

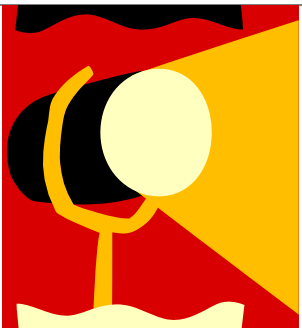
Research News

Vol. 6 No 1



This issue features the success stories of several new faculty and Young Investigators successful in receiving their first major federal funding.

The Research Office introduces three new initiatives aimed at improving services to the community. (See page 2)



Spotlight on...

Patience, persistence and perspiration make an unbeatable combination for success.
[Napoleon Hill](#)

Jonathan Eckstein, Rutgers Business School
Jonathan may very well believe in the value of persistence. That persistent effort was recently rewarded with not one, but two federal grants at the same time. One grant in the amount of \$358,499 came from the National Science Foundation. The second grant is from the Air Force in the amount of \$452,617. **Andrzej Ruszcynski, RBS** is a Co-PI on the latter grant.

Karina Schafer, FASN/ Biological Sciences
It did not happen immediately and it did not start big but Karina now has five active grants. Karina's most recent grant was from the Dept. of Energy in the amount of \$549,343. Karina's research is also funded by the National Science Foundation.

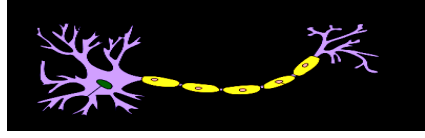
SWEET!

Ionnis Sakellaridis, FASN/Mathematics and Computer Sciences
Ionnis achieved success with his first proposal to the National Science Foundation. He was recently awarded \$116,376 to pursue his research on the relationship between spherical varieties and the Langlands program.

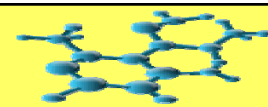
Patrice Maurel, FASN/ Biological Sciences
Patrice was recently awarded \$337,240 by the National Institutes of Health. The objective of Patrice's research over the next five years is to identify molecular components that regulate the communication between axon and myelinating glia.

Kristina Keating, FASN/Earth and Environmental Sciences
Kristina was awarded \$150,000 from the Department of Energy. Her research aims to develop borehole and surface-based measurement techniques to monitor ground-water contaminants.

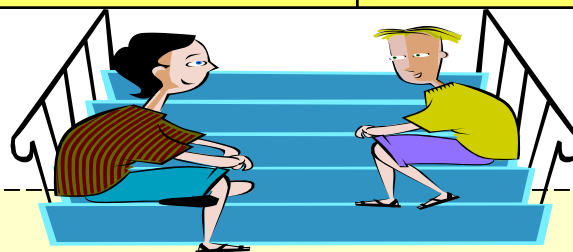
SUCCESS!



SWEET!



Start a conversation
Join the Conversation
Start you own social network



ANNOUNCING RUTGERS UNIVERSITY-NEWARK
COMMUNITY OF SCHOLARS ON-LINE FORUM

A new source of information, collaboration and opportunity for scholarly research and grant funding specifically for Rutgers-Newark Faculty.

- Operated by the Research Office
- Simple to use
- Available through your Blackboard account

To access, simply:

- Log onto your regular Blackboard account
- Click on 1. Community of Scholars in My Organizations
- Announcements give campus-wide notices and Resources are for general grants and research
- Choose as many areas of interest you wish to be involved
- Join conversations, broadcast resources, opportunities and requests, and post events

Imagine This!

You can electronically sign, email and fax the endorsement form around the Campus

See page 3 for more details.

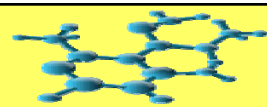


Do the SurveyMonkey

This survey must be completed before a proposal is submitted.

The purpose is to notify the Research Office of your intent to submit a proposal and provide information that would better enable us to serve your needs.

https://www.research.net/s/Grant_Assistance_Portal_Link



“Time is money.” – Benjamin Franklin

got grants?

*Pick my left pocket of its silver dime,
but spare the right - it holds my
golden time!*

~Oliver Wendell Holmes

In an effort to save PIs time The Research Office will accept electronic signatures, scanned, emailed and faxed signed endorsement forms. **Here is how it works:-**



Scenario One

PI signs electronically

PI obtains Department Head/Chair Signature (original or electronic)

PI forwards (email) to Dean’s Office—Erica Grant for FASN

PI forwards (email) to RU Foundation—Jennifer Smith—**NON FEDERAL/STATE/CITY ONLY**

Endorsement form is accompanied by proposal and budget.

PI/Department responsible for sending complete form to the Research Office via email or fax

(preaward@andromeda.rutgers.edu) (fax = 1536)

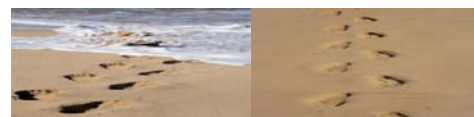
Scenario Two

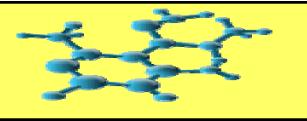
If signing parties do not have access to electronic signature or scan ability - use word document (located on the Research Office website)

Scenario Three

CMBN faculty and all persons reporting to the Chancellor also send endorsement form to the Vice Chancellor for Research (A.Gates) for signature.

Of course if you prefer to walk it around campus and deliver it personally we will be glad to see you and accept your documents.





got grants?

Effort Reporting

Effort Reporting is our means of providing assurance to sponsors that:

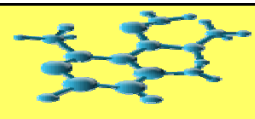
1. Salaries charged to sponsored projects are reasonable in relation to the work performed, and
2. Faculty and staff have met their commitments to sponsored projects.

Success in the effort realm depends on careful attention to important issues throughout the sponsored projects lifecycle and communication with the P.I. Below are the Top 10 things a P.I. should know about effort:

Top 10 Things a P.I. Should Know about Effort

1. Effort is your work on a project, whether the sponsor pays your salary or not
2. When you write yourself into a grant proposal, you are *committing* your effort to the sponsor.
3. If you reduce your effort, paid or unpaid, on a federal grant by 25%, you must have agency approval. If you reduce your paid effort, you may choose to document cost-sharing so that the total effort does not decrease.
4. Many activities cannot be charged to a federally sponsored project. For example, the time you spend on these activities cannot be charged:
 - ✕ Writing a proposal
 - ✕ Serving on an IRB, IACUC or other research committee
 - ✕ Serving on a departmental or university service committee
5. If you work on a sponsored project, you must certify your effort.
6. Certifying *effort* is not the same as certifying *payroll*.
7. Certification must *reasonably* reflect *all* the effort for *all* the activities that are covered by your University compensation.
8. Effort is *not* based on a 40-hour work week. It's not based on hours at all.
9. Effort must be certified by someone with *suitable means of verifying* that the work was performed.
10. In identifying audit findings, auditors look for indications that certification was based on factors other than actual, justifiable effort.

Robert C. Andresen, Assistant Director Research And Sponsored Programs, University of Wisconsin – Madison



POST AWARD CORNER
From the Desk of Guyaram Narine

Subject: Effort Certification and Reporting Technology (ECRT)

Effective January 2012 there will be a new system to account for Effort Certification at the University. In preparation for the implementation of this new system, Division of Grant and Contract Accounting in collaboration with the Newark Grants Office have sponsored a number of Information Sessions on this topic. There was one session for Effort Coordinators and Back Up Coordinators on September 19, 2011 and two sessions for Principal Investigators/Faculty Members on October 7, 2011. We were also invited to a couple of (School) Chair Meetings at which we did presentations. All parties involved with Effort Certification should be knowledgeable with the logistics and features of this new system. In order to stress the urgency and importance of the implementation of the new system, I am replicating an email that was sent out by Richard Edwards, Interim Executive Vice President for Academic Affairs, and Bruce C. Fehn, Senior Vice President for Finance and Administration on August 1, 2011 below:

“ We are writing to inform you that the University has begun the implementation of a new web-based effort reporting system which is targeted for completion in January 2012. Effort reporting is a federal requirement under 2 CFR 220 (OMB Circular A-21). Effort reporting is the method of certifying to the granting agencies that the personnel effort required as a condition of a sponsored award has actually been completed. Since 1981, the University has relied on the Personnel Activity Reporting System (PACE) to satisfy federal effort reporting requirements for sponsored programs. This paper-based, manually intensive system is technologically outdated and lacks mechanisms to meet changing regulations and conditions.

In the last several years, audits of educational institutions receiving federal contracts and grants have resulted in settlement agreements and/or levying of multi-million dollar fines for non-compliance with federal effort reporting regulations. Given the increased scrutiny on the adequacy of effort reporting systems and processes, Rutgers purchased the Effort Certification and Reporting Technology (ECRT) from the Huron Consulting Group. ECRT, currently deployed by many AAU research universities, leverages Rutgers' investment in RIAS to address the University's need for an improved effort reporting system and will support faculty in meeting federal requirements, which is critical to the University's research mission.

ECRT will enable campus departments and central administrative offices to achieve the following goals:

Strengthen compliance with federally mandated effort reporting requirements

Streamline processing of effort reporting by providing online effort review and certification capability

Eliminate paper processing of personnel effort reports

Enhance reporting capability and flexibility by ensuring timely online data access

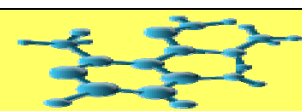
Provide online access to current and historical effort reporting information

Improve business processes by reducing time spent reporting effort in both departments and the central grant accounting offices

An ECRT Implementation Team has been established to ensure a smooth transition to the new system. An Effort Coordinators Advisory Team has also been identified, and the formation of a Faculty Advisory Council by the Division of Grant and Contract Accounting is under way. Both advisory groups will work closely with the ECRT implementation team and coordinate communication between the research community and the project team throughout the implementation process.

An ECRT Implementation website has been established at http://postaward.rutgers.edu/ecrt_home.html.

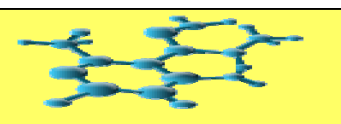
Thank you in advance for your cooperation and support”.



List of Awards for Rutgers Newark (July 2011 – September 2011)

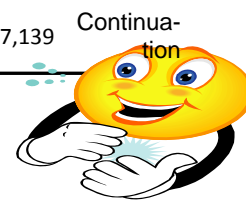
LAST NAME	FIRST NAME	DEPARTMENT	FUNDING AGENCY	TITLE	AMOUNT	TYPE
Abruzzo	James	RBS	Victoria Fdn.	General Support for the Center for Non-profit and Philanthropic Leadership	\$15,000	New
Auffant	Charles	School of Law-Newark	NJ State Bar Fdn.	Youth Advocacy Project of the Community Law Clinic	\$38,500	Renewal
Braga	Anthony	School of Criminal Justice	City of Boston, Police Department	Smart Policing-Evidence Based Law Enforcement	\$105,472	New
Buzsaki	Gyorgy	CMBN	NIH/NIMH	Hippocampal Interneuronal Network (MH 54671)	\$29,079	Increment
Canty-Barnes	Esther	School of Law-Newark	NJ State Bar Fdn.	NJ State Bar Foundation Fellowship Program for Special Education Clinic	\$38,500	Renewal
Cohen	Laura	School of Law-Newark	NJ State Bar Fdn.	Street Law Program at Rutgers School of Law-Newark	\$35,464	Renewal
Delgado	Mauricio	Kent Harber FASN-Psychology	NIH/NIMH	Modulation of human reward circuitry by social factors	\$29,723	Increment
Delgado	Mauricio	Lauren Leotti FASN-Psychology	NIH/NIDA	Neural Basis of Perceiving Control: Implications for Emotion Regulation	\$51,326	Continuation
Diner	Steven	Alexander Gates Chancellor's Office	NSF	LSAMP - The Garden State Alliance for Minority Participation	\$1,000,000	Continuation
Eckstein	Jonathan	RBS-MSIS	NSF	Approximate Augmented Lagrangians: First-Order and Parallel Optimization Methods	\$358,499	New
Eckstein	Jonathan	Andrzej Rusczyński RBS-MSIS	US Air Force Office of Scientific Research	Coherent Risk-Adjusted Decisions Over Time: A Bilevel Programming Approach	\$141,371	New
Farmer	John	Sandra King School of Law-Newark	The Fund for NJ	Due Process	\$75,000	New
Farmer	John	Sandra King School of Law-Newark	NJ State Bar Foundation	Due Process	\$47,500	New
Flynn	Linda	College of Nursing	US DHHS-HRSA	Nurse Faculty Loan Program	\$288,723	New
Friedman	Wilma	FASN-Biological Science	NIH/NINDS	Neuron-specific effects of IL-1B	\$231,250	New
Gates	Alexander	Matthew Shook FASN-Earth and Environmental Sciences	Palisades Interstate Park Com.	Highlands Environmental Research Institute	\$10,000	Supplement
Gluck	Mark	CMBN	NIH/NIMH	Serotonin Genes & Individual Differences in Reward vs. Punishment - Based Learning	\$7,700	Increment
Guichard	Alycia	School of Law-Newark	Equal Justice America	Street Law Program at Rutgers School of Law - Newark	\$4,000	New
Hassan	Mahmud	RBS/Finance	HealthCare Institute of NJ	Impact of Systematic Loss of Revenue on Employment in the Biopharmaceutical Industry: A Meta Analysis	\$18,112	New
Heider	Barbara	CMBN	The Regents of the University Of California	Recovery of visual perception by light-gated channels in retinal ganglion cells	\$115,500	Continuation

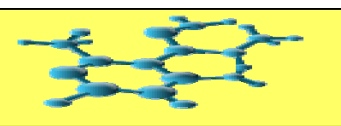




List of Awards for Rutgers Newark (July 2011 – September 2011)

LAST NAME	FIRST NAME	DEPARTMENT	FUNDING AGENCY	TITLE	AMOUNT	TYPE	
Hill	Diane	OUCP	Boro. of Roselle	Borough of Roselle After School College Readiness Initiative	\$20,000	New	
Holzemer	William	College of Nursing	Robert Wood Johnson Fdn.	Faculty Preparation Program: New Jersey Nursing Initiative RWJF Phase II	\$1,793,057	New	
Holzer	Marc	SPAA	Northern NJ Community Fdn.	Civic Engagement Project	\$6,000	New	
Hopper	Brenda	RBS/NJSBDC	Skanska USA Inc.	2011 Skanska Building Blocks Workshop Series	\$1,750	New	
Hopper	Brenda	RBS/NJSBDC	Constant Contact	2011 NJSBDC Procurement Expo	\$1,500	New	
Jaekle	Frieder	FASN-Chemistry	NSF	Conjugated Organoboron Oligomers and Polymers: Functional Building Blocks for Supramolecular Structures	\$400,000	New	
Jones	Douglas	RBS-MSIS	CTB/McGraw-Hill	Bayesian Updating of Test Norms and Optimal Sample Designs CTB/McGraw-Hill	\$119,527	New	
Keating	Kristina	FASN-Earth and Environmental Sciences	Clara Vista, Inc.	Low Cost NMR Technologies for Monitoring Biological and Geochemical Processes in the Subsurface	\$19,735	New	
Keating	Kristina	Lee Slater & Dimitrois Ntarlagiannis	FASN-Earth and Environmental Sciences	Dept. of Energy	Integrated geophysical measurements for bioremediation monitoring: combining SIP, NMR, and MS methods	\$150,000	New
Kennedy	Leslie	School of Criminal Justice	Univ. of Calgary	Request for Qualifications: GPS-Electronic Monitoring Applications Study	\$26,450	New	
Kim	Haesun	FASN-Biological Science	NJ Commission on Brain Injury Research	Effects of diffused axonal injury on myelin and myelinated axons	\$540,000	New	
Kitson	Jessica	School of Law-Newark	IOLTA Fund of the Bar of NJ	Neisser Pro Bono Program	\$4,000	New	
Komisaruk	Barry	FASN-Psychology	NIH/NIGMS	Minority Biomedical Research Support Program at Rutgers-Newark	\$624,224	Renewal	
Komisaruk	Barry	FASN-Psychology	cerbomed GmbH	Concha Vagus "Pacemaker" Project	\$63,972	New	
Komisaruk	Barry	Eleni Frangos	FASN-Psychology	Patty Brisben Fdn.	Neurological basis for loss of sexual pleasure after hysterectomy	\$47,080	New
Koos	Tibor	CMBN	Tourette Syndrome Assoc.	Analysis of the role of the functional loss of neuron populations associated with Tourette Syndrome in the symptomatology of the disorder	\$65,000	New	
Laguna	Asela	FASN-Classical & Modern Languages & Literature	Japan Foundation	Enhancing Japanese language instruction beyond basic level at Rutgers-Newark: Salary support for instructor	\$6,647	New	
Lev	Elise	Lucille Eller	College of Nursing	NIH/NIGMS	Efficacy of Interventions to Promote Research Careers	\$227,139	Continuation

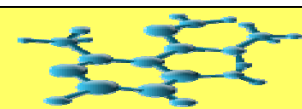




List of Awards for Rutgers Newark (July 2011 – September 2011)

LAST NAME	FIRST NAME	DEPARTMENT	FUNDING AGENCY	TITLE	AMOUNT	TYPE	
Mandelbaum	Randi	School of Law-Newark	NJ State Bar Fdn.	Child Advocacy Center	\$46,000	Renewal	
Mandelbaum	Randi	School of Law-Newark	NJ State Bar Fdn.	Child Advocacy Center: Aging Out: Don't Miss Out Project	\$30,000	Renewal	
Maurel	Patrice	FASN-Biological Science	NIH/NINDS	Nectin-like cell adhesion molecules and the mechanism of myelination	\$337,240	New	
Mensah	Yaw	RBS	NSF	Dr. Vijay Atluri - Intergovernmental Personnel Assignment to NSF	\$267,967	New	
ogilvie	dt	RBS/MGB	PNC Fdn.	Entrepreneurship Pioneers Initiative	\$25,000	New	
Piotrowski	Suzanne	SPAA	Fdn. to Promote Open Society	1st Global Conference on Transparency	\$39,670	New	
Plinio	Alex	RBS	Prudential Fdn.	Institute for Ethical Leadership: Prudential Nonprofit Executive Leadership Fellows Program	\$150,000	New	
Plinio	Alex	RBS	Merck Sharp & Dohme Corp.	Ethical Leadership Conference	\$1,659	Increment	
Price	Clement	FASN-History	NJ Historical Commission	Marion Thompson Wright Lecture Series 2012	\$5,000	New	
Price	Clement	FASN-History	NJ Council for the Humanities	Education in Newark Speaker Series	\$10,926	New	
Robinson	Kelly	SPAA-Cornwall Center	Liberty Science Center	Evaluation of Electronic Field Trips for Teaching Youth the Science of Nutrition and Exercise	\$10,000	New	
Robinson	Kelly	SPAA-Cornwall Center	City of Newark	City of Newark Community Health Profile Update-2011	\$8,400	New	
Rosen Valverde	Jennifer	School of Law-Newark	Verizon	Special Education Clinic at Rutgers School of Law - Newark	\$5,000	New	
Sadovnik	Alan	Paul Tractenberg	SPAA	Ford Fdn.	Newark Schools Research Collaborative: Operational Funding	\$150,000	Renewal
Sadovnik	Alan	SPAA	Victoria Fdn.	Newark Schools Research Collaborative: Surveys of Newark Public School Teachers, Administrators, Students and Parents	\$150,000	Renewal	
Sakallardis	Ioannis	FASN-Mathematics & Computer Science	NSF	Spherical varieties in the Langlands program	\$116,376	New	
Schafer	Karina	FASN-Biological Science	NSF	Collaborative Research: Controls affecting greenhouse gas fluxes in restored and natural tidal wetlands	\$82,687	New	
Schafer	Karina	FASN-Biological Science	US Dept. of Agriculture - Forest Service	Carbon Inventory and Wood Decomposition Measurements—NJ Pine Barrens	\$41,535	Continuation	
Schafer	Karina	FASN-Biological Science	Dept. of Energy	Effects of Disturbance on Carbon Sequestration in the NJ Pine Barrens	\$195,865	New	
Slater	Lee	Dimitrios Ntarlagiannis	FASN- Earth and Environmental Sciences	Oklahoma State University	Biogeophysics for Optimized Mitigation of Hydrocarbon Contaminated Soils	\$191,345	New





List of Awards for Rutgers Newark (July 2011 – September 2011)

LAST NAME	FIRST NAME	DEPARTMENT	FUNDING AGENCY	TITLE	AMOUNT	TYPE
Smith-Stephens	Valerie	College of Nursing	HRSA	Scholarships for Disadvantaged Students	\$57,702	Continuation
Sturm	Jacob	FASN-Mathematics & Computer Science	NSF	Canonical Metrics in Kahler Geometry	\$137,143	Continuation
Walker-McCall	Deborah	FASN-Academic Foundations	NJ Dept. of Agriculture	Summer Food Agreement	\$16,587	Renewal
Walker-McCall	Deborah	FASN-Academic Foundations	NJ Dept. of Agriculture	Summer Food Agreement	\$18,786	Renewal
Walker-McCall	Deborah	FASN-Academic Foundations	US Dept. of Education	Talent Search (Irvington and Orange)	\$230,000	New
Walker-McCall	Deborah	FASN-Academic Foundations	US Dept. of Education	Talent Search (East Orange)	\$230,000	New
Walker-McCall	Deborah	FASN-Academic Foundations	US Dept. of Education	Student Support Services Program	\$231,103	Continuation
Williams	Junius	FASN-Urban Education	Public Interest Projects, Inc.	Abbott Leadership Institute - New Jersey Education Organizing Collaborative	\$40,000	Renewal
Williams	Junius	FASN-Urban Education	Public Interest Projects, Inc.	The Abbott Leadership Institute	\$1,180	Continuation
Wu	Zhen	FASN-Physics	Office of Naval Research	Miniaturization Limits of Atomic Magnetometers.	\$8,947	Increment



DO YOU KNOW?

Updated Grant Search Capability

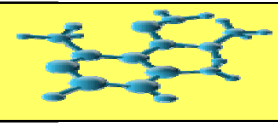
The on-line funding opportunity search and faculty expertise tools that Rutgers subscribes to have been upgraded and integrated into a new single tool. **Refworks/COS** (www.cos.com) and **ScholarUniverse** (www.scholaruniverse.com) are now called **COS Pivot** (<https://pivot.cos.com/>). This upgraded service combines the funding opportunity search capabilities of COS and the faculty expertise search capabilities of ScholarUniverse into a new, integrated tool called **Pivot**. If you already have a COS account, simply use the same user ID and password to log into Pivot, and all of your COS data will transfer over to Pivot automatically. If you conduct a search for your own expertise profile in Pivot, it will automatically conduct a search for funding opportunities matching your existing ScholarUniverse profile.

HAVE YOU HEARD?

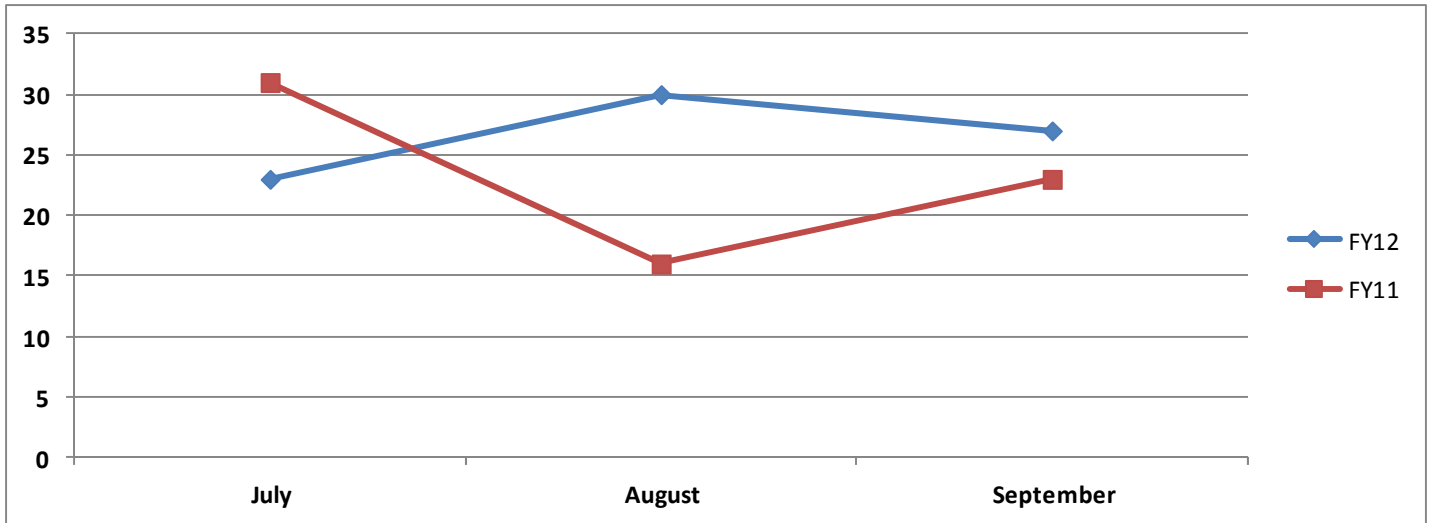
Rutgers has a new internal funding opportunity—Faculty Research Grant Program 2012. Find out more here: <http://vpr.rutgers.edu/faculty-research-grant-program.php>

NIH is operating under a new Continuing Resolution—non competing grants will be awarded at FY11 amounts minus 1.5 percent

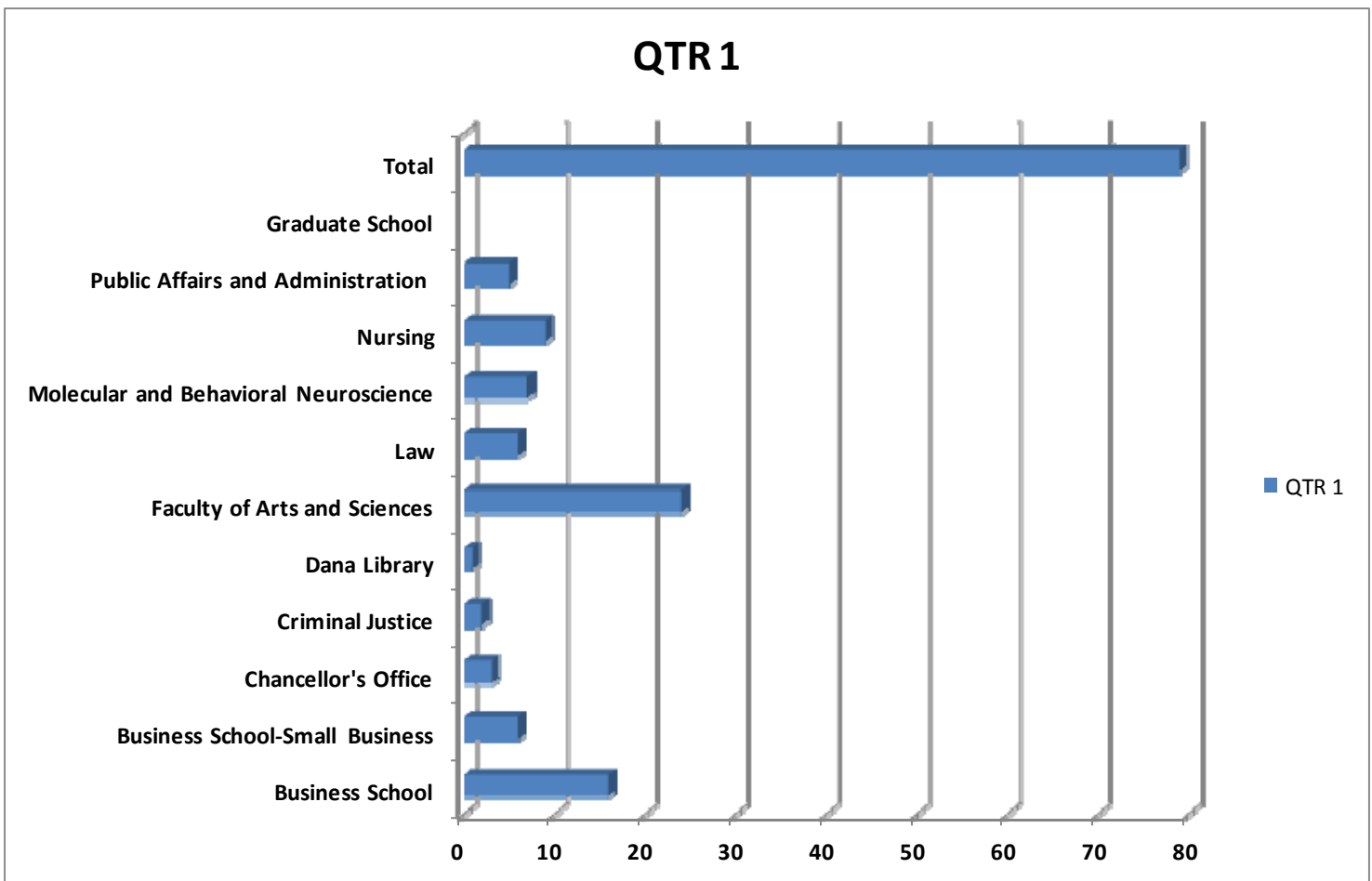
<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-12-004.html>

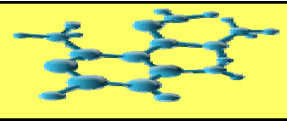
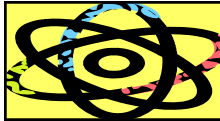


Number of Proposals by Month (based on completed endorsement forms), July 2011-September 2011



Number of Proposals by Dept. (based on completed endorsement forms), July 2011-September 2011

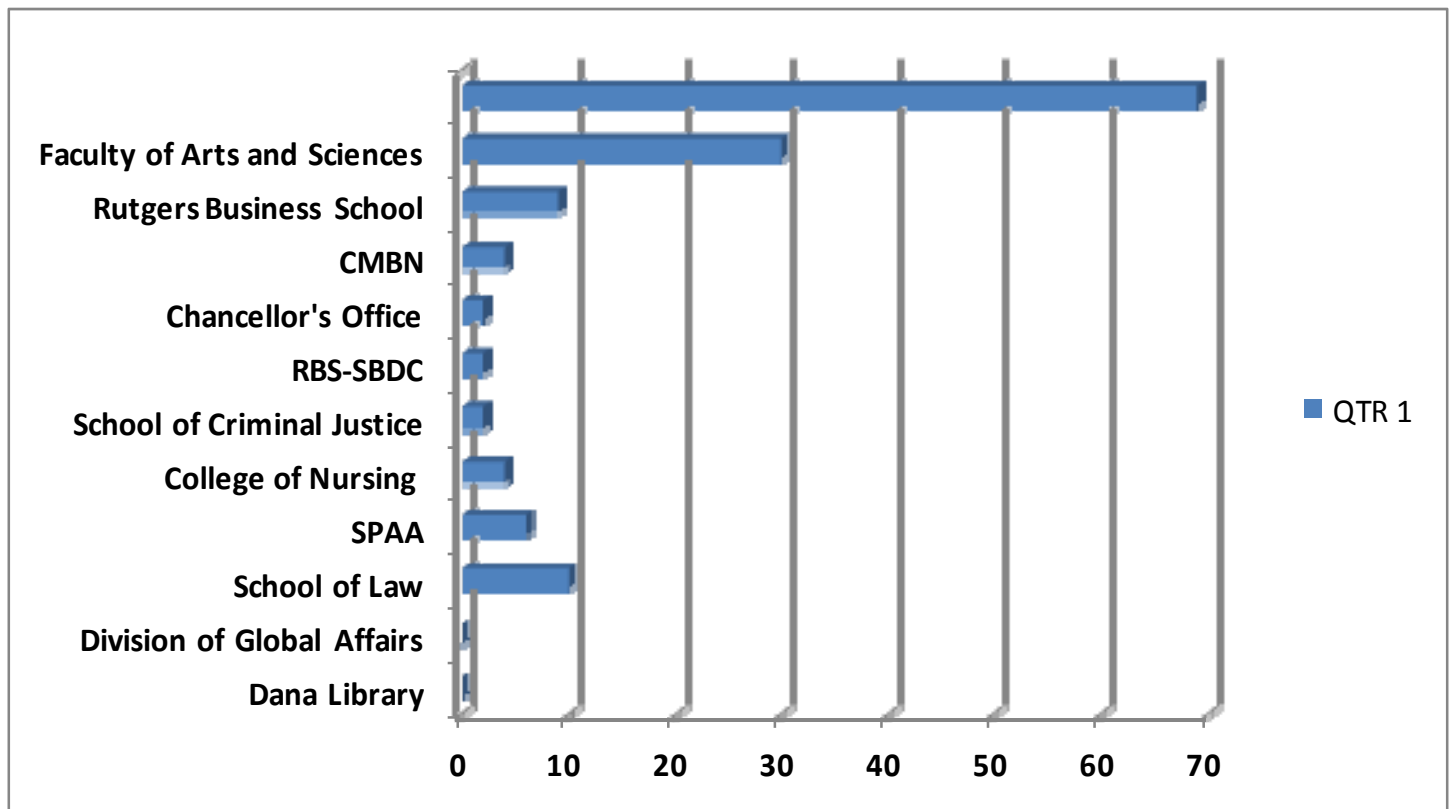




IN MEMORIAM

The Research Office notes the passing of Dr. Ralph Siegel, Professor, Center for Molecular and Behavioral Neuroscience. Dr. Siegel's research projects, over many years, were funded by the National Institutes of Health, Department of the Army and the Whitehall Foundation.

Number of Awards by Dept. July 2011-September 2011



Alas and alack—there were no entries and therefore no winners in the competition to guess the amount of the campus total awards in FY11.

<http://researchoffice.newark.rutgers.edu/>



Research Office
Blumenthal Hall, Suite 206
249 University Ave
Newark, NJ 07102
Phone: 973-353-1537
Fax: 973-353-1536

Contacts:

- Jacqueline Cornelius**, Director
973-353-1538, jcorneli@andromeda.rutgers.edu
- Patricia Bender**, Research Contracts/Grants Specialist
973-353-1539, pbender@andromeda.rutgers.edu
- Timothy Kirby**, Research Contracts/Grants Specialist
973-353-3461, timkirby@andromeda.rutgers.edu
- Wanda James**, Assistant
973-353-1537, wandaj@andromeda.rutgers.edu