Office of Research Newsletter



Autumn 2008

Why Do Research?

s the new dean in our college, I've been asked to share my views on the value of research in EHE. I'm pleased to have this opportunity to do so. The most obvious reason to engage in research is that research is integral to the mission of a Research I university. It is required to gain tenure and recognition in your field. That's the easy, trite and incomplete response; but there are better and more important reasons for conducting research than self-interest!

The research experience should always help you learn in a new, different, deeper and richer way. Research scholarship, by definition, provides a systematic way of learning, thinking about, planning, organizing, and presenting knowledge. It converts you from a simple, passive receiver of knowledge to a discoverer or creator of knowledge. It helps you realize in concrete terms what being a scholar is all about, and more specifically, how to ask and answer questions, or find and solve puzzles. It brings you into the full realm of academe, not by title, but as a full partner and participant in scholarship.

Research also makes a higher order contribution to society at large, not only in terms of pure knowledge, but also for what it accomplishes in process and ideally, in its outcomes. Research encourages and rewards intellectual risk-taking, innovation and invention. It inspires others to reach and stretch and "do." It makes your thinking and doing transparent so others can learn as well. Research is a way of accomplishing a "larger good," to "give back," to "make a difference" and be "of help." The subject matter of our college especially lends itself to societal contributions. Of course, funded research also contributes important fiscal resources to your units, helping your department/school or college to pay the bills for rent, salaries and other operating expenses. The more the college receives, the more amenities can be returned to units and investigators too.



Achterberg

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There are also deeper personal reasons for engaging in research scholarship. Every researcher must answer to and satisfy an inward calling. Perhaps the best reason to engage in research is for the pure delight of it. The words from the poet, Rita Dove, come to mind:

> He knows why the scientist In secret delight

Strokes the fern's

Voluptuous Braille.

Research is a very human activity, and it can be almost spiritual in its effect. It can and should feel beautiful to you.

For all those reasons, the College of Education and Human Ecology is committed to building a better research environment in the college that provides administrative, developmental and financial support to investigators and that publically applauds faculty, staff and students for their successes. Mark Failla, the Associate Dean for Research in EHE, is a wonderful leader with important plans. (Please see page 2.) I hope you participate in his office improvements over the course of this and the next few years. It is an exciting time. Thank you, kudos and best wishes to all.

Cheryl Achterberg Dean

Associate Dean, Mark Failla, Shares the Office of Research Plan

Mission:

The overarching mission of the College of Education and Human Ecology (EHE) Office of Research (OR) is to foster an environment that facilitates and celebrates faculty and research staff scholarship. Scholarship includes, in part, engagement in original research, defined as a "systematic investigation, including development, testing, and evaluation, designed to develop or contribute to generalizable knowledge" (according to DHHS regulations (45 CFR 46.102(d)))." We also recognize that evaluation and survey studies often provide the basis for scholarly activity. With this in mind, the stated goal will be achieved through a comprehensive program that includes the following services:

- Regular communication and celebration of scholarly success to create an outstanding research community;
- Continued development of faculty, research staff and graduate students as successful scholars;
- Pre- and post-award administrative support to faculty and research staff.

Services Provided:

Enrichment Activities

- Travel award programs to support faculty and graduate student presentations at professional meetings;
- · Research award programs for faculty and graduate students;
- Faculty seed grant program with targeted areas to be announced annually;
- Monthly college-wide research forum to discuss diverse topics related to scholarly success and the development of greater understanding of research conducted by faculty;
- Sponsor faculty workshops for advanced proposal development;
- Annual graduate student research symposium; and,
- Three newsletters per year.

Pre- and Post-award Administrative Support

One primary goal of this office is to assist the faculty and their research support staff with the development and submission of grants and contracts through OSURF and OARDC, and the efficient and effective management of the administration of funded projects focused on research and research related projects to alleviate as much administrative burden as possible. This will enhance scholarly productivity, leading to greater local, national and international visibility for contributions to the body of knowledge, increased success with the development, submission and awarding of extramural support for scholarly endeavors, and an enhanced research environment. To this end, OR is committed to partnering with academic units and faculty to provide the list of services and incentives indicated below.

Pre-Award

- Assist faculty with identification of appropriate sources of funding and notify faculty of grant opportunities;
- Actively participate in recruitment efforts and orientation of new faculty regarding the infrastructure for development, submission and management of extramural support of research:
- Develop accurate budgets (including interpretation of allowable direct/indirect costs), and assist PIs with justification of budgetary items;

- Package electronic proposal submissions (10 day advance notice);
- Review and approve authorization to seek off-campus funding (ePA-005 form);
- Provide resources for external expert review of revised proposals having received high priority scores from panels but without funding;
- Inform faculty, research staff and graduate students about local workshops pertaining to grantsmanship.

Post-Award

We acknowledge that many post-award services are provided by OSURF, OARDC and staff in EHE. Rather than duplicating efforts, OR will provide the services listed below. Regarding compliance-related activities, we will assist faculty with satisfactory resolution of issues to decrease risk of adverse audit or expenses to units and college;

- · Periodically review budgets as requested by PI;
- Act as a facilitator or "single point of contact" for Pls to address administrative issues that arise in the performance of research:
 - Compliance: e.g., eCERTS, audits requirements, human subjects, animals in research, biosafety/OSHA, overruns;
 - Initiation of forms: release time, cost-sharing, research related supplemental compensation, faculty paid external consulting, eCOI, ePA005;
 - Approvals: release time, cost-sharing, research related supplemental compensation, faculty external consulting, eCOI, ePA005, OSURF cost transfers;
 - Other: grant transfers, PI status request for new faculty, PI portal access, project close-out, intellectual property (copyrights/patents);
- Assist as appropriate with mediation and resolution of administrative issues with OSURF and other units;
- Provide faculty with financial summaries required for progress reports and termination of sponsored projects;
- Assist college, schools and departments with space needs for conduct of funded projects, including, but not limited to, assessment of need, identification of options, brokering for existing space, infrastructure requirements and acting as liaison with other units.

EHE Research Advisory Committee Established

Associate Dean for Research Mark Failla has established a college research advisory committee to critically review activities of the office including enrichment programming, policies and procedures to best serve the scholarship of the faculty and staff. Members of the advisory committee include: David Bloome (T&L), Eric Anderman (P&L), Howard Goldstein (HDFS and Weinland Park), Carolyn Gunther (HN and Research), Soog Hong (CS), Laura Justice (T&L), and Donna Roxey (OSURF). The first meeting was August 5, 2008. The committee will meet biannually, as well as provide consultation on specific items as needed.

EHE Graduate Students Present Research Nationally

The EHE Office of Research provides travel support on a matching basis to EHE graduate students who present research from their dissertation and thesis projects at national and international professional meetings. Nineteen graduate students each received \$200.00 in matching support from the Office of Research during FY08.

Congratulations to all the students who represented our college at national conferences. Please visit our Website for information about the graduate student travel grant program (http://ehe.osu.edu/research).

Dept.	Graduate Student	Faculty Advisor	Conference
Consumer Sciences	JiYoung Hwang	Catherine Montalto	International Textile and Apparel Association
	JiYoung Kim	Leslie Stoel	13th Annual Graduate Education and
	Sang Hee Park	Jay Kandampully	Graduate Research Conference
	Franziska Schubert		
	Sandra Sydnor-Bousso		
	Hae Jin Yoon	R. Thomas George	
	Jinfei Zhu	Michael Tews	
Human Development and Family Sciences	Katie Adkins	Suzanne Bartle-Haring	National Council on Family Relations
	Elizabeth Cannon	Sarah Schoppe-Sullivan	
	Tammy Collins	Stephen Gavazzi	
	Erika Grafsky	Julianne Serovich	
	Pushpanjali Dashora	Michael Glassman	Human Development and Capability Association
	Rashmi Gangamma	Suzanne Bartle-Haring	American Association of Marriage and Family Therapy Conference
	Tiffany McDowell	Julianne Serovich	
Human Nutrition	Michelle Asp	Martha Belury	Experimental Biology 2008
	Rachel Cole		
	Gayle Shrode		
	Min Tian		
	Sagar Thakkar	Mark Failla	

EHE Graduate Research Fellowship Recipients for 2009

We are pleased to announce the recipients of the 2009 graduate research fellowships, each of whom will receive over \$23,000 in support to cover tuition, fees and stipends. These fellowships are supported by the generous contributions from various endowments, including the Doris and Clifford A. Risley Scholarship Fund and the Myrtle Wolcott Cram Scholarship Fund.

The honored students (and their advisors) from Human Nutrition are:

- Michelle Asp (Martha Belury)
- Sagar Thakkar (Mark Failla)
- Min Tian (Martha Belury)

The honored students from Human Development and Family Sciences:

- Atika Khurana (Stephen Gavazzi)
- Pushpanjali Dashora (Natasha Slesnick and Michael Glassman)

We extend sincere thanks to the benefactors who help provide these opportunities for outstanding graduate students in our college.

ortunities for outstanding graduate students in our college.
Please visit http://ehe.osu.edu/academics/scholarship.php for college scholarship and fellowship information.



2009 EHE Research Fellows (left to right): Tian, Dashora, Thakkar, Asp, and Khurana.

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Showcasing Our Centers' Outstanding Faculty and

he college's multiple, interdisciplinary centers put research into practice and range in focus from children and families to teachers to workforce development personnel. We are pleased to showcase five individuals who were nominated by their center directors to be highlighted in the *EHE Office* of Research Newsletter. Please join us in celebrating their dedication to our college.

Stephen Gavazzi, Center for Family Research (CFR)

The CFR is a coalition of faculty, students and staff who have interest and expertise in research, assessment and treatment efforts as they relate to the family. With particular emphasis on the family's role in the development and well-being of children and adolescents, members of CFR work with colleagues in a number of colleges. Affiliated with EHE and FAES, it is jointly directed by one faculty member from each college.

The goal of the CFR is to create a research program that provides practical knowledge about families while increasing Ohio State's competitiveness for federal funding. Co-director **Scott Scheer** (FAES) nominated **Stephen Gavazzi**, (PhD,

University of Connecticut). Since joining Ohio

State in 1991, **Gavazzi** has established a research program that identifies the impact of family dynamics on youth development, psychopathology and problem behavior. With over 20 years experience as a family therapist, he brings an applied clinical perspective to his work.

Gavazzi

In recent years, **Gavazzi** has been involved in the development of the Global

Risk Assessment Device, a Web-based tool designed to assist professionals in making appropriate service referrals for at-risk youth and families. Supported by over \$4.1 million in grants, he has >55 peer-reviewed articles, 1 book, 1 manual, and 10 book chapters to his credit, and has presented at >60 conferences.

David Julian, Center for Learning Excellence (CLEX)

CLEX was established to support the work of more than 500 school districts participating in Ohio's Alternative Education Challenge Grant Programs. The center also supports the work of many state and local agencies and organizations that share responsibility for serving Ohio's children, youth and families. Clients include the Ohio Departments of Alcohol and Drug Addiction Services, Education, Health, Job and Family Services, Mental Health, Mental Retardation and Developmental Disabilities and Youth Services, and the U.S. Department of Labor. Because CLEX serves so many clients at the state and local levels, it is uniquely capable of identifying opportunities for mutually supportive interagency linkages.

Director **AI Neff** nominated **David Julian** (PhD, Michigan State) who serves as CLEX's Director of Community Planning and Evaluation. His areas of specialization include health and human services planning, program evaluation and community

organization. With an MS in city and regional planning from Ohio State and a BA in psychology from Miami University, David served as the Director of Evaluation and Research for Franklin County United Way from 1992 until 2001. There, he was instrumental in developing and implementing a comprehensive system for defining and measuring program

Julian

results. Before moving to CLEX full time, David held half-time appointments with CLEX and the College of Public Health, where he taught program evaluation. His current work focuses on building local communities' capacity to plan, implement and evaluate evidence-based health and human services programs. David has worked extensively with local Family and Children First Councils through the Partnerships for Success initiative and currently is engaged in a major project to assist the United Way of Central Ohio in developing measures of performance.

Nicole Luthy, Ohio Resource Center for Mathematics, Science, and Reading (ORC)

ORC was established in 2000 by the Ohio Board of Regents to identify best practices, disseminate information, and assist with implementing, institutionalizing, and sustaining pre-K–16 practices across the Ohio educational system. ORC is funded through the state legislature.

As a virtual best practice center, the ORC Website is organized around Ohio's academic content standards to support the work of pre-K–16 personnel with the aid of working groups and research teams drawn from faculty at Ohio colleges and universities. ORC's resources are coordinated with other state and regional efforts to improve student achievement and teacher effectiveness in pre-K–12 mathematics, science and reading. ORC also contributes to communication and expansion of the knowledge and databases for informing educational policy. Nominated by Director **Peggy Kasten, Nicole Luthy,** (MS, Ohio

State) Assistant Director, began her career in education as a Columbus City Schools teacher, where she served on curriculum and professional development teams. Prior to joining ORC, Nicole was a reading and language arts consultant in the Ohio Department of Education (ODE), where she had responsibility for state and federal literacy initiatives and grants

and coordinated the Summer Institute for

Luthy

Reading Intervention Program as a member of the Ohio Literacy Initiative team. Nicole directs ORC's P-12 Literacy Project that is funded by ODE. The project provides print and Web-based materials and professional development, including the recent successful Ohio Literacy Institute. Nicole's leadership in the area of literacy is recognized statewide. She is pursuing a PhD in T&L in adolescent literacies (advisor, **David Bloome**).

Bob Norton, Center on Education and Training for Employment (CETE)

CETE is an inquiry-based research center that facilitates workforce development and improvement by providing leadership, information, training, program evaluation, occupational standards development, curriculum development, and assessment products and services for public and private clients throughout Ohio, the U.S., and globally. Highlights of CETE's 40 years of service include: >1,200 projects, >\$210M in external support, >1,200 leadership development activities involving 63,000+ participants, and >1,500 publications. CETE has led or partnered on major projects funded by the World Bank, U.S. Department of Labor, and U.S. Agency for International Development for education and training in Bulgaria, China, Hungary, Kyrgyzstan, Philippines, Poland, Russia, Saudi Arabia and Turkey, and has engaged in initiatives in over 20 other countries. Currently, CETE serves as the National Dissemination Center for Career and Technical Education. Director Robert Mahlman nominated Robert E. "Bob" Norton

(PhD, Cornell), the founder and developer

of the job analysis process at Ohio
State called DACUM (Developing a
Curriculum) and professor emeritus
at CETE. He has worked at Ohio
State for 37 years in the technical/
vocational education area. Bob is
internationally recognized for teaching
the process to representatives from
businesses, educational institutions



Norton

and government. He also teaches a companion program, SCID, which stands for Systematic Curriculum and Instructional Development. Bob has travelled to >30 countries to teach, conduct research and lecture. The author of numerous articles on curriculum and instructional development, Bob most recently completed the third edition

of the *DACUM Handbook*, which serves as the official resource for thousands of DACUM practitioners worldwide.

Dennis Sykes, Center for Special Needs Populations (CSNP)

CSNP was established in 1980 and provides interdisciplinary professional support for national, regional, state and local projects. These projects focus on increasing the social and educational opportunities and quality of life for special needs children and their families by improving the community systems that help support them. The staff has experience with systems change, strategic planning, training and technical assistance, as well as computer

networking methods and technologies.

Nominated by former Director

Larry Magliocca, Dennis J. Sykes,
(PhD, Ohio State) has directed and
participated in a variety of outreach
and engagement projects related
to organizational and professional
development in early childhood
education since 1988. From 1993-



Sykes

2003, Dennis directed a Head Start Quality Improvement Center serving the states of Illinois, Indiana and Ohio. As the current Director of the Early Childhood Quality Network, he is responsible for a variety of early childhood initiatives, including statewide professional development programs funded by the Ohio Department of Education related to early literacy, mathematics, science and social studies. Dennis has received over \$24M in outside funding from a variety of sponsors. He is currently serving as co-investigator with Laura Justice (T&L) on the recently funded Institute for Education Sciences (IES) project, Efficacy of Read It Again! in Rural Preschool Settings. Dennis is also a part-time lecturer in T&L and is responsible for the contract review process in the college's Office of Outreach and Engagement.

Scholarly Highlights

Eric Anderman (P&L) has been appointed as a principal member, and as of October, chair of the Institute of Education Sciences' Social and Behavioral Panel consisting of scientists conducting research on childhood and adolescence social and behavioral development and functioning. The panel is responsible for reviewing proposals submitted for funding. Anderman was also recently appointed to the American Psychological Association's new Task Force on the Prevention of Violence Against Teachers.

David Bloome (T&L) was recently elected to the prestigious Reading Hall of Fame, sponsored by the International Reading Association. This is a high honor for

researchers of reading and literacy. Bloome was chosen to be the opening speaker for the college's new Literacy and Learning Center in June.

Vladimir Sloutsky (HDFS and Psychology) published an article in the April 25 issue of the prestigious journal *Science* titled "Learning Theory: The Advantage of Abstract Examples in Learning Math." He and Ohio State researchers Jennifer Kaminsky and Andrew Heckler showed that undergraduate students may benefit more from learning mathematics through a single abstract, symbolic representation than from learning multiple concrete examples.

Introducing our Sponsored Program Officers

ive individuals from the OSU Research Foundation
 partner with the Office of Research staff to provide the highest quality research administration at all



Sponsored Program Officers: front row (left to right): Kari Uhl, Donna Roxey, Jacqueline Edwards; back row: Beth Kaiser. Michael Adkins.

stages of sponsored projects. The five SPOs who serve EHE faculty and staff with pre- and post-award support are pictured. Together, they provided the four most common myths of research administration that follow. We thank our SPOs (and their colleagues) for their

continued partnership in support of the research enterprise of our college!

Myth #1

Indirect costs (IDCs) are a Research Foundation (RF) tax.

False. IDCs (also known as facilities & administrative costs, F&A) are provided to Ohio State by sponsors to support the research infrastructure (e.g., buildings, labs, libraries, and administrative support). In other words, IDCs cover real costs that cannot be easily identified with specific sponsored project activities. OSU renegotiates F&A (IDC) rates with its assigned federal agency, the Department of Health and Human Services (DHHS), every several years. F&A (IDC) dollars are collected from sponsors by OSURF and transferred (100%) to OSU's central administration for redistribution to colleges according to the university budget model.

Myth #2

RF policies add a lot of bureaucracy to my research responsibilities.

For the most part, what is perceived as RF bureaucracy are the steps necessary to ascertain that funds are used in compliance with federal/state laws and regulations, university policies, and specific sponsor requirements. By signing a proposal or accepting an award, RF accepts responsibility for ensuring such compliance. RF has developed a number of systems, such as the PI Portal and the electronic effort certification system (E-Cert), to assist principal investigators (PIs) in monitoring their projects and minimizing the compliance burden.

Myth #3

RF requires that I budget F&A (IDCs), but that will hurt my chances of being funded.

Sponsors are more interested in funding an excellent project than an 'inexpensive' one and will negotiate F&A rates if necessary. Most sponsors understand that F&A funds cover the actual costs of supporting research infrastructure. Budgeting F&A costs is not an RF requirement, though the university's interest is best served by maximizing F&A recovery. SPOs can advise a PI of the F&A rate that should be used, based on the type of project proposed, sponsor guidelines and experience with the sponsor. The lead PI's chair/director and the college agree to the budgeted F&A rate when approving the ePA-005 (Authorization to Seek Off-Campus Funds form).

Myth #4

It takes too much time and hassle to go through RF for every proposal.

There is only one form required for each proposal—the ePA-005. This form alerts chairs/directors and college administration of the intent of the PI to submit a proposal and provides essential information, including the final budget and abstract. Once administrators approve the form, RF has authority to submit the proposal on the PI's behalf. Additionally, RF staff are available to interpret sponsor guidelines, review the budget, and assist our EHE Office of Research with navigating e-submission processes. Early contact with the SPO, chair/director, school/department fiscal officer and EHE Office of Research can streamline proposal submission and avoid potential issues.

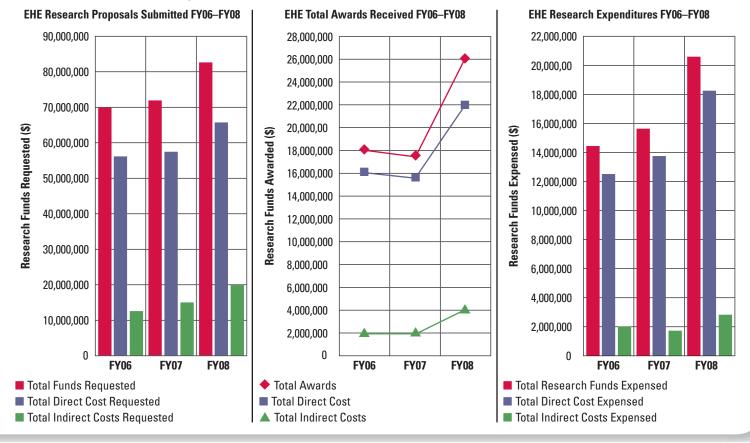
Kennedy Associateships Announced

The Lucile and Roland Kennedy Scholarship Fund in Human Ecology was established in 1988 by Lucile (BS '21, Home Economics) in memory of her husband Roland to promote research and scholarship of students within the College of Home Economics. This prestigious award provides a monthly stipend, as well as three quarters of support for tuition and general/instructional fees for human ecology students. Congratulations to this year's Kennedy Associateship award winners (and their mentors):

- Arielle Hope Weldon, HDFS (Amy Bonomi and Sarah Schoppe-Sullivan)
- Beth Red Bird, CS (Catherine Montalto)
- Sheryl Mims, HN (Lydia Medeiros and Martha Belury)

Highlights of Research Activity

Great news! EHE experienced sizable increases from FY07 to FY08 in research funds requested, research grants awarded, and total research expenditures. Proposals submitted increased by over \$13M (19%); awards for the college increased by >53% (\approx \$9M); total direct costs expensed increased by 32% (\approx \$4.5M); and IDC expensed increased by \$1.1M (>65%) from FY07. By every measure, research productivity is increasing. Congratulations and continued success to our dedicated and talented faculty and research staff!



15 International Travel Grants Awarded to Faculty

he Faculty International Travel Grant Program exists to strengthen the college's tenured and tenuretrack faculty members' professional development in the presentation of original research results at international meetings and conferences. During FY08, the Office of Research supported 15 faculty members who were invited to 11 different countries. Support ranged from \$413 to \$750 per person based upon matching and available funds. Congratulations to: **Donna Berlin** (T&L), International Consortium for Research in Science and Mathematics Education (Ecuador); David Bloome (T&L), International Conference on Written Culture (Brazil); Brian Edmiston (T&L), European Early Childhood Educational Research Conference (England); Earl Harrison (HN), 15th International Carotenoid Symposium (Japan); Josh Hawley (PAES), Human Resource Development Asia Chapter Conference (Thailand); Laurie Katz (T&L), 15th World Conference of Applied Linguistics (Germany); Weidong

Li (PAES), 2008 International Convention on Science, Education, and Medicine (China); Douglas MacBeth (P&L), European Association for Research on Learning and Instruction Conference (Hungary); Doug Owens (T&L), International Congress of Mathematics Education (Mexico); Nancy Neef (PAES), Association for Behavior Analysis International Conference (Australia); Sarah Schoppe-Sullivan (HDFS), International Society for the Study of Behavioral Development 20th Biennial Meeting (Germany); Anna Soter (T&L), European Association for Research on Learning and Instruction Conference (Hungary); Arthur White (T&L), International Consortium for Research in Science and Mathematics Education (Ecuador); and lan Wilkinson (T&L), European Association for Research on Learning and Instruction Conference (Hungary). Please visit our Website for detailed information on the EHE international travel grant program (http://ehe. osu.edu/research).

Contact Us

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A **J** of Thanks

We extend a sincere thank-you to Sarah Starr, Director, Office of Funding and Development, OSURF, who conducted six 90-minute training sessions on discipline-specific grant opportunities for 33 EHE faculty and research staff within all six academic units and five research centers during June 2008. Feedback has been extremely positive. Professor Jackie Goodway (PAES) shared that, "The training offered by Sarah was incredibly valuable. Her knowledge of the Community of Science (COS) site is extensive...Even though I knew the basics ...she showed us how to fine tune the search process.... Sarah has developed model searches for each of the different program areas in our college...and this was a good jump start to identifying funding. I highly recommend the training."

Sarah will conduct additional training sessions this fall on Wednesday, 10/8 (9-10:30 AM), Thursday, 10/9 (3-4:30 PM), and Monday, 10/13 (1-2:30 PM). The limit is 10 per session. Contact Beth De Witt @ dewitt.2@osu.edu to register.



Office of Research 381 Campbell Hall 1787 Neil Avenue Columbus, OH 43210 614-247-2412

Test your knowledge, Have some fun

- What does ARA refer to?
 - a. Ara = genus of Macaw
 - b. Allowable, Reasonable, and Allocable costs charged to projects
- 2. What is the best way to guarantee your project will be
 - a. Transfer costs between grants.
 - b. Change personnel appointments after time and effort reports are certified.
 - c. Purchase food/alcohol using grant funds.
 - d. All of the above.

Answers:

- 1. Although Ara is a genus of Macaw, the best answer is **B**. A few of the most commonly disallowed costs include first class airline tickets, purchase of equipment prior to the period of performance, and office supplies that should be covered by IDC/F&A.
- 2. The answer is **D**, all of the above.

Updated Website Supports Research

Please visit our website for up-to-date contact information, forms, funding opportunities, policies, frequently asked questions, publications, helpful links and upcoming events: http://ehe.osu. edu/research/. We look forward to serving you.

Special Thanks for Newsletter Support

Janet Ciccone for editorial consultation.

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Bing Tian for research statistics.

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NOTE: The Office of Research will be moving to 150 Arps Hall at the end of October 2008. Phone numbers will remain unchanged.