The Research Quarterly

Published by UAHuntsville Office of Sponsored Programs

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What's News

On Thursday, September 26 and Friday, September 27, 2008, Sponsored Programs is hosting a workshop by Dr. Robert Lucas, Director, Institute for Scholarly Productivity, San Luis Obispo, California. The workshop entitled: *Breaking Through the Barriers to Writing Proposal* is designed to help faculty members and research staff deal with circumstances that can be impediments to their scholarly writing. Special application of the principles will be made to the complex world of writing proposals for research support. The following topics will be covered:

- Overcoming the major obstacles to writing
- Developing habits that promote writing
- Varying patterns to sustain momentum
- Understanding the world of research grants
- Identifying how to maximize chances of success.

The workshop will be held in the Bevill Center, Room 280, from 8:30 am—3:30 pm. Lunch will be provided in the Gardenview. Both workshops are full, however, there is a waitlist. To be added to the waitlist, please send an email to greeneg@uah.edu.

Photo: Mountain Range, Photographer: Yelena Zakin

The Research Quarterly

Photo: Mossy Road

Photographer: Yelena Zakin

Spotlight on Center for Modeling, Simulation, and Analysis

UAHuntsville's Center for Modeling, Simulation, and Analysis (CMSA) performs research and development in modeling and simulation (M&S) and systems engineering (SE). CMSA's research staff has broad experience in those disciplines, with special expertise in these areas: physics-based modeling, distributed simulation, model validation, spacecraft propulsion modeling, discrete event simulation, systems engineering process optimization and customization, design analysis and trade studies using M&S, technical team performance, and the use of M&S in system engineering.

Within M&S and SE, CMSA research is quite wide-ranging. Examples include projects to: develop M&S tools to improve S&E, analyze data flow in distributed simulations, test alternative inventory stocking strategies using discrete event simulation, model solid rocket booster combustion, analyze data flow in distributed simulation, model-in space rocket motor performance, analyze SE practices with respect to project success, develop approaches to train new technical team members, and validate a cloud precipitation model using radar observation. CMSA's research staff, working in collaboration with UAHuntsville academic faculty, can apply M&S and SE to the full scope of M&S and SE applications. For additional information about CMSA please contact:

Dr. Mikel Petty, Director

Phone: (256) 824-4368

Email: pettym@uah.edu

Website: http://cmsa.uah.edu

Cost Sharing on Sponsored Projects

UAHuntsville's Cost Sharing Policy was developed for the following purpose:

1. To provide guidance regarding the circumstances in which cost sharing is permitted by the University; including what kind of services, expenditures, or assets may be cost shared.

2. To provide information to the University community regarding the contractual, financial, and administrative implications that result from the commitment to cost share.

3. To establish procedures which gives the University the ability to provide information to sponsoring agencies which demonstrates that the University has fulfilled any cost sharing commitments it has made as a condition of obtaining external sponsorship.

As a rule, cost sharing on sponsored projects will only be approved when it is specifically required by the agency. Cost sharing simply "to increase" the probability of the proposal being funded" will not be permitted.

All cost sharing on sponsored projects must be approved at the proposal stage before the proposal is submitted.

Proposals must be submitted for approval in a timely manner. Proposals submitted for approval the date before, or the day, the proposal is due, are not likely to receive approval for cost sharing.

Proposals requiring cost share will use the 20% research salary line allocated in the department budget for each faculty member, burdened with applicable F&A and fringe benefits. Cost sharing in laboratory equipment proposals requires commitments of cash.

The approval process for cost sharing in the academic colleges begins at the department level with the approval of the PI and the Department Chair, and then proceeds to the appropriate Dean and to the Provost. Approvals include the 20% salary line allocated to internal research, teaching or teaching laboratory support and any other cost shared item than is funded by the academic college. The Vice President for Research must approval any cost-share that involves F&A.

Cost sharing of tuition must be approved by the Dean of Graduate Studies. Tuition will only be cost shared when it is absolutely required by the solicitation.

The approval process for cost sharing in the research centers begins with the Center Director and proceeds to the Vice President for Research. The Vice President for Research also approves any other cost sharing that requires him to provide cash or a modification of F&A charges.

F&A will be charged on the first $25,000 of all subcontracts. The Vice President for Research must approve all exceptions.

For additional information on the University's cost share policy, please visit: http://www.uah.edu/research/resadmin/information/compliance/cost_share.html

Awards: March—April 2008

March 2008

Dr. Sara Graves, ITSC: S/ACJIC/
Title: Task 1 Alabama Fusion Center (AFC)

Dr. Amy Bishop, Biology : F/DHHS/NIH/
Title: Elucidation of Nitric Oxide Resistance Mechanisms in Motor Neurons

Dr. Huaming Zhang, Computer Science: F/NSF/
Title: Graph Orientation Structures and Their Applications

Dr. Mike Banish, CMR: C/PST, Inc./
Title: SBIR Phase II/ Analysis of Chemical Spectra Associated with Fuel Additives

Dr. Bala Madhanabharatam, PRC: C/Streamline Automation/
Title: Advanced Propulsion Analysis and Development

Dr. David Lineberry, PRC: C/Barber-Nichols/
Title: STTR-Phase 1/Deep Throttling Turbopump Design

Dr. Nathan Slegers, MAE: F/DOD/Naval Postgraduate School/
Title: Precision Resupply/Urban Warfare Reconnaissance Technologies using Autonomous Parafoils

Dr. David Falconer, CSPAR: A/Colorado State University/
Title: Neutral Atmosphere Density Interdisciplinary Research (NADIR)

Dr. Mikel Petty, CMSA: F/DOD/FISC/NPS/
Title: Modeling and Simulation Education for the Acquisition/T&E Workforce CY08

April 2008

Dr. John Ballenger, CMOST: C/Iron Tree Research, Inc.
Title: Marketing Support

Dr. Lynn Boyd, Biology: F/DHHS/NIH
Title: Analysis of Ubiquitination Enzymes in C. elegans

Dr. Ken Nishikawa, CSPAR: F/NASA/Stennis
Title: Systematic Studies of Black Hole Systems: from Jet Formation to Propagation

Dr. Greg Harris, CMER: C/DRS Technologies
Title: Lean Training and Support 2008

Dr. Michael Benfield, CMSA: A/USRA/
Title: 2008 RASC-AL Forum

PROPOSALS/AWARDS PROCESSED TO-DATE (FY08)

QUARTER	PROPOSAL	VALUE	*AWARDS	VALUE
1ST QTR	109	$23,181,529	231	$20,806,949
2ND QTR	180	$48,617,235	273	$15,668,972

*Excluding Construction

The Office of Sponsored Programs (OSP) mission is to support three distinct groups: 1) UAHuntsville research faculty and staff; 2) UAHuntsville administration; and 3) Our funding sponsors.

OSP strives to maintain balance among these groups by reviewing proposals to external funding agency, proper fiscal management of funds received, and oversight of compliance matters related to external agencies and the federal government.

OSP's role is to support the faculty, staff, and administration of UAHuntsville; in effectively seeking, obtaining, and managing their research and scholarly activities to enhance their educational role.

**Contracts and Grants
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PROPOSAL SUBMISSION PROCEDURES

The Office of Sponsored Programs' "How to Submit a Proposal" training presentation, is required for all faculty and research staff with less than three years of employment at UAHuntsville. All faculty and research staff are strongly encouraged to attend the training. Please contact Felecia Troupe for additional information at troupef@uah.edu or 2660.

REMINDER: A ready to submit proposal is due in OSP three working days prior to due date to the sponsoring agency for all competitive solicitations. Proposals received less than the required three working days **will not** be submitted. For example: A proposal deadline of Feb 14, 2008 will require a ready to submit proposal in OSP not later than Feb 11, 2008, **Note, in some instances the three working days rule may not apply, and the proposal will be processed in order to meet funding agency short deadline.**

Office of Research Integrity, March 2008
10 Misconduct Findings Result in 7 Debarments

Article from March 08, Volume 16, No 2 Newsletter—ORI

Thirty-five percent of the 28 research misconduct cases closed by ORI in 2007 resulted in research misconduct findings. Seventy percent of the respondents in those cases were debarred from receiving government funding for periods ranging from three years to a lifetime.

The ten respondents against whom misconduct findings were made include an associate professor, a surgical resident, two post-docs, three graduate students, a research associate, and two phle-botomist. All ten respondents are prohibited from serving in any advisory capacity to the PHS.

Administrative actions imposed on the three respondents who were not debarred include retraction of published article, data certification, and the submission of a supervisory plan.

From 2002-2006, ORI averaged 11 misconduct findings per year. Misconduct was found in 40% of the closed cases. Sixty-six percent of the respondents against whom misconduct findings were made were debarred.

ORI opened 14 new cases for oversight review in 2007 and carried 39 open cases into 2008.

From 2002-2006, ORI averaged 30 new cases per year and carried an average of 51 open cases forward for the next year.

ORI received 217 queries in 2007 that resulted in 256 actions because some queries required more than one action: 95 pre-inquiry assessments, 19 referrals to other agencies, and 142 no actions possible now or no action.

The ORI newsletter is published quarterly.