to log in to the portal to access it. Go to portal.ehe.osu.edu/research to find funding opportunities, grants and contract support, policies and more!

QUESTIONS? WE'VE GOT ANSWERS...

The EHE Office of Research staff are available to answer your questions and assist you with your research needs... but where do you start and who do you call? Use this handy guide as your guick, go-to resource! Tear out this page and post it somewhere so that the next time you have questions, you'll know who can help!

QUESTION?	CONTACT:	
Cost Share	Michael Moses	
Data Management Plans	Amanda Rinehart, OSU Libraries (rinehart.64@osu.edu)	
Foundations	Andrea Bowlin, Development (bowlin.6@osu.edu), Neal Kelley or Bing Tian	
Funding Opportunities	Kim Lightle/Natasha Slesnick	
Grant Writing Assistance	Kim Lightle/Natasha Slesnick	
Methodology Support – general, pre/post-award	Ann O'Connell, RMC (oconnell.87@osu.edu) Sandy Reed, RMC (reed.665@osu.edu)	
Pre-Award: Budgeting (for sponsored projects), Electronic Submissions (Cayuse, Grants.gov, Fastlane, etc.), Release Time	Neal Kelley/Bing Tian	
Post-Award: Effort Certification and DRDs, PI Portal, Post-Award (general inquiries), Progress Reports, Project Balances, Project Monitoring, Project Set Up	Michael Moses	
Requesting PI Status	Kim Lightle	
Support for GRAs in Sponsored Research	Neal Kelley/Bing Tian	
OTHER		
QUESTION?	CONTACT:	
Conflict of Interest (COI)	Ellen Patricia, Office of Responsible Research Practices (patricia.1@osu.edu)	
Contracts	Department fiscal officer	
Data Storage Solutions and Data Security	Joe Roush, EHE OIT (roush.155@osu.edu)	
Dissertation Fellowships	Kim Lightle	
International Partnerships, MOUs	Kerry Dixon, EHE International Affairs (dixon.480@osu.edu)	
Minor's Policy	Lindsay Bond, OHR (minorspolicy@osu.edu	
Qualtrics	Heather Lansky	
Research Compliance (human subjects, animal care and use, radioactive materials, biosafety)	Office of Responsible Research Practices (orrp.osu.edu)	
Research in Schools	Nicole Luthy (DICE)/Kim Lightle	
Research Plan/Methodology Assistance (i.e., power analysis, design)	Ann O'Connell, RMC (oconnell.87@osu.edu) Sandy Reed, RMC (reed.665@osu.edu)	
Space	Mark Taylor, EHE Facilities (taylor,1199@osu.edu)	
Travel Grants	Rebecca Chacko	

OUR STAFF... WHO WE ARE AND HOW TO REACH US

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Rebecca Chacko

Administrative Coordinator 153 Arps Hall chacko.9@osu.edu 614-247-2412

WELCOME NEW FACULTY

EHE ADDS EIGHT NEW FACULTY MEMBERS

EDUCATIONAL STUDIES



Graves

Associate Professor,
School Psychology
Previous Institution:
Duquesne University
Research Interests:

Urban education, strength-based assessment, early childhood development.

graves.388@osu.edu



MINJUNG KIM
Assistant Professor,
QREM

Previous Institution:University of Alabama

Research Interests:

Advanced quantitative methods including structural equation modeling and multilevel modeling. kim.7144@osu.edu



Jessica

Logan

JESSICA LOGAN
Assistant Professor,
QREM

Previous Institution:

The Ohio State University

Research Interests: Research design; longitudinal, latent and multilevel modeling; quantile regression. Examining children's cognitive development and its contributing contextual factors. logan.251@osu.edu

HUMAN SCIENCES



JULIE HILLERY
Associate Professor, Clinical
Faculty

Previous Institution:

University of New Mexico

Research Interests: Student

career/professional development, clothing and society, and consumer behavior.

hillery.7@osu.edu



Lower

LEEANN LOWER
Assistant Professor, Sports
Management

Previous Institution:Ball State University

Research Interests:

Organizational effectiveness of sport programs; mechanisms of participant development within collegiate recreation and youth sport; legal issues in sport management.

lower.34@osu.edu



ERIC PORFELI
Chair, Human Sciences;
Professor, Sports
Management

eli Previous Institution:

Northeast Ohio Medical

University

Research Interests: Lifespan career development; career assessment/ psychometrics; community engagement. porfeli.1@osu.edu

TEACHING AND LEARNING



PETER SAYER
Associate Professor,
Language Education
Studies

Peter Sayer

Previous Institution:

University of Texas at San

Antonio

Research Interests: Language learning and teaching of emergent bilinguals in Mexico and the U.S.; educational sociolinguistics, language policy, Spanish-English bilingualism.

sayer.32@osu.edu



Smith

MANDY SMITH
Assistant Professor, Science
Education

Previous Institution: Capital University

Research Interests:

Conceptual change theory, promoting science content understanding in Pre-K-16 classrooms, science methods courses and best science practices in linguistically diverse classrooms/ contexts.

smith.7810@osu.edu

OR

WHAT'S YOUR ORCID? DISTINGUISH YOURSELF IN THREE EASY STEPS

ORCID provides a persistent digital identifier that distinguishes you from every other researcher and, through integration in key research workflows such as manuscript and grant submission, supports automated linkages between you and your professional activities ensuring that your work is recognized. To learn more about ORCiD, visit orcid.org.



2

ADD YOUR INFO

Enhance your ORCID record with your professional information and link to your other identifiers (such as Scopus or ResearcherID or LinkedIn).



Webpage, when you submit publications, apply for grants, and in any research workflow to ensure you get credit for your work.





Since we opened our doors in 2015, EHE's Research Methodology Center (RMC) has provided consulting services on a broad variety of issues related to research

methodology. Through our work we have found that grant-writing clients face special challenges, including tight timeframes, budget constraints and pressure to use rigorous and innovative methods in sampling, recruitment, intervention, fidelity, data collection/management and analysis.

Time seems always to be in short supply for those preparing proposals. In some cases, funders announce funding opportunities shortly before the due date and don't leave investigators much time to develop their proposals. In other cases, clients spend a great deal of time working through the background and significance of their proposal before getting started on the research plan. In some ways, this makes sense because we all know the importance of the impact and significance sections for any proposal.

Blair Johnson, professor of psychology from the University of Connecticut, cautions researchers against regarding the research plan as an afterthought in the grant-writing process (Johnson, nd). Johnson emphasizes that a rigorous, well-written methods section can inspire confidence in those who review your

proposal. Conversely, a poorly written research plan can cast doubts on the researcher's ability to successfully conduct the proposed project.

So when should you contact the RMC to get started on your research plan? Ann O'Connell, director of the RMC, suggests that you get in touch with a consultant early and often throughout the process She states, "Regular of grant-writing. and iterative review of the flow of your proposal, from specific aims/goals through approach/methods is the ideal way to ensure that your final proposal is strong and compelling when it is submitted."

What can the RMC do to help? Beginning this semester, the RMC will offer Grants-Only Consulting sessions beginning on Tuesday, September 19, from 1:00 - 3:00PM in 136 Ramseyer. These two-hour sessions are open to graduate students and faculty who are currently working on a grant proposal. The focus of the sessions will be to meet you where you are in the process of writing your research plan, and provide resources and consultation to help you keep moving in the process.

Contact us at rmc@osu.edu with questions, comments or suggestions.

References:

Johnson, B. A. (n.d.). Approach-Methods: Not just an afterthought. Retrieved from go.osu.edu/Approach-Methods.

RMC MISSION

The RMC's mission is to support and advance the design and conduct of high-quality research in education and human ecology by building EHE capacity for innovative and rigorous research methodologies.

RMC Grants-based Services

Whether you are an experienced grant writer or a beginner, the RMC has services that are designed to help you be a successful investigator.

Fall 2017 Open Consulting Hours Wednesdays from 1:00PM - 3:00PM For location each week check the RMC website's Consulting Page.

Fall 2017 Grants-Only Consulting Hours

Every other Tuesday (see dates below) 1:00PM - 3:00PM, 136 Ramseyer

Tuesday, October 3 Tuesday, October 31 Tuesday, November 14 Tuesday, November 28

Fall 2017 Individual Consulting

By appointment. Send us an email with the word "Consulting" in the subject line. Tell us about your question, and we will contact you to discuss an appointment.

RMC Affiliates

Are you a faculty member or researcher with an interest in methodology? The RMC is looking for new affiliates who would like to participate in RMC workshops, panel discussions, website development and consulting activities. For more information, see the Affiliates page on our website

Already an Affiliate?

The RMC would like share information about your current research, grant activities, publications, presentations and accomplishments. Please contact us for more details.

> CONTACT US Research Methodology Center 173 Arps Hall rmc@osu.edu rmc.ehe.osu.edu

TRAVEL AWARDS

The following individuals received EHE Office of Research Travel Awards March 2017 - June 2017.

GRADUATE STUDENT TRAVEL

Educational Studies

Nivedita Bhaktha Corinne Gist Nathan Hawk Kristin Henkaline Lin Lu Michael Nelson Narmada Paul Elle Smith James Uanhoro Menglin Xu

Human Sciences

John Paul Anders
Mark Beattie
Matthew Beeler
James Evans
Kelsey Higginson
Joshua Kim
Richard Lafountain
Jin-Kyung Lee
Holly Paden
Daniel Wray

Teaching and Learning

Megan Brown
Leiah Groom
Jane Mburu
Cathy Mehl
Firman Parlindungan
Gatot Prasetyo
Christine Stamper
Xiangquan Yao

POSTDOCTORAL RESEARCHER TRAVEL

Anna Drogalis Carolyn Kaplan Wanchanit Vongkulluksn Xi Zhan

FACULTY INTERNATIONAL TRAVEL

Ana-Paula Correia Brian Edminston Anastasia Snyder Brian Turner Ian Wilkinson

All EHE Office of Research travel grant applications are accepted at any time during the year and must be submitted PRIOR to travel.



go.osu.edu/GradTravel go.osu.edu/PostDocTravel go.osu.edu/FacultyTravel

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

Scott Dueker Narmada Paul

Human Sciences

Vanja Bogicevic Will DuPont Ciaran Fairman Laura Hopkins Seulki Ku Joshua McDonald Deena Snoke

Teaching and Learning

Min Young Kim

UNIVERSITY FELLOWSHIP AWARDEES

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

Educational Studies

EnJoli Alexander, University of Hawaii

Tyler Hallmark, University of Pennsylvania

Bushra Ismail, The Ohio State University

Alexandros Nikolaidis, Teacher's College of Columbia University

Jessica Rivera, University of Wisconsin

Spencer Smith, Ohio University

Human Sciences

Hiu Ming Chan, Cambridge University

Sunwoo Lee, Seoul National University

Teaching and Learning

Emily Dennett, University of Massachusetts

Jue Yeon Kim, Calvin College

Crystal Martin, The Ohio State
University

Lindsey Rowe, Lipscomb University



Alison Koenka

KOENKA RECEIVES APA OUTSTANDING DISSERTATION AWARD

Alison Koenka, Educational Studies, was honored with the Paul R. Pintrich Outstanding Dissertation Award. This award is given by the American Psychological Association's (APA) educational psychology division (Division 15) to one recent PhD graduate

per year who has recently (within the last two years) completed a dissertation in the field of educational psychology. As the award recipient, Koenka received a plaque, \$500 and will give an invited keynote address at the APA convention in August 2018. Additional information about the award can be found at apadiv15.org/awards/pintrich-award.

NEW RESEARCH AWARDS

Faculty and staff in the college received 12 new awards between March 1, 2017 and June 30, 2017. The anticipated total award amount for all 12 awards is \$1,254,891. Pls from EHE are in bold. For additional information on these and previous awards, go to u.osu.edu/eheresearchawards.

PI/Co-I	Department	Sponsor Name
Martha Belury; Rebecca Andridge	Human Sciences	National Cattleman's Beef Association
Jaclyn Dynia; Jessica Logan	CCEC	Columbus Metropolitan Library
Jaclyn Dynia; Mihaiela Gugiu	CCEC	Summit County Educational Service Center
Xin Feng; Jodi Ford; Jen Wong	Human Sciences	Health Resources & Services Administration
David Julian; Robert Mahlman	CETE	Makah Tribe
Laura Justice; Sherine Tambyraja	CCEC	Mahoning County Educational Service Center
Alison Koenka	Educational Studies	American Psychological Association
Helen Malone	Educational Studies	Autism Speaks
William Kraemer; Ali Rezai	Human Sciences	University of Cincinnati
Anne-Marie Nunez	Educational Studies	NSF Education & Human Resources
Patricia Scharer	Teaching and Learning	American Institutes for Research
Jeff Volek; Maryam Lustberg; Michael Knopp; Rebecca Andridge	Human Sciences	Hecht (Lottie & John) Memorial Foundation

*When the PI is not from EHE, the EHE Co-I is bolded and the Co-I's department is listed.



TURNER HONORED BY SPORT MANAGEMENT SOCIETY

Brian Turner, associate professor of sport management, was presented with the Distinguished Sport Management Educator Award by the American Society for Sport Management on June 3.

Turner is known by his students and faculty colleagues alike for his unwavering commitment to student learning at all levels. "He is a 'student' of teaching," wrote nominator, former colleague and alumna Janet Fink, the Mark McCormack Professor of Sport Management at the University of Massachusetts.

All of Turner's nominators emphasized that his student evaluation scores are consistently among the highest possible. This is because, as Donna Pastore, professor of kinesiology in EHE wrote, "He has the unusual ability to motivate his students and establish positive rapport through his instruction." For additional information, go to go.osu.edu/Turner.

MOORE RECEIVES TWO AWARDS FROM AERA



American Educational Research Association (AERA) announced the winners of its 2017 awards for excellence education research. Among those honored

was James L. Moore III, Executive Director of the Todd Anthony Bell National Resource Center on the African American Male and Education and Human Ecology Distinguished Professor of Urban Education at The Ohio State University.

Multicultural/Multiethnic Education Special Interest Group of AERA also selected Moore as the 2017 recipient of the Dr. Carlos J. Vallejo Memorial Award for Lifetime Scholarship. This award is given annually to one scholar/practitioner based upon the following criteria: illustrated effort in producing scholarship that advances multicultural and multiethnic education (broadly defined) within all educational, cultural, societal and social settings, and contexts, levels and locations; and a demonstrated commitment to underserved communities beyond scholarship with evidence of improving the practical conditions experienced by multicultural/ multiethnic communities.

AERA honored Moore during the AERA Annual Meeting on April 29 in San Antonio, Texas.

For additional information, go to go.osu.edu/MooreAERA.

UPCOMING EVENTS

QUALTRICS CORNER: SURVEY FLOW PART II WEBINAR

> Monday, October 2 11:30AM - 12:00PM

CAYUSE 101 WEBINAR

Monday, October 9 11:30AM - 12:00PM

INTRO TO SECONDARY DATA

Thursday, October 19 10:00AM - 11:30AM Research Commons 18th Ave. Library, 3rd Floor

EFFORT REPORTING WEBINAR

Monday, October 30 11:30AM - 12:00PM

Find additional events and register for our workshops/webinars on our events calendar:

go.osu.edu/ResearchEvents

SAVE THE DATE!!!

7th Annual **EHE Student Research Forum** Friday, February 23, 2018 Ohio Union, 3rd Floor

For more information, including past forums go to

u.osu.edu/ehestudentresearch

For email updates, go to go.osu.edu/2018ForumInfo

EDITORS

Assistant Dean 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 in 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. Access all of the human subjects research resources at orrp.osu.edu/irb.

A new Collaborative Institutional Training Initiative (CITI) course is now available for social and behavioral sciences researchers engaged in clinical trials of drugs, devices, biologics and/or behavioral interventions. To access CITI, log on at go.osu.edu/citi and click on Main Menu. To enroll in the course, click on Add a Course and then check the box for Good Clinical Practices for Social and Behavioral Researchers. For guestions, please contact Ellen Patricia at patricia.1@osu.edu.

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.

Personalized consultations are available to review requirements for specific projects. Weekly office hours are held in the 18th Avenue Library (175 West 18th Avenue) Research Commons on the third floor. Call 614-292-8412 to schedule an appointment. Office hours are held on Tuesday 9-11am, Wednesday 1-3pm, and Thursday 9-11am.

Classroom presentations are also available for either a general Institutional Review Board (IRB) overview or for information on specific topics. Please contact Joni Barnard at 614-688-3405 or barnard.15@osu.edu to schedule a visit.

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.

EVALUATION SERVICES WITHIN REACH

The CETE Results Management Team (RMT) in the College of Education and Human Ecology provides a range of evaluation services for Ohio State faculty and organizations outside the university.



Comprised of six staff within EHE's Center on Education and Training for Employment (CETE), the Results Management Team has over 70 years of combined evaluation and research experience. Since 2002, RMT has designed and implemented a variety of evaluation projects worth over \$11 million. RMT recently completed a multiyear randomized controlled trial evaluation of OhioMeansJobs.com with the Ohio Department of Jobs and Family Services.

From logic model development to outcomes definition to the implementation of formal studies, RMT staff members have a wide array of skills and knowledge to support evaluation within Ohio State and beyond. If you are looking for an evaluator for funded research, email or call David Julian at results@osu.edu; 614-292-5046. For examples of current and past RMT projects, visit u.osu.edu/evaluation.