



THE RADAR

- **R**esearch Funding Opportunities
- **A**ddress an Issue
- **D**ocument Your Observations
- **A**nalyze the Results
- **R**eview the Project

INSIDE THE RADAR

RCR at CAU 1

eRA Commons 1

Sub-Recipient Monitoring 2

CAU / RSP Response to Strategic Priorities 2

Innovation & Discovery 3

Sponsored Accounts 4

Student Highlight 4

Recent Awards 5

Funding Opportunities 6-7

Reminders & Announcements 8

From RSP 9

R C R

RESPONSIBLE CONDUCT OF RESEARCH AT CAU

As mentioned in the last issue of The RADAR, The National Science Foundation (NSF) and the National Institutes of Health (NIH) has mandated that participants/students receiving funding **MUST** receive RCR instruction. When submitting new proposals to both NSF and NIH, CAU will be certifying that all trainees working on these awards, for any amount of time, will receive training in the Responsible Conduct of Research. To satisfy the NSF requirement, an on-line training course is sufficient. To satisfy the NIH requirement, in addition to the on-line course, participants must receive eight (8) hours of face-to-face training.

To meet the NSF requirement and a portion of the NIH requirement at CAU the core RCR curriculum will be offered through the **Collaborative Institutional Training Initiative (CITI)** online education, hosted by the University of Miami. All trainees **must** complete one of the RCR courses appropriate to their discipline. The courses may be accessed at

www.citiprogram.org. The available courses include modules related to research:

- Biomedical
- Social/Behavioral Sciences
- Physical Science
- Humanities

Currently, to meet the additional NIH face-to-face requirement at CAU, two NIH funded projects have contracted with a consultant to provide instruction on the responsible conduct of research through seminars and we expect to continue this relationship. PIs/PDs with NSF and NIH funded awards are responsible for certifying that students and postdoctoral fellows, supported by their awards, have completed the above-required RCR training. The PI/PD must provide to RSP, the name of all trainees paid from their awards (for any period of time) within the budget period listed on the award.

Additionally at CAU, we have a **Responsible Conduct in Research Committee** chaired by Dr. Noran

Moffett, Associate Dean, School of Education who also serves as the Research Integrity Officer (RIO). Other committee members include: Dr. Roslyn Harper (Social Work), Dr. Antoinette Hollis (Education), Dr. Hashim Gibrill (Arts and Sciences/Political Science) Dr. Gerry White (Families First/ CAU Alumni). The committee will: 1) ensure that all NSF and NIH supported undergraduates, graduates and Postdoctoral students have completed RCR training; 2) monitor the RCR of research/research integrity; and 3) educate the CAU community on the RCR requirements.

Any questions regarding the RCR training at Clark Atlanta University should be addressed to RSP at research@cau.edu.

Georgianna D. Bolden, Ed.D.
Senior Research Administrator

Agencies Require RCR Training!



Researchers who plan to submit grant applications to the National Institutes of Health will no longer have a two-day window after the submission deadline to correct errors flagged by NIH's electronic online interface, eRA Commons. This new policy takes effect for applications with deadlines on or after Jan. 25, 2011. Applicants still

will be able to view an application in eRA Commons and submit a corrected one, as long as they do so before the published submission deadline. It is critical that proposals be submitted to the sponsor at least two days before the deadline in time to correct errors and respond to warnings generated by the eRA Commons validation process.



eRA Commons

SUB-RECIPIENT MONITORING

AT CAU

There are times in which sub-recipients are needed to perform substantive work under an award. When this occurs at CAU, the university must follow the guidance set forth in 2 CFR Part 215 – Uniform Administrative Requirements for Grants and Agreement with Institutions of Higher Education (OMB Circular A-110). CAU is responsible for the sub-recipients' use of federal

funds and is required to establish a system of internal controls to ensure that sub-recipients use federal funds in accordance with laws, regulations and contract/ grant agreements.

The Principal Investigator (PI) must provide a scope of work and budget for the sub-award developed in collaboration with the sub-recipient. A request for a sub-award should be initiated during the development stage of a proposal. If not included in the proposal, sponsor approval for issuance of the sub-award must be acquired

through the Division of Research and Sponsored Programs (RSP). RSP will review the Excluded Parties List System to determine if potential sub-recipient is debarred or suspended from working with the Federal government.

[\(https://www.epls.gov/\)](https://www.epls.gov/)

The PI and Program Manager (PM) are responsible for informing all sub-recipients of the governmental laws and regulations (including those outlined in the Request for Proposal) that are pertinent as a result of accepting the sub-award.

They are responsible for ensuring adherence to these laws and regulations. The appropriate institutional offices of the university (RSP, Finance, Compliance, the PI and PM) must maintain documentation of monitoring efforts through:

1. technical and financial reports
2. review and approval of invoices based on achievement of stated goals
3. sub-recipients' audit reports and/or financial reports, as well as close-out documents.

To exercise good stewardship of external funds, all parties at CAU must work together to ensure the success of its awards. This includes funds provided to sub-recipients.

Carol Johnson
Director
RSP

*"In good stewardship of external funds, all parties at CAU must work together to ensure the success of its awards."
—Carol Johnson*



CLARK ATLANTA
UNIVERSITY

2010 – 2013
Strategic Priorities

1. Build and execute institutional accountability for enrollment management.
2. Align learning, knowledge/discovery and performance
3. Build institutional capacity
4. Improve and maintain financial strength and viability
5. Embrace and provide leadership in community development and environmental sustainability.

THE RSP RESPONSE TO THE STRATEGIC PRIORITIES

The 2010-2013 CAU Strategic Plan serves as a roadmap that guides the Division of Research and Sponsored Programs in the development and implementation of initiatives and activities related to expanding the research agenda of the University. The Division will continue to promote and advocate compliance, aggressively seek funding opportunities, provide research administration support for faculty and students, and actively market and highlight CAU's research capabilities in various forums to increase visibility, collaborations, and accomplishments. The strategic plan also facilitates documenting objectives and provides a tool for assessing the expectations and outcomes related to the growth of the research enterprise. The Division of Research and Sponsored Programs is supportive and excited about the CAU 2010-2013 Strategic Priorities and Core Values!!

Marcus W. Shute, P.E., Ph.D.
Vice President

RESEARCH AND SPONSORED PROGRAMS CONTRIBUTES TO INNOVATION & DISCOVERY AT CAU

The Division of Research and Sponsored Programs at CAU was recently recognized by the Society of Research Administrators International, an international professional society for research administrators, for the development of the RSP Academy concept and online training platform. RSP was nominated for and awarded the Technology Innovation and Application Award which recognizes an organization, whose use of technology tools promotes or advances research administration, and significantly moves an office from paper to electronic delivery. This award was presented to RSP at the 2010 SRA Annual Meeting on October, 19th. CAU is the first recipient of this award!



Dr. Marcus Shute and Latrisha Anderson accept an award at the SRA Conference in Chicago, IL on October 19, 2010.



Dr. Georgianna Bolden, Dr. Marcus Shute and Latrisha Anderson attended the SRA Conference.

RSP was also selected to conduct a poster presentation at the Annual Meeting; the poster was, "Using an Innovative Approach to Train Your Principal Investigators on Research Administration Topics".

*"Research is formalized curiosity. It is poking and prying with a purpose."
-Zora Neale Hurston*

Recently, RSP was also selected to present several sessions at the 2010 NCURA Annual Meeting on October 31st in Washington, DC. Tanya Young, Carol Johnson, and Dr. Péter Molnár (Computer Sciences) were the discussion leaders for "Custom Database Development for Research Administration". "In this session best practices and tools for database development and management for pre- and post-award administration were shared." Dr. Marcus Shute, VP for Research and Sponsored Programs lead a round table discussion on "True Partnerships With and Among Minority Institutions". This session (held in conjunction with Dillard University, University of TX-San Antonio, and University of TX-Pan American) provided best practices, solutions, and strategies for partnering with minority-serving institutions. Both sessions were well received.

Earlier this year (June), RSP also participated in leading sessions and discussion groups for the Annual National Sponsored Programs Administrators Alliance (NSPAA) of Historically Black Colleges and Universities. Our very own Carol Johnson and Dr. Georgianna Bolden were on the planning committee. RSP is definitely enthusiastic about making significant contributions to advancing the knowledge in the research administration field!

NCURA 52ND ANNUAL MEETING • October 31st - November 3, 2010 • Washington, DC

Example 2: Changes of PI

- Before:** one PI field, changed with new PI, Co-PI's in one memo field
- Problem:** difficult to see researchers involvement, change in PI
- Solution:** Researchers, Roles, Projects

<p>Researchers</p> <p><i>EmployeeID</i></p> <p>Last Name: Text First Name: Text (DepartmentID) Office: Text Phone: Text E-mail: Text</p>	<p>→</p>	<p>Roles</p> <p>(PTN)</p> <p>(EmployeeID)</p> <p>Role: Text Priority: Number MonthsCommit: Number Begin, End: Date</p>	<p>←</p>	<p>Projects</p> <p>(PTN)</p> <p>CFDA#: Text Agency: Text Title: Text ProjectBegin: Date FundReqStart: Date FundReqEnd: Date</p>
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- Benefits:**
 - allows proper tracking of commitment and also gives credit to CO-PIs
 - Time commitment data needed proposals (NSF, NIH), department chairs, deans.

November 3, 2010
research@cau.edu
1

Screenshot from the presentation on "Custom Database Development" at the NCURA Conference in Washington, DC on October 31, 2010.

RECONCILING YOUR SPONSORED ACCOUNTS

Each Principal Investigator (PI) is responsible for the financial management of his/her sponsored project or program in accordance with award terms and conditions, as well as university fiscal policies and procedures. For more complex sponsored projects/programs, financial management is a shared responsibility with the Program Manager (PM). As such, it is critical to ensure that expenditures incurred on a sponsored account are accurate and for the intended purpose of an award.

Account reconciliation is the key process used to compare two sets of financial records. To effectively reconcile an account, the PI/PM must maintain accurate and detailed information about each transaction associated with the sponsored project or program. These records can be stored either in the form of paper in an organized manner; or preferably recorded in an Excel spreadsheet and source documentation electronically stored. When reconciling, the PI/PM reviews expenditures to ensure charges on the sponsored account are correct and in agreement with PI/PM's financial records.

Following are several tips to reconcile your sponsored account:

- * Maintain accurate, complete,

detailed records for each transaction and associated documentation (i.e., purchase and travel requisitions, PAFs, student payment forms, etc.)

- * Keep time and effort records for all personnel paid from the sponsored account
- * Review account expenditures **monthly** against Banner reports (i.e., Organization Detail Activity and Effort Certification)
- * Complete budget revisions as required and in accordance with sponsor approved budget
- * Promptly identify and report any errors, discrepancies, or adjustments
- * Complete all cost transfers and change in payroll distribution forms within **60** days of the original occurrence of the expense or transaction

To successfully manage a sponsored project or program, the PI must carry out both programmatic and fiscal responsibilities in a timely manner. The mandatory financial quarterly review, conducted with the Principal Investigator, GCA Grants Analyst, and RSP staff is designed to facilitate the reconciliation process and ensure that all project-related expenditures are charged to the appropriate sponsored account.

Tanya D. Young
Sr. Postaward Administrator
RSP

“This experience opened the world of research to me; I found this world invigorating and challenging.”
– Jason Carey

STUDENT HIGHLIGHTS

“Growing up in the Bahamas I was always influenced by all areas of Science from an early age. I entered Clark Atlanta University as an undergrad majoring in Biology. Before long my thirst for knowledge led me to the Lab of Dr. Timothy Moore, where I spent two years conducting neuroscience research. We focused on the behavioral aspects of a soy based diet on Male Syrian Hamsters and how that affected their brain chemistry. This experience opened the world of research to me; I found this world invigorating and challenging. During my undergrad research experience, I was afforded the opportunity to attend multiple conferences and broaden my academic horizon by increasing my exposure to the scientific community. My undergrad experiences led me to enroll in the PhD program in Molecular Biology at Clark Atlanta University. As a fifth year Graduate student, my research focuses on



prostate cancer research, specifically the effects of Inhibitor of Differentiation 4 (Id4) as a potential tumor suppressor in prostate cancer. I have been fortunate to be blessed with both a novel and scientifically fascinating topic. As a result our lab has been able to publish our findings in several reputable journals. I have received the opportunity to present my findings at many scientific meetings and conferences, and won several poster competitions presenting my research in the process. In an attempt to further the scope of our research, I have applied

for funding from the Department of Defense's Prostate Cancer Training Award for two consecutive years. Our research was well accepted and was awarded an alternate status for funding. In our research proposal we highlighted the focus of Id4 as a tumor suppressor gene, through its ability to initiate apoptosis and rearrange the cellular programming of cancer cells. The novel aspect of this particular protein may serve to better understand and eventually defeat prostate cancer.”

Jason P.W. Carey
Ph.D. Graduate Student
Molecular Biology



RECENT AWARDS

“In much of society, research means to investigate something you do not know or understand.”
-Neil Armstrong

TITLE	PI	DEPT	AGENCY	AMOUNT
Developing Community-Based Participatory Research Tools for Community Data Gathering and Analysis to Support Healthy Lifestyles-2010-11	Bullard, Robert	EJRC	Robert Woods Johnson Foundation	\$100,000.00
Mechanical Testing of Co-Meld Coupons	Mintz, Eric	HIPPAC	U.S. Department of Defense/M&P Technologies under U.S. Air Force	\$4,003.00
Advanced Hybrid Structures	Mintz, Eric	HIPPAC	McConnell Company	\$6,992.00
Minority Science Improvement: Concepts-Driven Guided Inquiry Learning of General and Organic Chemistry	Mintz, Eric	HIPPAC	U.S. Department of Education	\$342,427.00
Advanced Hybrid Structures-PBI	Mintz, Eric	HIPPAC	PBI Performance Products, Inc.	\$1,393.00
GPU Computing Cluster for Simulation and Visualization	Molnar, Peter	Computer Science	U.S. Department of Defense/U.S. Army RDECOM	\$150,000.00
Atlanta University Center (AUC) Sustainable Campus Community Initiative (ASCCI)	Olatidoye, Olugbemiga	Dual Degree Engineering	U.S. Department of Energy ARRA FUNDING	\$250,000.00
HBCU Long-term Wellness Project	Scipio, Karla	Student Health Services	John Snow, Inc	\$5,000.00
Empowering African American/Black college students to Increase awareness of HIV/AIDS risk factors and acquire HIV risk avoidance/reduction behaviors	Scipio, Karla	Student Health Services	U.S. Department of Health and Human Services/Office of Minority Health/Advocates for Youth	\$20,000.00
Georgia Space Grant College and Fellowship Program	Shute, Marcus	Research and Sponsored Programs	National Aeronautics and Space Administration / Georgia Institution of Technology	\$6,500.00
Ultra-Compact, Low-Cost, and Robust Volume Holographic Spectrometers	Shujaee, Khalil	Computer Science	National Science Foundation/Prospect Photonics	\$105,539.00
Separation of Armchair SWNTS by Using Polymer Conformation Guided Assembly	Wang, Xiao	Physics	U.S. Department of Defense/University of Akron	\$96,000.00
Public Awareness Impact Communications Grant	Williams, Wendy	WCLK	Corporation for National Broadcasting	\$25,000.00

FUNDING OPPORTUNITIES

❖ STEM

1. RESEARCH EXPERIENCE FOR TEACHERS (RET) IN ENGINEERING AND COMPUTER SCIENCE

The Directorate for Engineering (ENG) and the Directorate for Computer and Information Science and Engineering (CISE), Research Experiences for Teachers (RET) in Engineering and Computer Science program supports the active involvement of K-12 science, technology, engineering, computer and information science, and mathematics (STEM) teachers and community college faculty in engineering and computer science research in order to bring knowledge of engineering, computer science, and technological innovation into their classrooms.

- **FUNDING OPPORTUNITY NUMBER:** 11-509
- **AWARD INFORMATION:** The maximum total request for a Site is \$500,000 for a duration of up to three years.
- **APPLICATION CHECKLIST:** [APPLICATION GUIDE](#)
- **DEADLINES:**
 - **Proposal Submission:** 4:00PM, February 28, 2011

2. WOMEN AND SEX/GENDER DIFFERENCES IN DRUG AND ALCOHOL ABUSE/DEPENDENCE (R01)

The purpose of this Funding Opportunity Announcement (FOA) issued by the National Institute on Drug Abuse (NIDA) and National Institute on Alcohol Abuse and Alcoholism (NIAAA) is to advance research on male-females differences in drug and alcohol abuse and addiction and on factors specific to women. Both human and animal model studies are sought.

- **FUNDING OPPORTUNITY NUMBER:** PA-11-047
- **AWARD INFORMATION:** Applicants requesting \$500,000 or more in direct costs in any year (excluding consortium F&A) must contact [NIH PROGRAM STAFF](#) at least 6 weeks before submitting the application.
- **DEADLINES:**
 - **Proposal Submission:** 4:00PM, February 5, 2011

❖ STUDENT

3. STUDENT INTERNSHIP OPPORTUNITIES NASA FIELD CENTERS

The Academies are intensive educational programs emphasizing group activities, teamwork, research, and creativity. The curriculum balances direct contact with science and engineering R & D with an awareness of the managerial, political, financial, social and human issues faced by aerospace professionals. The Academies have separate focus areas of leadership (NASA Academy), robotics, aeronautics, space and planetary science, and propulsion.

- **FUNDING OPPORTUNITY NUMBER:** N/A
- **AWARD INFORMATION:** N/A
- **APPLICATION CHECKLIST:** [GENERAL GUIDELINES](#)
- **DEADLINES:**
 - **Proposal Submission:** January 18, 2011 (applicant applies directly to program)

“Education should be one of our top funding priorities; talking about it does not help the teachers and students who desperately need promises fulfilled.”
-Solomon Ortiz

FUNDING OPPORTUNITIES (cont...)

4. [STUDENT INTERNSHIP OPPORTUNITIES NASA FIELD CENTERS](#)

The Transforming Undergraduate Education in Science, Technology, Engineering, and Mathematics (TUES) program seeks to improve the quality of science, technology, engineering, and mathematics (STEM) education for all undergraduate students. This solicitation especially encourages projects that have the potential to transform undergraduate STEM education, for example, by bringing about widespread adoption of classroom practices that embody understanding of how students learn most effectively.

- **FUNDING OPPORTUNITY NUMBER:** NSF 10-544
- **AWARD INFORMATION:** \$35,800,000 through this solicitation for new and ongoing awards, pending availability of funding.
- **APPLICATION CHECKLIST:** [FASTLANE NSF HELP](#) or download instructions from [GRANTS.GOV](#)
- **DEADLINES:**
 - **Proposal Submission:** 4:00PM January 14, 2011

5. [NIJ Ph.D. GRADUATE FELLOWSHIP PROGRAM](#)

The NIJ Ph.D. Graduate Research Fellowship (GRF) program provides awards for research on crime, violence, and other criminal justice-related topics to accredited universities that support graduate study leading to research-based doctoral degrees. NIJ supported disciplines are social and behavioral sciences, operations technology, information and sensors research and development, and investigative and forensic sciences.

- **FUNDING OPPORTUNITY NUMBER:** NIJ-2011-2821
- **AWARD INFORMATION:** GRF fellowship is \$25,000
- **APPLICATION CHECKLIST:** [SOLICITATION](#)
- **DEADLINES:**
 - **Proposal Submission:** 5:00PM February 28, 2011

To receive solicitations specific to your research expertise please visit
[GRANTS.GOV](#)

Please remember to **check the RSP Public Folder on Outlook for other funding opportunities!** Visit <http://owa.cau.edu/public> and login to view.

Below are the steps to viewing Funding opportunities and other announcements in the Public Folder using your Outlook:

1. Select the folder icon on the bottom of the left tab
2. Select "public folders"
3. Select the Research and Sponsored Programs folder
(Be sure to click directly on the plus sign)

This folder includes the following items:

- Fellowships
- Funding Opportunities (separated by agency)
- Student Opportunities
- Workshops/Events

*"There is no substitute for face to face reporting and research."
-Thomas Friedman*



ANNOUNCEMENTS

⇒ **SAVE THE DATE:**

Morehouse College and the National Endowment for the Humanities *present an* Application-Writing Workshop

- **THURSDAY, JANUARY 20, 2011**

LOCATION: *Kilgore Center, 2nd Floor Seminar Rooms*

10:00-10:30 Registration, informal meet-and-greet
10:30-11:30 Overview of Endowment programs and special initiatives by John Cox, NEH Senior Program Officer
11:30-11:45 Question and answer period
12:00-1:00 Lunch
1:00-2:00 Mock Panel Session / Strategies for application writing
2:00-2:15 Question and answer period
2:15PM Closing remarks

- **FRIDAY, JANUARY 21, 2011**

9:00-12:00 Individual 15-minute appointments with NEH staff member

This workshop is free and open to all, but pre-registration by January 20 is requested; please email Obie Clayton at oclayton@morehouse.edu to reserve a seat. To schedule an individual meeting for Friday, January 21, please email jcox@neh.gov by Friday, January 14.

⇒ **SAVE THE DATE:**

2011 Nanotechnology Summer Internships Special Opportunity <http://www.nnin.org>

- 10 week program with Stipend, Travel and Housing
- One on-line application (75 positions)
- Award Process Begins on March 10, 2011
- Application Deadline

* On-line – February 9, 2011

* By mail – February 16, 2011

⇒ **SAVE THE DATE:**

It's the 7th Annual National Symposium on Prostate Cancer to be held at Clark Atlanta University on May 22 – 24, 2011.

MORE INFORMATION WILL FOLLOW!!

"The outcome of any serious research can only be to make two questions grow where only one grew before."

-Thorstein Veblen

RSP REMINDERS

- ⇒ Please remember to visit the RSP re-engineered website! New features and additional information on the site include: research centers, core facilities, proposal alert notification form, research compliance committees, SRC space allocation/request guidelines and forms, student research highlights, publications, funding opportunities, online training, and MORE!!
- ⇒ YouTube...here we come! RSP will begin using social networks such as YouTube and other sites to highlight faculty and student experiences and research expertise. Some of you have already been contacted about conducting short video clips relating to your expertise. If you are interested in having your projects/programs highlighted, please email research@cau.edu and someone will contact you! (Requesting Student Volunteers)
- ⇒ As a reminder: It is very important that you submit your completed proposal, budget, and signed routing sheet 5 days prior to the agency deadline.

[PROPOSAL ROUTING FORM AND INFORMATION](#)

If you would like to be highlighted in the next RSP Radar Newsletter, send an email to research@cau.edu



"Happy Holidays"



from the Division of Research and Sponsored Programs



Dr. Marcus W. Shute
Vice President

Clark Atlanta University



Research and Sponsored Programs



Ms. Carol Johnson
Director

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