

How EHE Researchers Enhance the Lives of Children & Adolescents

Many researchers in EHE directly impact the lives of children and adolescents who are at-risk or have disabilities. We are pleased to showcase three of these faculty members doing work in this important area of scholarship.

Virtual Laboratory School Enhances Early Childhood Education

**Buettner**

Cynthia Buettner, Assistant Professor in the Department of Human Development and Family Science, and her project team are developing an online training system that will serve the professional development needs of more than 20,000 teachers, trainers, and administrators who work in military child care and education centers. The research-based curriculum of the Virtual Lab School (VLS) is designed to empower professionals to build their knowledge and skills around best practices in childcare and youth development. Supported by a rich repository of professional development videos and instructional materials, the VLS offers the experience of a traditional lab school in an easy-to-navigate online environment. The videos and other materials highlight developmentally appropriate practices for children and youth, which greatly enhance knowledge transfer. Buettner said, "The VLS offers great potential for making a significant difference in the education of military dependent children." The multi-year funding for the virtual laboratory school is provided by the U.S. Department of Defense in partnership with the National Institute for Food and Agriculture as part of the Obama administration's focus on military families. Once launched, the VLS will also be available to the public through the land grant university system.

"When available, observation of childhood behaviors in lab school settings is often used to instruct child development educators, but in typical real time observations, the full spectrum of behavioral and learning situations does not occur," Buettner stated. Her project catalogs broad ranges of behaviors and learning in an online database that enhances the user's ability to quickly find and easily understand the concepts and practices these educators and administrators need. Subject areas included in the online training are tied to the core early childhood competencies. Future project enhancements include learning community features as well as special education coaching. Ultimately, the further expansion of this program to include the general educational community could have a significant impact on our educational system.

As a by-product of the research, a software program that allows researchers to easily code and tag video has been developed.

Enhancing Children's Lives with Physical Activity

**Porretta**

For David Porretta, Professor of Physical Activity and Educational Services, enhancing the quality of life through physical activity for children and adolescents with intellectual limitations continues to be the primary theme of his research. He was recently honored for his long-term commitment and success in the field by being selected as a Fellow by the International Federation of Adapted Physical Activity at its 2011 International Symposium in Paris.

Porretta recently attended a conference that brought together researchers in the fields of adapted physical activity, obesity, nutrition, and psychology to collaborate on developing proposals for future NIH funding. He has found that collaborations that concentrate on children's health and physical activity issues are a growing area for research dollars.

A recent study by Carlos Cervantes, one of his doctoral students, demonstrated how interventions based on social cognitive theory increased physical activity levels in after-school programs for adolescents who are blind. This leisure time program had children discussing the importance and benefits of, as well as participating in, a variety of physical activities. The study established that the children were able to improve and modestly maintain physical activity. He added that future studies to determine how best to maintain and to generalize those programs are needed. "People are people. Sometimes we focus too much on the differences."

Professor Porretta has a successful record in obtaining U.S. Department of Education grants to train graduate students to work with children and adolescents with disabilities. His funding has supported 55 master's-level students in adapted physical education, of which five have continued their education to receive PhDs. In addition, he has received funding to support

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an additional 14 doctoral students. "What I am proud of over the years is that I have acquired training awards to fund graduate students who have become successful teachers and professors," said Porretta.

Nutrition Practices Help Ohio Families

Joyce McDowell, Associate Professor of Human Nutrition, has provided leadership and oversight to the federally funded Ohio Family Nutrition Program (FNP) and the Ohio Expanded Food and Nutrition Education Program (EFNEP) for the past 7 years. The primary goal of these programs is to teach nutrition, food safety and thrifty food shopping each year to thousands of Ohio families with limited incomes. McDowell shared that one of the most satisfying parts of her job is hearing a fifth grader report, "I am trying to eat more vegetables. Broccoli is not that bad!"

Last year, EFNEP graduated 3,474 low-income adults with children from its eight-week program. Participating families learned how to select and prepare more nutritious foods and practice food safety. They also learned to better manage their food budgets and resources, including food stamps.

The importance of Ohio families having adequate food to eat every day of each month for health and wellness should not be underestimated. To achieve this goal, families must prepare many of their meals at home, cook using basic ingredients and consume everything, including leftovers. Evaluation data indicate encouraging results: 40 percent of participating EFNEP families ran out of food less often during the month, 83 percent felt they improved their management of food resources and 64 percent of families improved food safety practices. In addition,



McDowell

57 percent of participants increased their knowledge of nutrition, 34 percent increased the variety of foods consumed and 39 percent increased their ability to select low-cost nutritious foods.

One teacher reported that she could see the changes in the participants who attended the classes each week. "Participants improved their ability to read nutrition labels, made better food choices and tried new foods," she said.

McDowell reports that the benefits of participation in EFNEP appear to be associated with improved health. For example, one woman who participated in the program lost 18 pounds by making small, simple changes in her lifestyle. Her recent blood work was improved to such a degree that she is not likely to need her diabetes medication. She and her daughter reinforce one another to maintain these positive dietary and lifestyle changes.

Also important, the FY2011 (October 2010 to September 2011) evaluation of the participants in the Ohio EFNEP program showed that 96.5 percent of graduates reported food intakes that were nearer to the recommended amounts for their age, sex and level of physical activity. "Participants in the programs feel more in control of their health because they have learned which foods to increase and which ones to decrease," McDowell said.

(McDowell plans to retire in the fall. The contributions that she has made throughout her years of service cannot be emphasized enough. Her hard work and dedication to improving the lives of low-income families over so many years are remarkable. Her leadership, like ripples on water, has enhanced the lives of so many others that it is impossible to quantify. Those of us who had the privilege of working closely with her will greatly miss her. Her legacy will remain in the lives of those she has touched and, subsequently, be passed on to those with whom they come in contact. We are grateful for her state and national leadership of facilitating better nutrition for generations of families.)

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Welcome, Carla Allen, to the EHE Office of Research



Allen

Carla Allen joined the EHE Office of Research on March 1 as administrative coordinator. She has 10 years of experience at Ohio State, including six years in the office of the Vice President of Research. Carla received her BS from our college and has fond memories of classes in Campbell Hall. Both of her daughters are also graduates of Ohio State. Associate Dean for Research Mark Failla shared, "The college, and our office in particular, is very fortunate to have Carla as a member of the team. Carla brings her extensive experience in research administration to our faculty, research staff, and graduate students." Be sure to stop by 150 Arps Hall and welcome Carla to the college.

Meeting the Challenge of Students' Education in a Rapidly Changing World

The new Ohio Education Research Center (OERC) was recently established at Ohio State to help Ohio educators at all levels meet challenges created by a rapidly changing world economy. Funding of \$3.8 million was provided by the Ohio Department of Education under the state's Federal Race to the Top grant and the Ohio Board of Regents. Directed by Joshua D. Hawley, Associate Professor of Workforce Development and Education, Physical Activity and Educational Services, the center will provide Ohio teachers, administrators and professors with analysis of educational research and policy.



Hawley

The Ohio State center's partners include the University of Cincinnati, Miami University, Ohio University, Case Western Reserve University, Wright State University, Battelle Memorial Institute, Battelle for Kids, Community Research Partners and the Strategic Research Group.

The center also will become a repository of best practices, much like the federal What Works Clearinghouse, which reviews high-quality research so educators can make policy decisions based on evidence. "We will translate research into effective programs that meet the needs of school districts and higher education institutions," Hawley said. "For instance, researchers may study how best to prepare high school students for college, eliminating the need for remedial classes."

The OERC will collaborate with partners from higher education, business and nonprofit research to facilitate information exchange and professional development that will have a lasting impact on success in the classroom.

The Ohio State team also includes senior faculty members Randall J. Olsen, Professor of Economics and Director of the Center for Human Resource Research, and Ann A. O'Connell, Professor of Quantitative Research, Evaluation and Measurement in EHE.

Prestigious University and College Awards



Schoppe-Sullivan

Sarah Schoppe-Sullivan, Associate Professor, Human Development and Family Science, was awarded the Alumni Award for Distinguished Teaching, Ohio State's highest teaching honor. It recognizes her talent for integrating research into her teaching and communicating the fascinating interactions between couples that influence their children. She also provides a high level

of hands-on research experience for students who study with her. The award includes induction into the University's Academy of Teaching and both a \$3,000 honorarium and a \$1,200 annual salary increase.



Bloome

David Bloome, Professor of Teaching and Learning, has been named the EHE Distinguished Professor of Teaching and Learning. The position was made possible, in part, by a gift from Professor Emeritus Johanna DeStefano. Bloome and his colleagues focus on showing teachers how to create educational opportunities that simultaneously support academic

learning and provide access to the richness of children's own cultures, languages and communities. He will use DeStefano's gift over five years to support the Center for Video Ethnography and Discourse Analysis, graduate students doing their research with him, and collaborative research and service projects with community organizations and local schools.

EHE Welcomes Jane Wiechel

Jane Wiechel, an Ohio State alumna with a strong profile of experience in both policy and practice in early childhood education, has joined the Schoenbaum Family Center at Weinland Park as Executive Director.

"We are pleased to have found an executive director with such a stellar history," said Dean Cheryl Achterberg. "Dr. Wiechel's experience with the Ohio Department of Education and as a national leader in early childhood education cannot be matched. She also is knowledgeable about the Schoenbaum Center, having reviewed its programs and mission last year as a consultant."

As Associate Superintendent at the Ohio Department of Education from 2001-2011, Dr. Wiechel organized and managed

the 50-member policy group that designed and implemented the system for school readiness. Dr. Wiechel graduated from Ohio State with a PhD in Education and Special Education and taught in Ohio before joining ODE.

The A. Sophie Rogers Laboratory School at the Schoenbaum Center builds on a rich heritage of research about the care for young children that began in 1924. Teaching and learning in the laboratory school combine with research conducted at the center to guide early childhood education, family support, and contributions to community development in the economically challenged Weinland Park neighborhood.

Faculty Awards Remain High

EHE received 45 new grants during the period from November 2011 through March 2012. Congratulations to the following investigators and their research teams on obtaining external support of their research programs.

P I & Team	Unit	Title	Sponsor Name
Belury, Martha; Fristad, Mary; Arnold, Eugene	HN	<i>Omega-3 fatty acids and psychoeducational psychotherapy for childhood depression</i>	National Institute of Mental Health
Belury, Martha; Kiecolt-Glaser, Janice; Alfano, Batherine; Bekaii-Saab, Tanios; Glasser, M.; Lemeshow, Stanley; Paskett, Electra; Shapiro, Charles	HN	<i>Fatigue, depression, and inflammation in cancer survivors: A prospective study</i>	National Cancer Institute
Bomser, Joshua; Chitchumroonchokchai, Chureeporn; Failla, Mark	HN	<i>Anti-inflammatory and antioxidant properties of XYZ peptides in human intestinal - Caco2 cells</i>	Mead Johnson Nutrition
Brosnan, Patricia; Erchick, Diana; Manouchehri, Azita	T&L	<i>Mathematics coaching program: Year 7</i>	OH Department of Education
Buckworth, Janet; Paskett, Electra; Katz, Mira; Raup Krieger, Janice	PAES	<i>Appalachia community cancer network II - Centers for reducing cancer disparities (U54 prime)</i>	University of Kentucky
Clinton, Steven; Klein, Russell	HN	<i>Tomatoes, lycopene and prostate carcinogenesis in mice</i>	University of Illinois
DiSilvestro, Robert; Olivo-Marston, Susan	HN	<i>Gamma linoleic acid-rich oil: Effects on BMR and other processes relevant to weight control</i>	Standard Process Inc.
Failla, Mark; Chitchumroonchokchai, Chureeporn	HN	<i>Comparing stability, uptake and transport of CoQ10 and Kaneka QH using Caco-2 human intestinal cells</i>	Kaneka Nutrients L.P.
Failla, Mark; Chitchumroonchokchai, Chureeporn	HN	<i>Impact of astaxanthin ("ast") on bioaccessibility of carotenoids</i>	Procter & Gamble Company
Failla, Mark; Kaletunc, Gonul; Giusti, M. Monica; Hansford, Derek	HN	<i>Enhanced stability and targeted delivery of microencapsulated anthocyanins for improved food quality and human health</i>	National Institute of Food & Agriculture
Gimbert, Belinda; Parker, Rebecca	EDP&L	<i>Project KNOTtT 3.0: Mobilizing national educator talent</i>	US Department of Education
Gordon, Steven	T&L	<i>XSEDE: eXtreme science and engineering discovery environment</i>	University of Illinois
Gunther, Carolyn; Kennel, Julie	HN	<i>Determining the impact of milk vending purchases on milk and calcium intake in college students</i>	American Dairy Association Mideast
Harrison, Earl; Curley, Robert; Schwartz, Steven	HN	<i>Cleavage products of dietary carotenoids: Occurrence and nutritional function</i>	National Heart, Lung, and Blood Inst
Hawley, Josh; Olsen, Randall; O'Connell, Ann	PAES, EDP&L	<i>Ohio Education Research Center</i>	OH Department of Education
Jin, Hui	T&L	<i>Learning progression for carbon-transforming processes</i>	Michigan State University
Kennel, Julie; Gunther, Carolyn; Kaye, Gail	HN	<i>Healthy cycle menu project</i>	OH Department of Education
Kinloch, Valerie; Stroot, Sandra	T&L	<i>Bringing learning to life</i>	National Education Association
Lightle, Kimberly	T&L	<i>Repositioning NSDL for the next generation of digital learning</i>	Univ Corp for Atmospheric Res
Lepicki, Traci; Ranbom, Lorin; Stein, David; Tanenbaum, Sandra; Tasse, Marc; Zirkle, Christopher	CSNP; PAES	<i>Long-term direct care workforce project</i>	OH Department of Job and Family Services
Loadman, William	EDP&L	<i>Reader training and proposal scoring/calibration for eTech Ohio</i>	eTech Ohio
Loibl, Caezilia	CS	<i>Hardest hit fund program</i>	OH Housing Finance Agency
Loibl, Caezila; Moulton, Stephanie; Seligman, Jason	CS	<i>Aging in place: Analyzing the use of reverse mortgages to preserve independent living</i>	The John D. & Catherine T. MacArthur Foundation
Luthy, Nicole	ORC	<i>(ARRA) Subcontract from Battelle for Kids, Ohio formative instruction project</i>	Battelle for Kids
Luthy, Nicole	ORC	<i>Resources for early childhood (REC) FY 2012</i>	OH Department of Education

P I & Team	Unit	Title	Sponsor Name
Mahlman, Robert; Lepicki, Traci	CETE	<i>ESOL healthcare charts and pilot report</i>	OH Board of Regents
Mahlman, Robert; Lepicki, Traci	CETE	<i>ABLELink online conversion, phase 2</i>	Kent State University
Mahlman, Robert; Lepicki, Traci	CETE	<i>Developmental education initiative (DEI) partnership study</i>	OH Board of Regents
Mahlman, Robert; Lepicki, Traci	CETE	<i>CTE career field technical content standards 2012</i>	OH Department of Education
Moore, James; Dollarhide, Colette	PAES	<i>Student success centers</i>	AT&T Foundation
Morgan, Sheila; Hessler, Theresa; Konrad, Moira	PAES	<i>Teacher Prep - IS-HQT, year 2: Implementation and sustainability</i>	OH Department of Education
Neef, Nancy; Gardner, Ralph, III	PAES	<i>Preparing higher education faculty in urban special education</i>	US Office of Special Education Programs
Petrill, Stephen	HDFS	<i>Genetics of mathematical cognition and disabilities</i>	National Institute of Child Health and Human Development
Scharff, Robert	CS	<i>An integrated approach to enhance the microbial safety of fresh-cut fruit and vegetable products during processing, packaging, and retail distribution</i>	Michigan State University
Schoppe-Sullivan, Sarah	HDFS	<i>CAREER: Maternal gatekeeping and fathering behavior across the transition to parenthood</i>	NSF Behavioral and Cognitive Sciences
Stroot, Sandra; Gimbert, Belinda; Katz, Laurie; Seidl, Barbara; Sykes, Dennis	EHE Admin; EDP&L; T&L; CSNP	<i>ASPIRE-OHIO: Apprenticeships supported by partnerships for innovation and reform in education</i>	US Department of Education
Swain, Carmen; Onate, James	PAES	<i>A developmental study: Personalizing exercise prescription in the primary care setting</i>	Wallace Research Foundation
Sykes, Dennis	CSNP	<i>Support for Head Start knowledge and information management services activities</i>	Trans-Management Systems Corporation
Sykes, Dennis	CSNP	<i>Parent information network (FY12-FY13)</i>	OH Department of Education
Sykes, Dennis	CSNP	<i>English language learner modules</i>	OH Department of Education
Sykes, Dennis	CSNP	<i>Webinar guidance for state support teams (SST)</i>	OH Department of Education
Wiechel, Jane	EHE Admin	<i>Child and adult care food program- FY12</i>	OH Department of Education
Wilkinson, Deanna	HDFS	<i>Antigun initiative</i>	Office of Criminal Justice Services
Wilkinson, Deanna	HDFS	<i>CeaseFire community mobilization</i>	Office of Criminal Justice Services

Faculty International Research Travel Grant

The EHE Office of Research continues to support EHE faculty to travel internationally to present their research and seek collaboration in a global context. A maximum matching support of \$500 per grant is awarded on a competitive basis to faculty members who travel internationally to present at professional meetings. One faculty member received \$500 in the most recent competitive round of awards.

The next deadline for the grant application is November 15, 2012, for travel between January and June 2013.

Faculty Name	Academic Unit	Conference Name, Country	Title of Presentation
Valerie Kinloch	T&L	American Educational Research Association, Canada, April 2012	1. <i>Place and Race in Literacy Research: Methods and Politics in Process</i> 2. <i>The Space Between...Humanizing Research</i>

Visit: <http://ehe.osu.edu/research/internal-funding.php> for details about these funding opportunities.

Beyond the Oval

Belury recognized as AAAS Fellow



Belury

Martha Belury, the Carol S. Kennedy Professor of Human Nutrition and Associate Adjunct Professor of Endocrinology in the College of Medicine and Adjunct Professor of Environmental Health in the College of Public Health, was named a Fellow of the American Association for the Advancement of Science (AAAS) for explaining how cellular activities of dietary compounds influence metabolism, inflammation and carcinogenesis. Belury was honored at the AAAS annual meeting on February 2012, in Vancouver, British Columbia. A recent study by Belury and her colleagues found that healthy young medical students who consumed fish oil supplements reduced both their inflammation and anxiety. The findings suggest that if young people can get such improvements from a specific dietary supplement, that such benefits are feasible for the elderly and people at high risk for certain diseases.

Kinloch receives AERA Book of the Year Award



Kinloch

Harlem On Our Minds: Place, Race and the Literacies of Urban Youth, by Valerie Kinloch, Associate Professor of Literacy Studies, Teaching and Learning, received the 2012 Outstanding Book of the Year Award from the American Educational Research Association (AERA). Kinloch was honored in April at the AERA annual meeting in Vancouver, British Columbia. Jabari Mahiri, UC Berkeley Graduate School of Education, wrote, "One of the many attributes of this book is the wide range of voices, perspectives, and literacy practices that are brought together to illuminate conditions of living and learning at the intersection of race and place....Harlem is in focus in this book, but it is merely a placeholder for similar activities taking place across the United States."

NAS invites Wilkinson to violence forum



Wilkinson

Deanna Wilkinson, Associate Professor of Human Development and Family Science, has been invited to present her work at the National Academy of Sciences (NAS) Institute of Medicine conference, "The Contagion of Violence," in Washington, D.C. The Forum on Global Violence Prevention brings together experts on protective and risk factors and encourages evidence-based prevention efforts. Youth violence is spatially concentrated and has damaging effects on quality of life, mental health, physical health, educational

outcomes, labor markets, fear of victimization and healthy development. Focused intervention to cool violent hot spots holds promise for reversing the negative impact of the dangerous ecological contexts in which the children of the urban poor are raised. Youth violence is a serious public health problem.

ODE honors Katz



Katz

Laurie Katz, Associate Professor, Teaching and Learning, has been awarded the Irene Bandy-Hedden Award for Pedagogical Leadership in Early Childhood Education from the Ohio Department of Education (ODE). The award honors individuals who support the well-being of children through leadership, innovation, accountability and excellence in the field of early childhood education and care. One key issue that she has been addressing in teacher education programs is how early childhood curriculum and instruction can be conceptualized to incorporate the broad diversity of children (birth-8 years of age), including children from linguistic minority communities and children with disabilities.

Sutherland receives AAHPERD's Nash Scholar Award



Sutherland

Sue Sutherland, Assistant Professor, Physical Activity and Educational Services, received the 2012 J.B. Nash Scholar Award from the American Alliance for Health, Physical Education, Recreation and Dance in March in Boston. Among the most prestigious awards in the parks and recreation profession, it honors and encourages outstanding leadership in research and scholarship in recreation and leisure. She presented the lecture, "Teachable Moments through Adventure-Based Learning."

Dollarhide wins ACES Award



Dollarhide

An article co-authored by Colette Dollarhide, a senior lecturer in Counselor Education, Physical Activity and Educational Services, has been selected by the Association for Counselor Education and Supervision (ACES) for its 2011 Publication in Counselor Education and Supervision Award. Dollarhide and co-authors Donna Gibson and Julie Moss, University of South Carolina, will be honored for "Professional Identity Development: A Grounded Theory of Transformational Tasks of New Counselors."

Ward joins editors of research journal



Ward

Phillip Ward, Professor of Physical Education, Physical Activity and Educational Services, has been appointed as an associate editor of the premier research journal *Research Quarterly for Exercise and Sport*. He will serve a three-year term. His current research includes studying how pedagogical content knowledge strengthens teacher professional development and, in turn, student learning.

Nehm appointed to JSTE editorial review board



Nehm

Ross Nehm, Associate Professor, Teaching and Learning, was recently appointed to the *Journal of Science Teacher Education* (JSTE) editorial review board. JSTE is the official publication of the Association for Science Teacher Education. ASTE is a nonprofit, professional organization composed of more than 800 members from around the globe. Nehm's science learning research has addressed: scientific thinking and problem solving; knowledge measurement and assessment; science misconceptions and conceptual change; multicultural science education; science textbooks and knowledge representation; and evolution education.

Loibl, Hanna lend expertise to Journal of Consumer Affairs



Loibl

Caezilia Loibl, Assistant Professor and State Extension Specialist, Consumer Sciences, has been appointed to the editorial board of the *Journal of Consumer Affairs*. Her current interest is in household financial behaviors, savings behavior and financial education.



Hanna

Sherman Hanna, Professor of Consumer Sciences, was appointed to the advisory board for the *Journal of Consumer Affairs*. Advisory board members are eminent senior scholars and former editors who served on the American Council of Consumer Interests and the journal.

Strayhorn invited to CNSF Exhibition

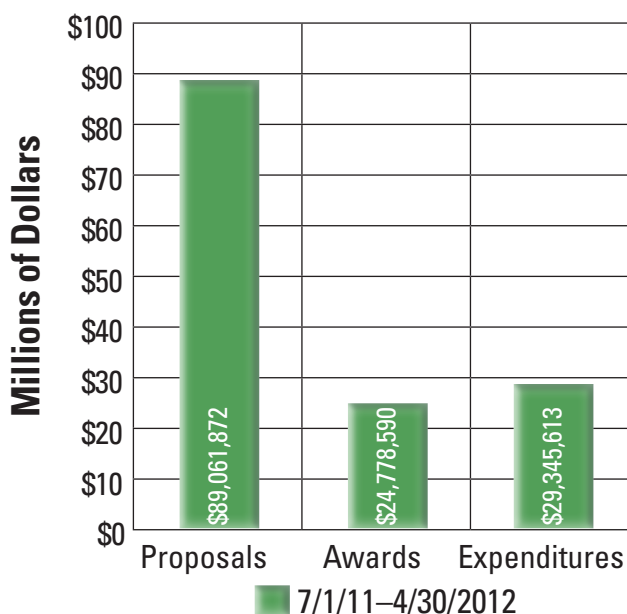


Strayhorn

Terrell L. Strayhorn, Associate Professor of Higher Education and Student Affairs, Educational Policy and Leadership, was invited to represent Ohio State at the 2012 Coalition for National Science Funding (CNSF) Exhibition and Reception on Capitol Hill on May 15-16. This year's theme was "STEM Research and Education." He spoke with congressional staff about his STEM research during the visit. In addition, he and his doctoral student, Derrick Tillman-Kelly, presented an exhibit highlighting what was learned from Strayhorn's recent STEM research that was supported in part by his NSF CAREER grant.

EHE Proposal and Awards

Faculty and research staff in schools/departments and centers remain active in the pursuit and reception of external funding. Compared to the same 9-month period last fiscal year the dollars requested from sponsors increased 18%. In addition, the number of awards received thus far in the current fiscal year (July 1, 2011–April 30, 2012) are slightly higher than awards received during the same period last fiscal year.



EHE Graduate Students and Postdoctoral Researchers

Three Win Hayes Research Forum Honors

On February 24, three EHE students received top honors in the Edward F. Hayes Graduate Research Forum, Oral Division. The annual event is cosponsored by the Council of Graduate Students, the Graduate School and the University Office of Research.

- **Michelle Thall**, "Psychosocial Variables Influencing Exercise." Advised by **Janet Buckworth**, Physical Activity and Educational Services
- **Meghan Rector**, "Contextual Constraints in Science Assessment: Effects of Item Sequencing and Item Features on Measures of Student Performance Using a Constructed Response Instrument." Advised by **Ross Nehm**, Teaching and Learning
- **DeLeon Gray**, "Gifted High School Students' Perceptions of Academic Tasks as Helping Them 'Fit In' and 'Stand Out' at School." Advised by **Eric Anderman**, Educational Policy and Leadership

NSF Chooses Sandberg-Thoma for Honorable Mention

Sara E. Sandberg-Thoma is among eight Ohio State graduate students who received a National Science Foundation Honorable Mention for the NSF Fellowship Awards. **Claire Kamp Dush**, Human Development and Family Science serves as her advisor.

Finalist for National Academy Dissertation Fellowship

Benjamin Johnson was named a finalist for a National Academy of Education/Spencer Dissertation Fellowship. He is one of only 49 finalists named from more than 400 applicants from more than 100 universities. His dissertation is tentatively titled: "Turning Point in Endowment Building: A Comparison among Ohio State University, the University of Michigan and Harvard University in the 1920s and 1930s." **Bryan Warnick**, **Bruce Kimball** and **Robert Rodgers** are his co-advisors.

9th Annual Russell Klein Symposium on June 1, 2012

The Russell Klein symposium provides students with an opportunity to present their research and interact with nutritional scientists. The program will include a full day of invited speakers who are experts in their respective fields, and student presentations. The keynote speaker is Randy Jirtle of Duke University whose talk is titled *Epigenetics: How Genes and Environment Interact*. All students are welcome to present a poster in all fields related to nutrition and all members of the campus community are welcome to attend. The Food Innovation Center will co-sponsor the event which will be held in the Biomedical Research Tower.

Students Receive EHE Dissertation Research Fellowships

Congratulations to the 13 graduate students who received the 2012-13 dissertation research fellowships! Each student will receive support for stipends, tuition and fees. Funding for the awards comes from the college's endowed funds dedicated to supporting students.

Name	Program of Study	Advisor	Funding Sponsor
Mitchell Bartholomew	Technology and Human Relationships	Sarah Schoppe-Sullivan, Human Development and Family Science	Anita R. McCormick Endowment Fund
Elizabeth Beggrow	STEM – Science Education	David Haury, Teaching and Learning	The Marilyn Ruth Hathaway Education Scholarship Fund
Seth Gordon	Higher Education and Student Affairs	Ada Demb, Educational Policy and Leadership	Dai Ho Chun Graduate Fellowship Fund and Flesher Fellowship Fund
Minsu Ha	Science Education	Ross Nehm, Teaching and Learning	The Marilyn Ruth Hathaway Education Scholarship Fund
Lieny Jeon	Early Childhood Development	Cynthia Buettner, Human Development and Family Science	Lucile and Roland Kennedy Scholarship Fund in Home Economics
Bohyun Jang	Family Demography	Anastasia Snyder, Human Development and Family Science	Edith M. Slabaugh Scholarship Fund
Jichul Jang	Hospitality Program	Jay Kandampully, Consumer Sciences	Jean S. Bowers/Fern E. Hunt Fellowship Fund
Monica Kowalski	Educational Psychology	Lynley Anderman, Educational Policy and Leadership	The Marilyn Ruth Hathaway Education Scholarship Fund
Jia-Yu Ke	OSU Nutrition PhD Program (OSUN)	Martha Belury, Human Nutrition	Leta Gigax Duhamel Scholarship Fund
Eun Jeong Lee	English as a Foreign/Second Language Education	Alan Hirvela, Teaching and Learning	The Marilyn Ruth Hathaway Education Scholarship Fund
Jung Eun Lee	Fashion and Retail Studies	Leslie Stoel, Consumer Sciences	Anita R. McCormick Endowment Fund
Yan Liu	Fashion and Retail Studies	Leslie Stoel, Consumer Sciences	Jean S. Bowers/Fern E. Hunt Fellowship Fund
Linsey Sabielny	Special Education	Helen Cannella-Malone, Physical Activity and Educational Services	The Marilyn Ruth Hathaway Education Scholarship Fund

Special thanks to the benefactors whose contributions provide this important opportunity for outstanding graduate students during the final year of their dissertation research.

Travel Grant Program Provides Matching Funds

Graduate Student Travel Grant Awards

Eighteen graduate students have traveled or will travel to professional conferences between April and August 2012 to present research from their dissertations or thesis projects. Each student has been awarded matching travel funds in amounts ranging from \$150 to \$250 from the EHE Office of Research. Congratulations to the students, along with their advisors, on their scholarly success and for representing our college and Ohio State at these prestigious national and international conferences.

The next deadline for graduate students to apply for matching travel funds is August 1, 2012, for travel between September and November 2012.

Graduate Student Name	Faculty Advisor and Academic Unit	Conference Name and Date	Title of Presentation
Mauriell Amechi	Terrell Strayhorn, Educational Policy and Leadership	American Educational Research Association, April 2012	Interrogating the Collegiate Experiences of African American Males Formerly in Foster Care
Julia Averill	David Bloome, Teaching and Learning	Show and Prove 2012, March 2012	Taking up Talk: African American Vernacular English Among Austrian Teens
David Bwire	Marcia Farr, Teaching and Learning	Comparative and International Education Society, April 2012	Engaging Society Through Literacy: An Investigation of How Student Poetry in Kenya Is a Site for Critical Discourse
Ali Brian	Jackie Goodway, Physical Activity and Educational Services	North American Society for the Psychology of Sport and Physical Activity National Conference, June 2012	Examination of the Role of Motor Competence, Perceived Motor Competence and Physical Fitness as Underlying Mechanisms Driving Physical Activity Behaviors in Children
Fabiola Gutierrez Orozco	Mark Failla, Human Nutrition	Experimental Biology, April 2012	Uptake and Metabolism of -Mangostin by Human Cell Lines: HepG2 Liver Cells, HT-29 Colon Cells and THP-1 Macrophage-like Cells
Taeim Han	Leslie Stoel, Consumer Sciences	AMA/ACRA Triennial Retail Conference, April 2012	Role of Organic Cues on Purchase Intentions
Stuart Heckman	Jonathan Fox, Consumer Sciences	American Council on Consumer Interests, April 2012	The Impact of Self-Efficacy on College Students' Debt, Financial Stress and Help-Seeking Behavior
Huili Hong	David Bloome, Teaching and Learning	American Educational Research Association, April 2012	Discursive Construction of a Poetic in Writing Among Kindergarten Children
Sarah Mei-Yen Ireland	Eric Anderman, Educational Policy and Leadership	Council for the Study of Community Colleges, April 2012	Fostering Success or Stratification? A Macro Approach to Defining "Success" in the Community College Context
Kom Kamonpatana	Mark Failla, Human Nutrition	IFT Annual Meeting, June 2012	Metabolism and Uptake of Anthocyanins in Human Oral Cavity
Jia-Yu Ke	Martha Belury, Human Nutrition	Experimental Biology, April 2012	The Effect of Naringenin on the Phosphorylation of AMPK in Diet-Induced Obese Mice
Kyoung Tae Kim	Sherman Hanna, Consumer Sciences	American Council on Consumer Interests, April 2012	Does Greater Complexity Reduce Retirement Adequacy?
Jae Min Lee	Kathryn Stafford, Consumer Sciences	American Council on Consumer Interests, April 2012	Hierarchical Structure of Saving Goals Among U.S. Households Using 1998 to 2007 SCF
Yan Liu	Leslie Stoel, Consumer Sciences	2012 AMA Summer Marketing Educators' Conference, August 2012	What Are Consumers Waiting for? Control Beliefs and Deferral
Nathan Taylor	Binaya Subedi, Teaching and Learning	American Educational Research Association, April 2012	Winning Battles and Losing the War: The Insidious Nature of Homonormativity; Lesbian and Gay Themed Children's Picture Books: Homonormativity and the Dangers of Acceptance
Dawn Wallace-Pascoe	Ann O'Connell, Educational Policy and Leadership	American Educational Research Association, April 2012	Assessing the Culture of Evidence in Higher Education: A Tool for Measurement
Rumana Yasmeen	Ouliana Ziouzenkova, Human Nutrition	Experimental Biology, April 2012	Retinaldehyde Mediated Lipolysis Underlay Sexual Dimorphism in Visceral Obesity in Mice
Hua Zan	Kathryn Stafford, Consumer Sciences	American Council on Consumer Interests, April 2012	Family Financial Burden of Caregiving to Chronically Ill Children

Postdoctoral Researcher Travel Grant

EHE postdoctoral researchers are invited to apply for up to \$500 in matching funds to travel to professional conferences to present their research. The next deadline for EHE Postdoctoral Researcher Travel Grant applications is August 1, 2012, for travel between September and November 2012.

Visit: <http://ehe.osu.edu/research/internal-funding.php> for details about these funding opportunities.

Facilities Update



Taylor

by Mark Taylor, College Facilities Planner

Five years ago, the college initiated a large renovation project in Campbell Hall to develop a number of new human nutrition research spaces and also to make air quality improvements in the existing human nutrition lab areas. We are pleased to announce that, after much work and many relocations, all spaces are

occupied, operational and, except for fine-tuning the equipment controls, the project is complete.

The scope of work called for the construction of three new basement wet labs, a tissue culture lab, a shared equipment room and an office support area, the replacement of all air ducts to the third-floor labs, as well as the replacement of the rooftop ducts, cooling units and several exhaust fans. This massive amount of work spawned a number of necessary ancillary projects that added to the complexity

of the effort. As with many large renovations, the building's aging infrastructure, lack of lab swing space and funding challenges were some of the issues on which the college and Facilities, Operations and Development (FOD) collaborated during the process.

The college's efforts to provide venues where nutrition research can flourish advanced significantly with this project. The usable research space for faculty in the Department of Human Nutrition increased 34 percent.

Future improvements that are currently in the design phase include, the construction of one more wet lab(s) and the installation of an emergency electrical backup system to prevent research loss should the primary electrical power experience an outage.

Below are a list of improvements that the college and FOD have partnered on in recent years to improve nutrition research space within Campbell Hall.

Department of Human Nutrition-Related Capital Improvements

Time Period	Project Name/Funding Source	Project Scope	Funds Expended	Project #
2007	Room 071 upgrades (EHE)	New cabinets and shelving, painting, demo gas and air devices	\$15,782.00	315-07-1546
2007	Room 063 (EHE)	Relocate Liebert cooling unit	\$16,351.00	315-07-1548
2007	Lab renovations (EHE)	Reconfigure existing lab walls, install new equipment room walls, ceilings and lights	\$44,660.00	315-07-0168
2007	Rooms 355-375 (EHE)	Lighting improvements	\$ 41,021.00	315-07-2042
2007-2008	Basement systems study (EHE)	Consulting engineer conducted a utilities systems study to determine the feasibility of constructing Human Nutrition labs in the basement	\$20,776.00	OSU-071550
2008	Third floor window A/C units (FOD)	Temporary cooling solution until new system became operational	\$22,078.00	9986-09050
2009	Keypad access (EHE)	Re-wired keypad access to third floor labs	\$3,878.00	OSU-080375
2008-2011	Lab swing space (EHE)	Leased 5,129 sq. ft. of lab space in Jennings Hall while Campbell Hall Human Nutrition labs were renovated	\$615,480.00	----
2011	Basement & Third Floor HVAC (EHE & FOD)	Installed rooftop a/c units, exhaust fans and ductwork for new basement and 3rd floor Human Nutrition research labs	\$1,732,740.00	OSU-072021
2010-2011	Lab relocations (EHE)	Moved Human Nutrition labs between Jennings and Campbell Halls, re-calibrating equipment during renovation project	\$42,621.00	OSU-100264
2011	Suite 055 renovation (EHE)	Renovated suite 055 into an office support area for Human Nutrition labs	\$18,977.00	OSU-100218
Presently	Room 213 renovation (EHE)	Design for new Human Nutrition research wet lab(s)	\$ 43,000.00	OSU-120274
Presently	Emergency power (EHE & FOD)	Electrical power back-up system study	(forthcoming)	OSU-120494
FY2013	Room 213 renovation (EHE)	Construction of new research wet lab planned	\$200,000.00 est.	OSU-120274
Total Expenditures			\$2,817,364.00	



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