

### NIH- and NSF-funded researchers to begin training in responsible conduct of research

The Office of Research Compliance and Ethics will begin offering training this fall in responsible conduct of research (RCR) for researchers funded by the National Institutes of Health and the National Science Foundation.

The two-part training process requires completion of an online segment followed by a face-to-face lecture component. The online portion is available now through the Research Compliance training web page, <http://www.ncat.edu/~divofres/compliance/irb/training.php>.

Researchers who have proposals pending with NIH or NSF will be notified this month to begin the online training and to register for one of the two September opportunities for the face-to-face portion, which will be held Thursday September 9 and Thursday September 23. Both sessions will be held from noon to 1 p.m. in the Fort IRC, Room 410. PIs will be required to successfully complete both parts before a Banner account will be created for an award.

NSF now requires RCR training for undergraduate students, graduate students, and post-doctoral researchers participating on NSF-funded research projects. NIH already required training for fellows, participants, and scholars receiving support through any training, individual or institutional career development awards, research education grants and dissertation research grants.

Principal investigators must also complete RCR training and will provide oversight to ensure that all participants are in compliance.

For more information about this training, contact Donna Eaton of the Office of Research Compliance and Ethics at 336 334-7995, extension 4019, or [dheaton@ncat.edu](mailto:dheaton@ncat.edu).



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To get on the mailing list for *Research A&T*, please send an email to [drarneke@ncat.edu](mailto:drarneke@ncat.edu).



## Poster competition for undergraduates scheduled for Sept.

All undergraduates are invited to submit research posters for a competition to be held as part of the Undergraduate Research Symposium, September 21-22. A prize will be awarded for the best student presentation.

The Office of Undergraduate Research is organizing the symposium as part of the North Carolina Science Festival. The statewide science and technology event will be held on campuses, at museums and in a variety of other venues from September 11-26.

Details on speakers, schedules and other information will be announced soon.

For details on the symposium, contact Dr. Peggy Bolick, interim director of undergraduate research, 334-7995, extension 2303, or [mrbolick@ncat.edu](mailto:mrbolick@ncat.edu).

Details on the North Carolina Science Festival can be found at <http://www.ncsciencefestival.org/>.

## DORED to cook out for Aggie researchers

DORED will welcome faculty and graduate students back to campus with a cookout on Friday September 24. The event will be held on the lawn in front of the Fort IRC from 11 a.m. to 2 p.m. Flyers will be distributed to department and school offices soon with further details.

## A reminder from the Office of Sponsored Programs: Don't wait until the last minute (or hour ... or day)

The staff of the Office of Sponsored Programs (OSP) are masters of the complex online systems used for proposal submissions. But one thing they can't make those systems do is turn back the clock.

When a funding agency specifies a deadline, there is no give in the system. If it says 5 p.m. on the 31st, it means 5 p.m. on the 31st, and after that you're out of luck.

To allow time for OSP to review and submit the proposal, don't think in terms of minutes or even hours before the deadline, think in terms of days.

"Two to three days are a minimum to give us the time we need to review the proposal against the solicitation requirements," says Fran Lackey, director of sponsored programs. "We'd like two weeks, but we know that isn't always possible with the workload that PIs have."

OSP can provide a valuable review of the completeness of the proposal and its accuracy in meeting the requirements — critical details that researchers can easily lose

track of in the course of developing a complex proposal. The OSP staff won't review the subject matter of the proposal — that's the PI's domain, Lackey says.

For more information, contact Ms. Lackey, 334-7995, extension 2296, [fblackey@ncat.edu](mailto:fblackey@ncat.edu).

## Follow Aggie Research on Twitter & Facebook!

The fastest ways to get updates from Sponsored Programs, Research Services, Compliance & Ethics, and other DORED offices are:

- @AggieResearch on Twitter;
- Our Facebook page, Aggie Research; and
- The Aggie Research blog, <http://aggieresearch.wordpress.com/>.



## IRB handbook for PIs, other online assistance coming soon

The Office of Research Compliance and Ethics is adding three new online aids to help researchers with IRB submissions.

An online PI Handbook provides information on what researchers need to know when submitting IRB applications and what the IRB looks for, based on the specific study procedures being proposed.

In addition to that process information, an IRB policy guide is also being put online.

Step-by-step information on filling out the IRB form will be added to the online IRB application as well. A voice-over will provide audio information on each step in the

application. The information also will be provided in text when users move the mouse over specific questions in the form.

The handbook, policy guide and improved application form are expected to be the Office of Research compliance website by the end of August.

Donna Eaton, IRB compliance officer, says the intent is to out online information that was primarily available through face-to-face meetings. The online approach should be a more efficient way for researchers to receive the information. For more information, contact Ms. Eaton at 336 334-7995, extension 4019, or [dheaton@ncat.edu](mailto:dheaton@ncat.edu).

CURRENT PI	AWARD TITLE	AWARD AMOUNT	SPONSOR	DOLLARS FEED DATE
Bikdash, Marwan	Understanding Network Survivability under WMD Attack	\$197,738	PENNSYLVANIA STATE UNIVERSITY	5/4/2010
Bolick, Ronnie	Summer Orientation to Aerospace/Engineering Retreat (SOAER)	\$22,000	GTCC AVIATION SCHOOL	5/18/2010
Chamings, Patricia	Accelerated Option for BSN Students (Federal Appropriation)	\$123,750	DHHS-HRSA-HEALTH RESOURCES AND SERVICES ADMINISTRATION	6/25/2010
Cheek, Eric	GEAR UP Summer Camp Grant to Start FIRST Tech Challenge Teams in Eastern NC	\$10,000	UNC-GA-GENERAL ADMINISTRATION	6/2/2010
Craig, Quiester	SBTDC PTAC-Small Business Technology Development Center	\$67,713	SBTDC-NC SMALL BUSINESS TECHNOLOGY DEVELOPMENT CENTER	6/29/2010
Davis, Lauren	Collaborative Proposal: Engineering Efficient and Equitable Food Distribution Un	\$196,247	NSF-NATIONAL SCIENCE FOUNDATION	5/5/2010
Desai, Salil	Ink Jet Printing Enriched Single Walled Carbon Nanotubes for High Frequency Larg	\$30,000	DOD-AIR FORCE	6/10/2010
Dobie, Kathryn	Economic Contributions of the North Carolina Ports	\$14,000	UNC-NCSU-NC STATE UNIVERSITY	4/22/2010
Esterline, Albert	TITAN Prototypes Using the JADE Agent Framework and Other Distributed Technologies	\$46,000	VIACORE FSD, INC.	6/11/2010
Esterline, Albert	TITAN Prototypes Using the JADE Agent Framework and Allied Technologies, Continu	\$27,600	VIACORE FSD, INC.	6/16/2010
Faulkner, Paula	Developing Globally Agricultural Ready Scholars for the 21st Century	\$150,000	USDA-CSREES- MULTICULTURAL SCHOLARS PROGRAM	5/4/2010
Graham, Anthony	Charles Hamilton Houston Summer Leadership Institute for Adolescent Black Males	\$37,500	HISTORICALLY MINORITY COLLEGES AND UNIVERSITY CONSORTIUM	6/17/2010
Hamoush, Sameer	Ultra Low Energy Community Systems (CERL 4-2), Critical Infrastructure Protection	\$82,377	DOD-ARMY-CERL-CONSTRUCTION ENGINEERING RESEARCH LABORATORY	5/18/2010
Idassi, Joshua	NCA&T Renewable Resources Extension Act Program (RREA) FY2010 Formula Grant Oppo	\$13,500	USDA-CSREES-COOPERATIVE STATE RESEARCH, EDUCATION AND EXTENSION SERVICE	6/29/2010
Isikhuemhen, Omoanghe	Production testing and demonstration of Shiitake (Lentinula edodes) mushroom str	\$30,000	NC DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES	4/1/2010
Iyer, Shanthi	Support for HBCU/MI Recruitment and Attendee Participation at the 2010 Internati	\$40,000	DOD-ARMY-ARL-ARO-ARMY RESEARCH OFFICE	6/23/2010
McBride, Maranda	Trust Calibration for Automated Decision Aids	\$5,429	INSTITUTE OF HOMELAND SECURITY SOLUTIONS	4/9/2010
Muganda, Perpetua	CHARACTERIZATION OF NOVEL BUTADIENE-INDUCED PUTATIVE p53 TARGET GENES	\$419,014	DHHS-NIH-NATIONAL INSTITUTE OF HEALTH	6/25/2010
Ntuen, Celestine	A conceptual framework for representing human behavior characteristics in a syst	\$108,500	DOD-ARMY-ARDEC-ARMAMENT RESEARCH DEVELOPMENT AND ENGINEERING CENTER	4/7/2010
Ntuen, Celestine	A Neurophysiology Study of Visual Fatigue of Soldiers Performing Tasks with Ste	\$238,351	DOD-ARMY-ARMY RESEACH LABORATORY	6/1/2010
Shahbazi, Abolghasem	Renewable Energy Center - DOE Federal Appropriation 2010	\$750,000	DOE-U. S. DEPARTMENT OF ENERGY	6/25/2010
Shahbazi, Abolghasem	Continuous Process for Biodiesel Production (Federal Appropriation Subcontract)	\$235,000	UNC-PEMBROKE	6/30/2010
Shivakumar, Kunigal	Procurement of Digital Image Correlation (DIC) System	\$240,200	DOD-NAVY-ONR-OFFICE OF NAVAL RESEARCH	6/2/2010
Simkins, Scott	Teagle Mini-Grant for	\$4,127	KALAMAZOO COLLEGE	5/4/2010
Singh, Harmohindar	CERT	\$494,000	NC DEPARTMENT OF COMMERCE-ENERGY DIVISION	5/5/2010
Underwood, Deborah	2010 NCDOT Summer Internship Program	\$10,500	DOT-NCDOT-NC DEPARTMENT OF TRANSPORTATION	4/1/2010
Underwood, Deborah	2010 Summer High School Transportation Institute	\$49,798	DOT-NCDOT-NC DEPARTMENT OF TRANSPORTATION	6/16/2010
Watlington, Shawn	Enhancing Earth System Science Education in Guilford County Schools Central Regi	\$201,093	GUILFORD COUNTY SCHOOLS	6/28/2010
Zeng, Qingan	Performance Analysis of Integrated Multi-hop Heterogeneous Wireless and Mobile S	\$2,054	KEY LABORATORY OF COMMUNICATION AND INFORMATION SYSTEMS BEIJING MUNICIPAL COMMISSION OF EDUCATION	5/24/2010

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DORED's **vision** is to lead North Carolina A&T State University to become a leading research institution among her peers at both the state and national level as a research-intensive doctoral university and to be ranked among the top universities in translational research in biotechnology, nanotechnology, energy, agriculture and environmental sciences, and engineering.

DORED's **mission** is to lead the university in exploring possibilities by providing service to the campus and an enabling research environment that fosters creativity, collaboration and community; discovering the future by empowering faculty and students to achieve innovative solutions to the world's most daunting challenges in energy, climate change, drug discovery, nanoengineering, and global health; and becoming a brand name in research innovation leading to economic prosperity, and a place where scholars are globally engaged to seek solutions to local, national, and global social, health, and economic problems.

**RESEARCH A&T**

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## Animal-use application form is going electronic; training for PIs to be scheduled this month

A new electronic application form will be rolled out in September for all faculty and students using animals in research. The Animal Care Application (ACAP) will be filled out by researchers and will be accessible by the Institutional Animal Care and Use Committee (IACUC) and the Office of Research Compliance.

Training sessions will be set up during August by the Office of Research Compliance. Information on times, dates and locations will be emailed to researchers and deans. It also will be distributed through the DORED website and other campus media.

The new application system will be substantially different from the old, fill-in-

the-blanks PDF form, says Dr. Tonya Hargett, compliance officer for animal care issues. ACAP will accommodate more information and will interface with RAMSeS.

Any faculty or students using vertebrate animals in research, teaching or demonstrations should apply to the IACUC for approval in advance. Not all such uses will require IACUC approval, but the only way to be sure you're in compliance is to check, Dr. Hargett says.

For more information, contact Dr. Hargett, 334-7995, extension 4008, or [trharget@ncat.edu](mailto:trharget@ncat.edu).

## Research training schedule for August and September

- **Wednesday August 25 — Lunch & Learn: IRB Compliance**  
Ms. Donna Eaton, RN, Compliance Officer, Noon to 1 p.m., Fort IRC, Room 410
- **Thursday September 2 — Lunch & Learn: IACUC Compliance, Bio-Radiation Safety**  
Dr. Tonya Hargett, Compliance Officer, Noon to 1 p.m., Fort IRC, Room 410
- **Friday September 10 — The Inventor's Corner Series: Intellectual Property Protection (Copyrights, Patents, and Trademarks)**  
Mr. Louis Judge, Senior Licensing Associate, Office of Outreach and Technology Transfer, 2 p.m. to 3 p.m., Fort IRC, Room 410
- **Tuesday September 28 — Lunch & Learn: Budgets: Creating, Revising & Incremental Funding**  
Ms. Adonica Williams, Grants Administrator, School of Agriculture & Environmental Studies, noon to 1 p.m., Fort IRC, Room 410

To register or for further information, go to <http://www.ncat.edu/~divofres/services/training.php>