Spotlight on... Carpe Diem. The rallying cry of “seize the day” is echoing across research institutions as researchers are being urged to take advantage of the billions of dollars allocated to federal agencies to fund research activities. The dollars are part of the recently approved economic stimulus plan known as the American Recovery & Reinvestment Act of 2009 (ARRA). The actual implementation of how the dollars will be awarded by major agencies such as the National Science Foundation, the National Institutes of Health, Department of Energy and Department of Defense, differs across agencies. However, it make take the form of projects that are “shovel ready”, can be contained within two years, employ graduate and undergraduate students, require major instrumentation proposals, special new programs or be added as supplements to existing grants. There is quite definitely the feeling of cautious optimism in the air. No, that is not true—it is more like static energy. See inside for more information. Seize the day! Carpe diem!

April Benasich, Professor Center for Molecular and Behavioral Neuroscience

As simple as the questions may seem they are less evident to children diagnosed with Autistic Spectrum Disorders (ASD). April Benasich builds on her considerable research in the field by positing that “the same methods that have been used successfully by developmental and experimental psychologists for over 20 years to identify the information processing and early language capabilities of infants and children, can be adapted to assess language and cognition in a group of children with autism who have not responded to more traditional assessments.” This belief is being put to the test for the next two years with funding of $422,387 from Autism Speaks. The research is being conducted in collaboration with Valerie Shafer, Associate Professor at the City University of New York.

Over the years April’s research has been funded by the National Institutes of Health, the Santa Fe Institute, the Don and Linda Carter Foundation, and the Ellison Foundation.

Edward Berger, Librarian Dana Library—Newark

The cool sounds of the “Kings” of swing and jazz, Benny Goodman and Benny Carter, will be preserved for future generations under a $296,000 project funded by the Andrew W. Mellon Foundation. The sound recordings will be transformed from analog to digital. Researchers will benefit from the rare or unique, not commercially issued recordings of these two great figures of American music.

Hint: This bite out of the apple forms part of the Research Office Direct Stimulus Plan (RODSP). See p.10.
READ ALL ABOUT IT ...

The American Recovery and Investment Act

Overview

http://www.recovery.gov/
http://www.aaas.org/spp/rd/stim09c.htm - the view from AAAS

National Institutes of Health

http://www.nih.gov/recovery/index.htm - NIH and the ARRA
http://grants.nih.gov/recovery/ - NIH Funding Opportunities
http://grants.nih.gov/grants/funding/challenge_award/ - Challenge grants deadline is April 27, 2009
http://grants.nih.gov/grants/funding/challenge_award/Omnibus.pdf — Listing of all challenge areas


http://grants.nih.gov/grants/guide/notice-files/NIGMS-09-068.html - Competitive Revision Applications
Deadline is April 21, 2009


http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-09-005.html - Biomedical Research Core Centers

National Science Foundation - http://www.nsf.gov/recovery/


Selected Other

http://www.defenselink.mil/recovery - Department of Defense

http://www.energy.gov/recovery/ - Department of Energy

http://www.dhs.gov/xopnbiz/recovery.shtm - Department of Homeland Security
http://www.usdoj.gov/recovery/ - Department of Justice

GRANTS.GOV

http://www.grants.gov/applicants/recovery.jsp
INTERNAL ADMINISTRATIVE GUIDELINES— one size does not fit all programs

GENERAL OVERVIEW

1) Notify the Research Office of your intent to submit a proposal and the program targeted.
2) Complete the endorsement form for all proposals.
3) Begin the process of obtaining any human/animal approval. The turn around time is quick and the protocols must be in place.
4) Suggest that all titles begin with ARRA as all awards under this program must be reported separately.
5) Submit budgets early to the Research Office early for review.
6) Submit proposals to the Institute/Center and NOT the Division of Receipt and Referral.
7) Requires cover letter.
8) Requires Authorized Official signature.
9) Reporting is separate from the parent. Quarterly reports required.

Administrative Supplements

2) Budget is generally a maximum of 50% of the current year of funding of the parent grant. Add a postdoc/graduate student/animal supplies etc.
3) Uses PHS398 forms.
4) Email attachments is the best way to submit. Submitted via the Research Office.
5) Detailed budget is required. Scope is 5 pages only.
6) Supplement does not extend the project period.
7) Proposal submission is sent to the Institute/Center and NOT the Division of Receipt and Referral.
8) Requires cover letter.
9) Requires Authorized Official signature.
10) Reporting is separate from the parent. Quarterly reports required.

Challenge Grants - RC1—RFA-OD-09-003

1) Uses the grants.gov submission process.
2) Maximum budget of $1,000,000 over 2 years.
3) Detailed budget required.
4) Resource Sharing Plan required.
5) Must cite challenge topic in the project summary.
6) Research plan is 12 pages only.
7) Due date is April 27—WARNING—SUBMIT EARLY.

CONSTRUCTION / INSTRUMENTATION GRANTS

<table>
<thead>
<tr>
<th>Announcement Number</th>
<th>Title</th>
<th>Issuing Org</th>
<th>Release Date</th>
<th>Receipt Date(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFA-RR-09-007</td>
<td>Recovery Act Limited Competition: Core Facility Renovation, Repair, and Improvement (G20)</td>
<td>NCRR</td>
<td>03/05/2009</td>
<td>09/17/2009</td>
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<tr>
<td>RFA-RR-09-008</td>
<td>Recovery Act Limited Competition: Extramural Research Facilities Improvement Program (C06)</td>
<td>NCRR</td>
<td>03/05/2009</td>
<td>Multiple - See Announcement</td>
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<tr>
<td>PAR-09-118</td>
<td>Recovery Act Limited Competition: High-End Instrumentation Grant Program (S10)</td>
<td>NCRR</td>
<td>03/05/2009</td>
<td></td>
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</tbody>
</table>

Page 3
Newark Grants Office (NGO):
Accounting and Reporting Requirements for Stimulus Funding

The most discussed and pressing issue presently in NGO is the fund accounting of monies being awarded to Rutgers University under the American Recovery and Reinvestment Act (ARRA). The ARRA is applicable for a two (2) year period (2009-2011) and will provide recovery funds to create and maintain jobs and to accelerate scientific discoveries. The reporting on the use of the administrative supplements is separate and distinct from the parent grant which still requires its regular annual reporting. As a recipient of the Recovery and Reinvestment Act funds, Rutgers University (through NGO and PIs) is required to provide certain technical and financial reports which include, but are not limited, to the following:

**Quarterly Technical (Scientific) and Financial Reports which are due ten (10) calendar days after the end of each calendar quarter beginning July 10, 2009.**

These financial reports should clearly indicate the total amount of Recovery Funds received from each agency.

The amount of Recovery funds received that were obligated and expended on projects and activities thus far.

The name of the project or activity.

A description of the project or activity.

An evaluation of the completion status (% completion) of the project or activity.

Detailed information on subcontracts awarded with stimulus money.

Estimates of the number of jobs created and the number of jobs retained by the project.

In order to ensure compliance with the recovery funds accounting stipulations listed above and to track these funds more efficiently and effectively, Rutgers University is implementing the following additional requirements:

- Monthly monitoring of the dollars expended from the stimulus awards.
- Preparation and submission of monthly invoices in the cases where Rutgers is the subcontractor.
- Cash receipts applied against these monthly invoices.
- Monthly check list for Accountants to monitor for slow/excessive burn rates, zero expenses, fully executed agreements (where applicable), special terms and conditions on Notices of Awards, etc.

It is going to take our collective efforts to ensure compliance with tracking the mandated deliverables in a timely manner listed above so we in Newark Grants Office look forward to making a concerted effort to work with all PIs, Business Managers, Departmental Administrators, Research Office and everybody else within our research community to ensure our compliance with the special financial reporting and management of your hard won funds.

From the Desk of Guy Narine
# List of Awards for Rutgers Newark (January 2009 – March 2009)

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Funding Agency</th>
<th>Project Title</th>
<th>Award Amount</th>
<th>Award Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benasich</td>
<td>April</td>
<td>CMBN</td>
<td>Autism Speaks</td>
<td>$422,397</td>
<td>New</td>
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<tr>
<td>Benasich</td>
<td>April</td>
<td>CMBN</td>
<td>Assessing information processing and capacity for understanding language non-verbal children with Autism</td>
<td>$115,000</td>
<td>Continuation</td>
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<tr>
<td>Berger</td>
<td>Edward</td>
<td>Dana Library</td>
<td>Andrew Mellon Fdn.</td>
<td>$296,000</td>
<td>New</td>
</tr>
<tr>
<td>Berger</td>
<td>Edward</td>
<td>Dana Library</td>
<td>Longitudinal Development and Intermediate Phenotypes of Dyslexia</td>
<td>$304,172</td>
<td>Renewal</td>
</tr>
<tr>
<td>Bush-Baskette</td>
<td>Stephanie</td>
<td>Cornwall Center</td>
<td>City of Newark, Dept. of Child and Family Well Being</td>
<td>$200,000</td>
<td>New</td>
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<tr>
<td>Buzsaki</td>
<td>Gyorgy</td>
<td>CMBN</td>
<td>Urban Newark Behavioral Risk Factor Survey-Year 2</td>
<td>$143,019</td>
<td>New</td>
</tr>
<tr>
<td>DiTomaso</td>
<td>Nancy</td>
<td>RBS-MGB</td>
<td>Leveraging Thought Diversity</td>
<td>$272,107</td>
<td>Continuation</td>
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<tr>
<td>Friedman</td>
<td>Wilma</td>
<td>FASN-Biology</td>
<td>A Genetic Approach to Study the p75 Neurotrophin Receptor</td>
<td>$3,722</td>
<td>Continuation</td>
</tr>
<tr>
<td>Galoppini</td>
<td>Elena</td>
<td>FASN-Chemistry</td>
<td>Model Dyes for Study of Molecule/Metal Oxide Semiconductor Interfaces and Electron Transfer Processes</td>
<td>$360,568</td>
<td>Continuation</td>
</tr>
<tr>
<td>Gates</td>
<td>Alexander</td>
<td>FASN-Earth &amp; Environmental Sciences</td>
<td>Palisades Interstate Parks Commission</td>
<td>$304,172</td>
<td>Renewal</td>
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<tr>
<td>Gates</td>
<td>Alexander</td>
<td>FASN- Earth &amp; Environmental Sciences</td>
<td>NSF</td>
<td>$14,355</td>
<td>Supplement</td>
</tr>
<tr>
<td>Gluck</td>
<td>Mark</td>
<td>CMBN</td>
<td>Newark African-American Alzheimer’s Disease Health Literacy Program</td>
<td>$36,000</td>
<td>New</td>
</tr>
<tr>
<td>Grant</td>
<td>Erica</td>
<td>FASN-Dean’s Office</td>
<td>Dissemination of Self-Regulated Learning Model to Improve Student Performance</td>
<td>$3,722</td>
<td>Continuation</td>
</tr>
<tr>
<td>He</td>
<td>Huixin</td>
<td>Chemistry</td>
<td>A Sensitive Molecular Detection Platform Based on Self-Assembled Conducting Polymer Nanojunctions in a Carbon Nanotube Network</td>
<td>$115,000</td>
<td>Continuation</td>
</tr>
<tr>
<td>Hill</td>
<td>Diane</td>
<td>OCCR</td>
<td>After School College Readiness Initiative</td>
<td>$20,000</td>
<td>New</td>
</tr>
<tr>
<td>Holzapfel</td>
<td>Claus</td>
<td>FASN-Biology</td>
<td>Establishing a long term ecological management and monitoring plan for Liberty State Park</td>
<td>$24,850</td>
<td>New</td>
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<tr>
<td>Kelling</td>
<td>George</td>
<td>School of Criminal Justice</td>
<td>University of Chicago</td>
<td>$88,762</td>
<td>New</td>
</tr>
</tbody>
</table>
# List of Awards for Rutgers Newark (January 2009 — March 2009)

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Funding Agency</th>
<th>Project Title</th>
<th>Award Amount</th>
<th>Award Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kettenring</td>
<td>Patricia</td>
<td>RBS</td>
<td>SNJ-Council on the Arts RBS Sponsored Arts Management Intern Program</td>
<td>$18,000</td>
<td>Renewal</td>
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<tr>
<td>Kim</td>
<td>Haesun</td>
<td>FASN-Biology</td>
<td>Caveolin-1 Altered Neuregulinism in Diabetic Neuropathy</td>
<td>$29,944</td>
<td>Continuation</td>
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<tr>
<td>Kitson</td>
<td>Jessica</td>
<td>Law School</td>
<td>Rutgers-Newark Pro Bono Program</td>
<td>$10,000</td>
<td>Renewal</td>
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<tr>
<td>Koos</td>
<td>Tibor</td>
<td>CMBN</td>
<td>Dopamine modulation of the neostriatal feedback circuitry</td>
<td>$273,411</td>
<td>Continuation</td>
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<tr>
<td>ogilvie dt</td>
<td>RBS</td>
<td>NJ State Council on the Arts</td>
<td>Scholmers Training and Enrichment Program</td>
<td>$15,000</td>
<td>Continuation</td>
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<tr>
<td>Pare</td>
<td>Denis</td>
<td>CMBN</td>
<td>Role of Intercalated amygdala neurons in the extinction of conditioned fear</td>
<td>$386,250</td>
<td>New</td>
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<tr>
<td>Price</td>
<td>Clement</td>
<td>FASN-History</td>
<td>Marion Thompson Wright Lecture Series-2009</td>
<td>$7,000</td>
<td>Renewal</td>
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<tr>
<td>Price</td>
<td>Clement</td>
<td>FASN-History</td>
<td>U.S. History Saturday Academy: Spring 2009</td>
<td>$21,000</td>
<td>Increment</td>
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<tr>
<td>Reich</td>
<td>Simon</td>
<td>Division of Global Affairs</td>
<td>Immigration, Integration and Security, Post 9/11</td>
<td>$50,000</td>
<td>New</td>
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<tr>
<td>Siegel</td>
<td>Ralph</td>
<td>CMBN</td>
<td>Recovery of Visual Perception by Light-Gated Channels in Retinal Ganglion Cells</td>
<td>$115,875</td>
<td>New</td>
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<tr>
<td>Tallal</td>
<td>Paula</td>
<td>CMBN</td>
<td>The Temporal Dynamics of Learning</td>
<td>$65,819</td>
<td>Continuation</td>
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<tr>
<td>Tractenberg</td>
<td>Paul</td>
<td>Law School</td>
<td>Reestablishing Local Control of the Newark Public Schools</td>
<td>$20,000</td>
<td>New</td>
</tr>
<tr>
<td>Williams</td>
<td>Junius</td>
<td>FASN-Urban Studies</td>
<td>Committee of Advocates (COA)</td>
<td>$20,000</td>
<td>Renewal</td>
</tr>
<tr>
<td>Williams</td>
<td>Junius</td>
<td>FASN-Urban Studies</td>
<td>Abbott Leadership Institute</td>
<td>$157,000</td>
<td>Renewal</td>
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<tr>
<td>Williams</td>
<td>Junius</td>
<td>FASN-Urban Studies</td>
<td>Abbott Leadership Institute -- Grow Your Own Teachers, Newark</td>
<td>$75,000</td>
<td>New</td>
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<tr>
<td>Williams</td>
<td>Junius</td>
<td>FASN-Urban Studies</td>
<td>Trustee Awards for Youth Media Symposium-Abbott Leadership Institute</td>
<td>$3,000</td>
<td>New</td>
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<tr>
<td>Xiong</td>
<td>Hui</td>
<td>RBS/CIMIC</td>
<td>2008 IBM Exploratory Analytics Innovation Faculty Award for Exploiting Location Sensing Data for Characterizing Movement Patterns</td>
<td>$20,000</td>
<td>New</td>
</tr>
<tr>
<td>Yeagle</td>
<td>Philip</td>
<td>FASN-Dean's Office</td>
<td>Intergovernmental Personnel Act Assignment for Dr. Jane Gilman</td>
<td>$16,828</td>
<td>Supplement</td>
</tr>
</tbody>
</table>

**EYE on PI (from NIH– Extramural Nexus)**

**Tips for Great Grant Writing, Part 2: Get to Know the Projects and Activities of NIH-funded PIs**

Learning more about projects already funded by NIH can be a great help when you are preparing your grant proposal. Using the Research Portfolio Online Reporting Tool (RePORT), you can craft a comprehensive search of all NIH funding activities according to your specific interests. This search will result in a list of funded projects, for each of which you will be able to view an abstract.
Rutgers-Newark - Number of Submitted Proposals by Month, July 2008-March 2009

Rutgers-Newark - Number of Submitted Proposals by Department, January 2009-March 2009

- School of Criminal Justice: FY09—2, FY08—3, FY07—1
- RBS/CIMIC: FY09—0, FY08—0, FY07—0
- Rutgers Business School: FY09—10, FY08—8, FY07—6
- School of Law: FY09—5, FY08—5, FY07—4
- Faculty of Arts and Sciences: FY09—15, FY08—13, FY07—11
- Dana Library: FY09—0, FY08—0, FY07—0
- Cornwall Center: FY09—0, FY08—0, FY07—0
- College of Nursing: FY09—0, FY08—0, FY07—0
- CMBN: FY09—0, FY08—0, FY07—0
- Chancellor's Office: FY09—0, FY08—0, FY07—0
- Center for Global Research: FY09—0, FY08—0, FY07—0

- Biological Sciences—3
- Chemistry—6
- Dean's Office—1
- Earth and Environmental Sciences—7
- IECME—3
- Physics—1
- Political Sciences—2
- Psychology—5
- Urban Education—4
Cost Share

It is university policy NOT to approve voluntary cost share in any part of the proposal. See Hot Topics on page 9.

Glorious Days of Summer—National Science Foundation (NSF) Salary Allowance

Effective January 1, 2009 the maximum salary request is 2 months per year.
Example: Request is for 1 month of summer salary in each funded year.
Year 1 is used in August 2009.
Year 2 eligibility begins in July 2010-June 2011.
Year 3 eligibility begins July 2011.
However, there is no year 3 if grant ends June 2011 or earlier.

APPROVED BUDGETS

Budgets should be approved in the Research Office before submission to external agencies.

LEAVE FOIA TO OTHERS

The Newark campus has had a recent spate of requests for proposals under The Freedom of Information Act. Two PIs had two each!!
Do not respond directly to requests. The Research Office will notify all the appropriate campus parties and formulate a response in collaboration with the PI and university legal counsel.
Proposals are in the public domain and any member of the public is able to request the information. The federal agency will remove all personal information and materials considered to be proprietary or commercial.
Progress reports are included in the information that can also be made available.

THE TIES THAT BIND

The Director Sponsored Programs is the designated Authorized Official on matters relating to grants and contracts.
It is the University that is the legal entity able to enter into agreements with outside parties. Individuals, schools and centers do not commit the University.
THE THORNY ISSUE OF COST SHARE: WHEN VOLUNTEERISM IS NOT A VIRTUE

Cost share can be a thorny issue. It has become so misunderstood that the National Science Foundation (NSF) recently revised its policy to clarify that mandatory cost share is an eligibility and not a review criterion. Essentially this position refutes the expectation of some principal investigators that voluntary cost share gives their proposal a competitive edge.


Based on the considerable feedback from the research community, the major Task Force recommendation is to prohibit voluntary committed cost share in NSF proposals and thus eliminate post-award tracking and reporting requirements.

The sponsored research community everywhere will breathe a sign of relief.
This is what participants in our April 8 JAM session for new faculty and faculty new to sponsored research received as part of their stimulus package.

Certificate of Participation awarded to

for mastering the art of making
Sponsored Research Gumbo
by using the finest ingredients of the yummy proposal endorsement form, & mmm, good electronic grants submissions, & by managing the rich proposal budget, & then adding your own secret recipe for delicious collegiality.

Scenes from the closing session of GUMBO. Participants display great concentration on the crossword puzzle that captured information from all the sessions.