



THE OHIO STATE  
UNIVERSITY  
COLLEGE OF  
EDUCATION AND HUMAN ECOLOGY

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# *in* REVIEW

OFFICE OF RESEARCH NEWSLETTER

## FEATURED AWARD

### ATTORNEY GENERAL SUPPORTS STAR HOUSE RESEARCH, COMMUNITY SERVICES

On March 1, 2013, the Ohio Attorney General's Office (OAG) awarded Star House a Victims of Crime grant. The award supports two part-time therapists who offer case management and substance abuse and mental health services to Central Ohio's homeless youth. Star House is an example of synergistic pairing between research and community service. The intervention that Star House therapists employ through the OAG grant has been empirically supported in prior research trials.

Star House opened in October 2006. Natasha Slesnick, professor of Human Sciences, was funded by the National Institute on Drug Abuse (NIDA) to test strategies for treating and reintegrating into society homeless youth who also abused alcohol and drugs. Quickly, she saw that the study population lacked an interest in meeting with counselors; rather, the youth were focused on meeting their basic needs for food, shelter, and safety.

Once Star House was opened to all of Central Ohio's homeless youth to address basic needs, more youth began to visit and develop trusting relationships with Star House staff. As trust grew, youth became willing to accept counseling services and assistance in exiting street life. After the research study ended, Star

House became an important support for Columbus' homeless youth, and the doors remained open, primarily through private donations.

Star House received another NIDA grant in April 2012 in which success in linking youth to shelters, drop-in centers and other services within the community was tracked for nine months. In addition, Star House continues to serve 20-40 homeless youth every day, with 435 unduplicated homeless youth served in 2012. Because Star House integrates research and community service, effective engagement, linkage, and treatment strategies can be tested and put into practice without the myriad barriers reported in other social science research-to-practice efforts.

Star House partners with various community service agencies. Also, several university, community, and church-based volunteer groups provide meals, workshops and other supports to youth. Research opportunities for faculty and graduate/undergraduate students abound. ♥

By Natasha Slesnick, Director. For information or volunteer opportunities, call Jeana Patterson (614) 432-5406 or visit <http://www.osustarhouse.com>.

### A MESSAGE FROM OUR ASSOCIATE DEAN

Hello from the new Associate Dean for Research and Graduate Studies. The mission of the Office of Research remains as it has been in the past, assisting faculty and graduate students with their research efforts (i.e., more specifically concerning research funds, graduate fellowships, travel support, seed grants, research training, and facilitating collaborations), but stay tuned for new initiatives.

The focus of this issue is on the centers in the college. I was raised academically in a center and thus am well aware of their importance. My interest in collaboration and interdisciplinary work most definitely comes from my early years spent in centers. Hopefully you will find this information useful and perhaps find ways to work with the great centers in the college.

Finally, you will see other research projects highlighted in this issue. These projects include the Star House, Patty Brosnan's math coaching project, and Kui Xie's IMPACT grant. As in past issues, we also mention recent research grant recipients, travel grant recipients, as well as other research news.

We look forward to hearing from you and hope that you will participate in some of our activities this coming academic year. Happy researching!

**Richard Lomax**  
Associate Dean for Research and Graduate Studies



# CETE

BY TRACI LEPICKI, ASSOCIATE DIRECTOR - CETE, established in 1963 and known as the Center on Education and Training for Employment, bridges research and practice through work in standards, curriculum, assessment, and evaluation.

## UPCOMING EVENTS

### WORKSHOPS:

INTRODUCTION TO OFFICE  
OF RESEARCH SERVICES  
September 11, 2013  
College Commons, 2:30PM

FINDING FUNDING  
OPPORTUNITIES  
October 11, 2013  
College Commons, 1PM

GRANT PROPOSAL  
RESUBMISSIONS  
November 8, 2013  
College Commons, 1PM

### DEADLINES:

All Travel Grant Applications  
Due October 1, 2013

Graduate Student Travel  
Grants

Postdoctoral Travel Grants

Faculty International Travel  
Grants

To apply, go to  
<http://go.osu.edu/ORfunding>

The center has added capacity in teacher preparation, professional development, information management, communication technologies, resource development, and technical assistance. In the summer of 2013, CETE introduced a forward-looking vision, a larger staff, and an expanded commitment to research and development through the inclusion of the Center for Special Needs Populations (CSNP) and the Center for Learning Excellence (CLEX).

Established in 1980, CSNP provided professional support for national, regional, state, and local projects to increase social and educational opportunities for children with special needs. CSNP's scope includes a broader focus on early childhood education and information resources as demonstrated by Measure Up (<http://go.osu.edu/measureup>), using data visualization to help school professionals understand their report card results.

CLEX originated in 2000 to assist organizations, collaborations, and communities in the efficiency and effectiveness of achieving outcomes. CLEX adds a specialization in collaborative problem-solving to CETE's suite of services. Partnerships for Success (<http://go.osu.edu/partnerships>) illustrates CLEX's expertise in building capacity to identify and prioritize critical community issues and manage the investment of resources to achieve optimal outcomes for children, youth, and families.

Capitalizing on CSNP's and CLEX's experience with systems change, strategic planning, training, and computer networking methods and technologies, CETE's mission expands to address all levels of education

– from early childhood to adult and from special needs to career-technical. The addition of a community-engagement focus and an established workforce-development commitment completes the stakeholder trifecta.

CETE collaborates with faculty, graduate research associates, and student interns. Past collaborations with faculty and national partners have produced projects such as:

mNET (Mobilizing National Educator Talent)  
<http://teachmnet.org/>

In collaboration with Belinda Gimbert and Anika Anthony, mNET provides nontraditional teacher preparation for individuals seeking certification as core academic teachers in high-need, hard-to-staff school districts.

DSW (Ohio Direct Service Workforce Initiative)  
<http://grc.osu.edu/odsw/>

In collaboration with David Stein and Chris Zirkle, DSW develops competencies and assessments for frontline professionals across health-care settings and consumer populations.

CETE welcomes expanded faculty collaborations. In particular, CETE is currently seeking partnerships with faculty with research interests in career-technical education, job-task analysis, and collaborative community problem solving.

For further information, contact CETE's Director Bob Mahlman at [mahlman.1@osu.edu](mailto:mahlman.1@osu.edu) or 614-292-9072.

# CRANE CENTER

## FOR EARLY CHILDHOOD RESEARCH AND POLICY

BY MARCIE KAMB, DIRECTOR OF OPERATIONS - The Crane Center (CCEC) in EHE provides a collaborative, research-oriented context for training scholars who intend to pursue a research career in their future.

Currently, the CCEC is “home” to six graduate research assistants (GRAs), six postdoctoral research scientists, and three visiting doctoral fellows (Justin Markussen-Brown and Marit Carolin Clausen, Syddansk Universitet, and Ulla Licandro, Leibniz Universität Hannover). These junior scholars are provided with extensive opportunities to build their research skills through participation in large-scale multimethod research studies, such as the work of the Language and Reading Research Consortium (LARRC), a \$20-million five-university reading-comprehension study housed in the CCEC. In addition, junior scholars have numerous opportunities for hands-on mentorship by CCEC senior researchers and faculty associates, as well as opportunities to participate in specialized workshops, seminars, and training opportunities. A major focus of CCEC-affiliated training opportunities is to conduct and disseminate high-quality research relevant to early childhood with the ultimate goal of improving practice and policy.

Research training opportunities

available within the CCEC will increase in the 2013-2014 academic year in several important ways. First, the dean provided the CCEC with three GRAs for the academic year as a means of fostering linkages among faculty across EHE and the work of the CCEC. CCEC-affiliated GRAs will work with Ann O’Connell and Richard Lomax (QREM), Kathy Lawton (Special Education), and Tzu-Jung Lin (Educational Psychology). In addition, the CCEC houses a postdoctoral training program supported by the Institute of Education Sciences (IES), and provides support for four scientists to receive rigorous, interdisciplinary postdoctoral training on designing and testing language and literacy practices for improving young children’s educational outcomes, which is closely aligned with two IES topic areas (Reading and Writing, Early Learning Programs and Policies). Two postdoctoral scientists will join the CCEC in the fall of 2013: Jennifer Riggie (doctoral candidate in Special Education: Early Intervention and Early Childhood Education, Florida State University) and Megan Johanson

(postdoctoral fellow in Education, University of Delaware).

There are many ways for scholars to get involved in the activities of the CCEC. Foremost, they should visit <http://ccec.ehe.osu.edu> to sign up to receive information about upcoming events, such as our 2013-2014 Colloquia Series (first Fridays of each month) beginning in September. The CCEC website will be updated this fall and will contain a directory of CCEC faculty associates and affiliates along with our community and international research partnerships, such as the Schoenbaum Family Center, Learn4Life, the Columbus Metropolitan Library, and Solyluna. Anyone can complete an online interest form, and a CCEC representative will respond with potential opportunities to collaborate on research projects with faculty associates and affiliates. Junior scholars should also consider participating in the Graduate Interdisciplinary Specialization in Applied Developmental Science in Education, sponsored in part by the CCEC, to serve as a bridge between CCEC and academic programming. 🍷

## CHILDREN EXPRESS GRATITUDE FOR \$2.5M GIFT

The new Crane Center for Early Childhood Research and Policy will occupy 4,514 square feet in the Schoenbaum Family Center and space in Arps Hall. Three generations of a Columbus-area family have pledged a multi million dollar donation to The Ohio State University to establish the Jameson Crane Sports Medicine Institute, the Crane Center for Early Childhood Research and Policy in the College of Education and Human Ecology, and the Loann Crane Advanced Language Institute in the College of Arts and Sciences. Children at the Schoenbaum Family Center created a video in appreciation of the \$2.5M gift from the Crane family. The children were asked, “What would you do if you were given a milion dollars?”

<http://go.osu.edu/cranegiftthankyou>  
<http://go.osu.edu/cranegift>

Watch the video and see their responses  
Read more about the gift



BY JUDY DUGUID, EDITOR - The Ohio Resource Center is dedicated to improving educational opportunities for Ohio educators and students by providing access to digital content and offering services to support e-learning.

A center in EHE, ORC was established in 2000 by the Ohio General Assembly. The center operates under the leadership of Nicole Luthy, Director.

#### Outstanding resource repository

ORC's resource repository supports teachers in employing effective instructional practices and in implementing Ohio's academic standards. The repository provides free access to lessons and other instructional support materials, assessment items, and professional development resources through a searchable database.

#### Comprehensive e-learning platform—ilearnOhio

In 2011, ORC was awarded the digital learning clearinghouse, ilearnOhio. ilearnOhio is a comprehensive e-learning platform that offers access to online resources and full courses, including AP options, credit recovery courses, and tutorials.

#### Partnerships and collaboration

Over the next year, ORC will be crafting a research agenda to guide its work.

We invite interested EHE faculty to participate in that process. As well, we are always looking for opportunities to partner on grant writing.

Examples of opportunities for collaboration? There are many; we are open to ideas that will shed light on and enhance teaching practices (especially in e-learning) in the core academic disciplines. ORC has specialists in all four core subject areas plus 21st-century learning and early childhood.

We are especially interested in science and STEM education. For example, ORC is working with EHE faculty and educators on a project in which high school biology teachers will learn how argumentation can be an effective tool for teaching and learning. Among the many other science topics we would like to explore are science and literacy and scientific literacy.

But we are interested in investigating many other areas. ORC would like to collaborate to find ways to use technology to make online professional

development more interactive and engaging for participants. We are exploring ways to use ilearnOhio to design and deliver PD. There are opportunities to partner with us in this area.

ORC's Resources for Early Childhood (REC) website publishes articles that outline research, practical strategies, and classroom examples of big ideas and best practices for teachers of young children. There are opportunities for researchers to work with us to author these publications. REC also publishes themed lists of children's books, along with suggestions for using the books. Opportunities to develop new lists are always available. ♥

To find out more about ORC and its programs, email [web@ohiorc.org](mailto:web@ohiorc.org).

[ohiorc.org/](http://ohiorc.org/)  
[ilearnohio.org/](http://ilearnohio.org/)  
[rec.ohiorc.org/](http://rec.ohiorc.org/)





# SCHOENBAUM FAMILY CENTER

BY ANNELIESE JOHNSON, LABORATORY SCHOOL DIRECTOR - The Schoenbaum Family Center opened in the summer of 2007 in the Weinland Park neighborhood, an area traditionally associated with high poverty and few early educational opportunities available to families and children.

The center is committed to providing exceptional learning opportunities and resources to families so that all children may enter kindergarten ready to learn and continue on successful educational trajectories. The center houses the A. Sophie Rogers Laboratory School, which provides high-quality education and care for over 100 children ages six weeks to five years old in a full-day, year-round setting. In the state-of-the-art classrooms, children gain access to early literacy, language, and social skills that are critical for elementary school readiness and success. The Crane Center for Early Childhood Research and Policy's placement in the center also facilitates opportunities for accessing child and family data as well as conducting research with children and families.

The center supports family education and its vital relationship to school success in numerous ways. There are opportunities for residents of Weinland Park to gain education and experience while earning a Child Development Associate (CDA) credential. The

paraprofessional program builds in valuable skills such as resume writing, interviewing techniques, and additional coaching in professionalism to create success in the job marketplace. Another example is the Simple Suppers program, a collaboration with Carolyn Gunther from EHE's Department of Human Sciences. Families enrolled in the center, as well as Weinland Park residents, come together in the dining room and kitchen to learn about healthy eating and the importance of nutrition to a family's overall well-being. Human Nutrition student interns work to devise menus that are realistic and healthy for families on a budget, and cook with families in the program once a month.

In addition to being a field placement site for several EHE Master's of Education students each year, the center recruits EHE students to work and learn in classrooms through the Schoenbaum Internship Program. Selected students work up to 20 hours per week in the classrooms while learning classroom management skills and receive training in child assessment tools and

observation techniques. This internship provides generous tuition support for undergraduate students, while also providing authentic practice in a diverse school setting for a new generation of teachers.

The center has exciting ways for faculty and graduate students to become involved through research and field placements. Placements in areas such as special education, social work, and nutrition offer extensive experience with children and families from diverse socioeconomic backgrounds. In the upcoming academic year, the center will provide greater support for both faculty and student research. Researchers will be able to submit proposals to access the center's database of child and family demographics and child assessment scores, as well as proposals to conduct research with the center's teachers and children. ♥

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For research questions, contact Shayne Piasta at [piasta.1@osu.edu](mailto:piasta.1@osu.edu). For program questions, contact Anneliese Johnson at [johnson.2745@osu.edu](mailto:johnson.2745@osu.edu).

# AWARDS AWARDS AWARDS GRADUATE STUDENT TRAVEL AWARDS

The following students received up to \$250 for Graduate Student Travel Grants for travel related to conference presentations. These grants were awarded in June 2013. For more information on applying for travel awards, visit <http://go.osu.edu/ORfunding>.

## Educational Studies

Megan Strathearn

## Human Sciences

Lauren Altenburger

Su Yun Bae

Chelsea Blackwell

Tae-Im Han

Songyee Hur

Kyoung Tae Kim

Pielah Kim

Travis Mountain

Boram Park

## Teaching & Learning

Theresia Anggraini

Meghan Federer

# GRADUATE STUDENT ACHIEVEMENTS

**Megan Sanders**, doctoral candidate in Educational Studies, is one of only 15 graduate students across the country to be selected for participation in the Spencer Foundation Philosophy of Education Institute July 8-19 in London, England. The project cultivates young scholars with knowledge and skills necessary for future philosophical engagement with education. Her advisor is Lynley Anderman, Educational Studies.

**Ali Brian**, doctoral student in Human Sciences, received a \$1,000 Coca-Cola Critical Difference for Women Grant for "SKIPing Girls to an Active Future: The Influence of Project SKIP on the Actual and Perceived Motor Competence of Preschool Girls Who Are Disadvantaged." She is advised by Sue Sutherland, Human Sciences.

**Sarah Lang**, PhD student in Human Sciences, was named as one of 10 winners of the Ohio State Graduate Associate Teaching Award (see <http://www.gradsch.ohio-state.edu/sarah-lang.html>). Lang was also awarded a \$2,000 Ohio State Alumni Grant for Graduate Research and Scholarship from the Graduate School to support her dissertation research. Her advisor is Sarah Schoppe-Sullivan, Human Sciences.

**Leroy Long**, doctoral candidate in Teaching and Learning, **Michael Williams**, graduate research associate in Educational Studies, and **Terrell Strayhorn**, professor in Educational Studies, placed first for "How Engagement with Faculty and Peers Affects Value Development in Undergraduate Engineering Education: A National Survey Analysis" at the 2013 ASEE North Central Section Conference, held at Ohio State on April 5 and 6. **Jennifer Czochoer**, **Jenna Tague**, **Amanda Roble**, doctoral candidates in Teaching and Learning, and **Greg Baker**, doctoral candidate in Engineering, received third place in the Best Student Paper Award for Successful Collaboration between Engineering and Mathematics Education.

## UNIVERSITY GRADUATE FELLOWSHIP AWARDEES

We want to welcome our new, incoming graduate students and congratulate them on receiving University Graduate Fellowships. The fellowships support university efforts to recruit the very best applicants to university-wide PhD programs.

### DEPARTMENT OF EDUCATIONAL STUDIES:

Denise Liggins, University of Maryland-College Park

Paul Narmada, University of Delhi

Veronica Pecero, The University of Texas at Austin

Kari Taylor, Miami University

Ziwei Xu, The University of Texas at Austin

Doug Yacek, The University of Texas at Austin

### DEPARTMENT OF HUMAN SCIENCES:

Rachel Brown, Utah State University

Diandra Gordon, Hampton University

Boluwatiwi Durojaye, University of Lagos

Ana Brown, Jackson State University

Jinhui Li, Shandong University

**Faculty and staff** in the college received 19 new awards between March 1, 2013, through June 31, 2013. The anticipated total award amount for all 19 awards is **\$9,993,621**. For additional information on these and previous awards, go to <http://ehe.osu.edu/research/awards/>.

PI/Co-I	Department	Sponsor Name
BROSNAN, P; Manouchehri, A	Teaching & Learning	Ohio Department of Education
BRUNO, R	Human Sciences	University of Connecticut (Dairy Research Institute)
BRUNO, R	Human Sciences	University of Connecticut (State of Connecticut Department of Public Health)
CRANE-ROSS, D; Lepicki, T; Mahlman, R	CETE	Ohio Department of Mental Health
FAILLA, M; Chitchumroonchokchai, C	Human Sciences	Neptune Technologies and Bioresources
FAILLA, M; Chitchumroonchokchai, C	Human Sciences	International Food Policy Research Institute
GIMBERT, B; Mahlman, R	CETE	Miami University (US Department of Education)
JUSTICE, L; Piasta, S	CCEC/Teaching & Learning	Institute of Education Sciences (US Department of Education)
LUTHY, N	Ohio Resource Center	Wright State University (EDUCAUSE)
MAHLMAN, R	CETE	Global Skills X-Change
MAHLMAN, R; Julian, D	CETE	Ohio Department of Alcohol & Drug Addiction Services
MALONE, H; Wheaton, J	Educational Studies	US Department of Education
MEEKER, K	Human Sciences	Administration for Children and Families
MOULTON, S; Blevins, J; Haurin, D; Loibl, C; Seligman, J	Human Sciences	Department of Housing & Urban Development
NEEF, N	Educational Studies	Columbus City School District
NORTON, R; Mahlman, R	CETE	Marathon Pipe Line LLC
SLESNICK, N	Human Sciences	Ohio Office of Attorney General (Office of Justice Programs)
SYKES, D; Ross, M	CETE	Ohio Department of Education
ZIRKLE, C; Mahlman, R; Nell, S	CETE	Ohio Department of Rehabilitation & Correction

## FACULTY INTERNATIONAL TRAVEL AWARDS

The following faculty received up to \$500 for Faculty International Travel Grants for travel related to conference presentations. These grants were awarded in May 2013.

**Educational Studies:** T. Lin

**Human Sciences:** A. Snyder

**Teaching & Learning:** M. Blackburn;  
C. Clark; L. Moore;  
E. Rodgers;  
I. Wilkinson

## POSTDOCTORAL TRAVEL AWARDS

Eunice Mah, a postdoctoral researcher in Human Sciences, received a Postdoctoral Travel Grant for travel related to conference presentations. The grant was awarded in March 2013.

For additional information on how to apply for travel awards, please visit <http://go.osu.edu/ORfunding>.

## SAVE THE DATE

# FOURTH ANNUAL STUDENT RESEARCH FORUM

FEB. 7, 2014

The 4th Annual Student Research Forum presented by the EHE Office of Research and Graduate Studies will take place on February 7th, 2014 at the Union from 8:00AM to 2:30PM. Breakfast and lunch will be served. For information on how to participate, including submissions to present, volunteer opportunities, or to be considered as a Committee member, please contact Rebecca Chacko at [chacko.9@osu.edu](mailto:chacko.9@osu.edu).

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## WINNING IN NOVEMBER IS EASY!

Kui Xie and his team's proposal was selected for funding in the most recent round of the IMPACT program, funded through the Ohio State Office of Distance Education and eLearning (ODEE). Here are some tips for submitting an award-winning proposal:

1. Do your homework. ODEE provides a really good overview of the program including the goal and objectives of this program, application guidelines, evaluation rubric, and previous awards. Read everything and talk to past award winners.
2. Develop your project ideas based upon educational theories and research. Theoretical and research foundations can be a critical component to the success of your proposal. They will make your proposal more convincing and appealing.
3. Build a collaborative team and secure support from local resources for your project. A strong team with various expertise (e.g., educational researcher, domain expert, instructional designer, and technology specialist) is critical.
4. Align your project goals and objectives with the direction that the ODEE is heading. For example, the university is pushing iTunesU, the iBook, and learning analytics.
5. Contact the IMPACT grant program officers and talk about your ideas right now. They will provide feedback on your choice of technology and design ideas and you can start building a positive relationship with them.

The next round of IMPACT proposals is due November 4, 2013. Information and the application can be found at <http://go.osu.edu/IMPACTgrants>.

By Kui Xie, Educational Studies

## MATH COACHING PROJECT – STILL GOING STRONG

The Mathematics Coaching Program (MCP), just finishing its eighth year, is designed as a training program for experienced teachers who work as full-time mathematics coaches. These coaches team with teachers, in their classrooms daily in six-week rotations, and assist them in implementing research-based strategies that help K-12 students learn mathematics. Results have warranted the Ohio Department of Education to fund this program for an additional two years.

Last year, we reached our 100,000th student and are pleased to report that in many classrooms, students are becoming successful mathematics problem solvers. Many districts have seen double digit gain scores on the state exam in the first year. Our team members are delighted with the success of the Mathematics Coaching Program and are thrilled to have the opportunity to continue. In fact, next year we plan to have an extended presence in southeast Ohio, an area that is really challenged by having too few professional development opportunities for its teachers.

Through this wonderful experience, we hire 10 GRAs each year and have six faculty who regularly work with our coaches. We have created many conference presentations and journal publications together and have many more to come. To learn more about our program, visit our website at <http://mcp-coaching.osu.edu>.

By Patty Brosnan, Director, MCP, Teaching and Learning