

**Grantsmanship
Workshop Series**

*Effective Strategies for De-
veloping Grant Proposals:*

#1

National Science Foundation

Thursday, February 9, 2006

3:00 – 4:30 p.m.

1213 Hoover Hall

Basil Nikolau
Patrick Schnable
Glenn Schrader
Judy Vance
Jonathan Wendel

#2

National Institutes of Health

Monday, February 27, 2006

3:00 – 4:30 p.m.

2115 Pearson Hall

Mark Ackermann
Carolyn Cutrona
Jorgen Johansen
Anumantha Kanthasamy
Surya Mallapragada

#3

NSF CAREER Awards

Friday, March 3, 2006

3:00 – 4:30 p.m.

1213 Hoover Hall

Dean Adams
Anne Cleary
Fred Haan
Victor Lin
Ralph Napolitano
Sarah Ryan
Arun Somani

#4

U.S. Department of Energy

Thursday, March 30, 2006

3:00 – 4:30 p.m.

1213 Hoover Hall

Robert Brown
K. Mark Bryden
Alan DiSpirito
Martha James
Alan Myers
Steve Rodermel

#5

U.S. Department of

Agriculture

Tuesday, April 4, 2006

3:00 – 4:30 p.m.

207 Marston Hall

Gwyn Beattie
Larry Johnson
Sue Lamont
David Oliver
Jim Roth
Qijing Zhang

#6

Grant Writing for NEH, NEA

TBA

#7

Environmental Protection Agency

TBA

ISU faculty members will provide insights on how to write a successful grant proposal. They will address preparation, writing a successful grant, and developing long-term relations with the funding agency.

Pre-registration not required.

**Eastern Time or
Central Time?**

It is now more critical than ever for the PI to include the deadline date and TIME (i.e. Eastern or Central Time) in the Notes section of the GoldSheet. Grants.gov (<http://www.grants.gov>) is the single access point for over 1000 grant programs offered by all Federal grant-making agencies. Each agency and often each program announcement will have its own deadline time. OSPA will work with you to submit the application on time, but will need to have this information and adequate lead time to do so.

**Bailey Research
Career Development
Award**

The overall goal of this award is to foster research that is innovative and not only increases knowledge, but has practical applications. Any full-time tenured associate professor or professor may apply for an award of \$50,000 per year for two or three years. The award may be used for faculty salary support, staff salary support, graduate student and postdoc support, travel, equipment, hourly labor and supplies.

Applications are due to college offices **March 10, 2006**. Each college may forward one application to the Awards Committee by April 3, 2006. Please see <http://www.vpresearch.iastate.edu/guidelines/bailey.html> for award and application details.

CEAH Interdisciplinary Collaborative Research Awards

The Center for Excellence in the Arts and Humanities would like to congratulate the recipients of its 2006 Interdisciplinary Collaborative Research Awards, which support projects involving two or more Iowa State University collaborators, one from the arts or humanities and one from the sciences. Awards in the amount of \$10,000 per group are available and disbursed as summer salary support or as a grant account. This is an annual award; the next deadline for applications will be fall 2006.

Adela Licona, English, Women's Studies
 Marta María Maldonado, Sociology, Latino/a Studies
 Nana Osei-Kofi, Educational Leadership & Policy Studies
 Ferruccio Trabalzi, Community & Regional Planning

Globalization and Place-Making in Perry, Iowa: Planning an Exploratory Sociospatial Analysis

This award provides summer salary support for the collaborating faculty to begin planning a study that draws on spatial and place-based theories in the humanities and social sciences. This work will lay a foundation for analyzing how global and local processes, rural-urban relationships, transnational migration, industrial restructuring, and economic shifts influence social organization in Perry, Iowa.

Perry was chosen in part because of the rise seen there in low-wage jobs, the steady growth of its Latino population, and the related research projects being conducted there by other ISU faculty. During this planning phase, the collaborators will hold a series of meetings to develop, discuss, and refine appropriate research questions and methodologies that take into account the social, cultural, ecological, political, economic, spatial, and discursive dimensions of the lived experience in Perry.

Licona's work is in cross-cultural communication and the role of language in sociocultural and economic structures; Maldonado's expertise is in the everyday production of social inequality, and in environmental sociology and the mapping of socio-ecological relations; Osei-Kofi's research focuses on the political economy of education and educational spaces in relation to globalization and place-making; Trabalzi will contribute the methodological knowl-

Funding opportunities may be found at <http://www.vpresearch.iastate.edu/Funding/homepage.html>

edge of documenting and organizing information about spatial processes, including the use of GIS and other mapping software.

Kevin de Laplante, Philosophy & Religious Studies
 Arnold van der Valk, Ecology, Evolution, & Organismal Biology

Holism and Reductionism in Theories of Ecological Change

This award provides summer salary support for the collaborating faculty to explore two distinct research traditions in ecology, *holism* and *reductionism*, the differing perspectives of which are at the root of many current debates over the proper application of ecological theory in such contexts as ecological restoration and biodiversity conservation. For example, most holists believe that communities and ecosystems have a degree of independent existence and possess emergent systems-level properties distinct from those of their component populations. Most reductionists, on the other hand, deny that communities and ecosystems have such emergent properties and regard the boundaries of such systems as primarily a matter of conventional and pragmatic human choice. Hence, reductionists are inclined to seek "bottom-up" explanations of community-level and ecosystem-level phenomena in terms of ecological processes operating at the level of component populations and individual organisms, while holists may focus on the role of community and ecosystem-level processes and their role in driving and regulating ecological phenomena at lower levels of organization ("top-down" explanations). The collaborators believe that a clarification of the conceptual structure of ecological research programs in these two traditions, and a comparison and evaluation of the arguments for and against the holistic and reductionistic positions, will help resolve some aspects of the debate and promote more effective and responsible application of ecological science to environmental problem-solving.

De Laplante is a philosopher of science specializing in the history and philosophy of the ecological sciences with a focus on holistic traditions of ecosystem ecology. Van der Valk, a plant ecologist specializing in the ecology and restoration of wetlands, works in the reductionistic traditions of pure and applied plant ecology.

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