

Research News

Vol. 4 No 4



The summer break is when many faculty and staff devote time to writing new proposals and this summer is no exception, as the diagram on page 8 reveals. The hope is for the funding payoff down the road.

The awards in the fourth quarter also increased and are listed on pages four to seven.

Compliance tips can be found on pages two and nine. They should not be taken lightly. The Research Office will be offering several training opportunities in the Fall for faculty and staff and will soon make those opportunities available for registration.

Here is a teaser for you. The annual report will reveal good news so be sure to read it when it is published later in the summer.



Spotlight on...

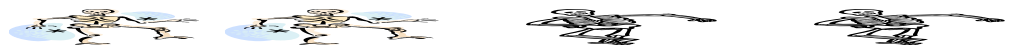
THE EXQUISITE CORPSE

PAUL ROBESON GALLERY,
ANONDA BELL, DIRECTOR



Who knew that a corpse could be involved in a fun drawing game and create art as well?

The staff at the Paul Robeson Gallery did. Ninety two artists, as young as four to 104 years and with varying skills and artistic abilities from new to well established, were recently invited to participate in a drawing game/art display at the gallery. The game was first invented by the Surrealists and relies on blind collaboration and chance. A single piece of paper is folded vertically into three sections. In each of these sections an artist executes a drawing of a single section of the human body, be it head, torso or legs, without knowledge of the previous contributions, or knowing who their fellow collaborators were. Once each section of the drawing was completed, the work was returned to PRG, and then forwarded to the next artist. Great fun was had by all.



This game negated the limitations of geography, involving many artists outside the major metropolitan areas. At the opening reception the drawings were revealed for the first time, and artists were able to meet their fellow artists. The emphasis on using the mind as a source of inspiration attempted to eliminate the pressure to produce a piece of 'fine art', liberating participants to both have fun and explore ideas. The subject of the human figure is rich and ripe for investigating notions of self and culture, and it is one that has intrigued artists for centuries. It is a game that keeps on giving and the participants are now able take the game into various communities, to play with and stimulate the imagination of the participants, continuing a cycle of PRG programming.

SAILING THE HIGH SEAS

Yuan Gao and Adam Kustka
Earth and Environmental Sciences

Yuan received \$300,000 from the National Science Foundation and will sail the Artic aboard a Chinese ship in search of some answers regarding present and future consequences of global climate change.

Adam has received additional NSF funds of \$321,000 to join a research vessel sailing the Ross Sea (Antarctica) to evaluate biochemical elements that have the potential for a significant impact on the global carbon cycle.

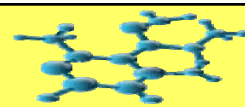
Rutgers students will be involved in both expeditions.



PREDICTING CRIME THROUGH INCARCERATION

Todd Clear, Dean, School of Criminal Justice

The \$299,000 received from the Department of Justice will be used to gather and study the effects of prison cycling and has important implications for criminal justice policy and practice. The study is in collaboration with Natasha Frost at Northeastern University



ARRA Report ●●●by the numbers

The Funding Response to Date



NIH in house proposals	-	2
NSF in house proposals	-	3
NIH Administrative supplement	-	1
NIH Student Summer Research Experience	-	1
Health Resources and Services Administration (HRSA)	-	1
NIH Subcontract	-	1
NIH ARRA specific proposal	-	1

IN THE PIPELINE (Good Leaks)

NIH

Enhancing Peer Review: New NIH Policy on Post-Submission Application Materials

Notice Number: NOT-OD-10-115

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-10-115.html>

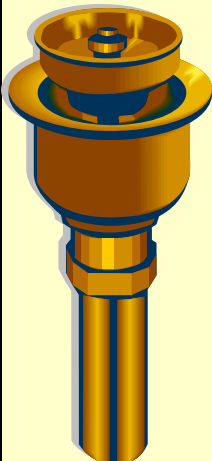
Related Notices

June 11, 2010 - [NOT-OD-10-104](#) Enhancing Peer Review: Advance Notice on Post-Submission Application Materials for NIH Training and Related Applications.

- May 21, 2010 - [NOT-OD-10-091](#): Enhancing Peer Review Advance Notice: New NIH Policy on Post-Submission Application materials
- March 24, 2010 - [NOT-RR-10-006](#) Notice of a Change in NCRR Policy on Accepting Appendix Material
- March 19, 2010 - [NOT-OD-10-070](#) Amended NIH Policy on Submission of Late Grant Application Materials Prior to Initial Peer Review
- June 25, 2009 - [NOT-OD-08-082](#) NIH Policy on Submission of Additional Grant Application Materials



NIH



Investing In Translational Research

... the NIH are committed to seeking knowledge and applying that knowledge to reduce the burden of disease and disability. The vast majority of NIH's biomedical research dollars are invested in the former, with results continually reported and built upon. However, it is equally important that basic biomedical knowledge be used to build new approaches and ways to improve health and treat illness. It is this part of the scientific continuum that is drawing attention as a growth area in biomedical research and is one of NIH Director Dr. Collin's [five themes for NIH](#). (Extract from July 2010 Extramural Nexus)

More here -<http://nexus.od.nih.gov/nexus/nexus.aspx?>

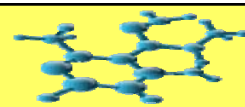
NSF

Press Release 10-077 May 10, 2010

Scientists Seeking NSF Funding Will Soon Be Required to Submit Data Management Plans

Government-wide emphasis on community access to data supports substantive push toward more open sharing of research data.





POST AWARD CORNER



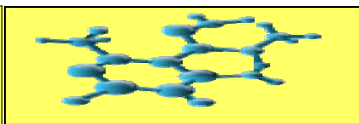
From the Desk of Guyaram Narine



Basic Steps to Take When PI is in Receipt of a New Award: (After the dance of celebration)

- **R**eview the budget entries in the university accounting system to ensure it matches what the PI proposed and what was approved by the sponsor.
- **R**eport any discrepancies to the Newark Grants Office.
- **B**egin the required personnel process early to engage necessary personnel.
- **P**ay particular attention to job classification/payroll position codes under which these personnel will be paid. This is important because the position codes will trigger what fringe benefit rates will apply. For instance, if a Type 4 employee (position code 991) is miscoded as a Type 1 employee (position code 001) the fringe benefit rate that will be activated by the system because of this error would be 34.6% instead of 7.5%. This will cause the account to be charged 27.1% (34.6%-7.5%) more in fringe benefit expenses.
- **M**onitor the F & A Costs (Indirect Costs) associated with the account. Ensure that you take these costs into consideration at the approved rate. Do not include excludable items in the Indirect Cost Base (e.g. Equipments > \$5,000, Subcontract amounts > \$25,000, Participant Support, Stipends, Student Aid, Etc).
- **A**nalyze commitments to insure that they are valid before you include them in your calculations.
- **C**heck for restricted budget items that cannot be re-budgeted. For example, Participant Support.
- **R**evue accounts on a monthly basis, at the minimum. Ensure expense items are properly coded. If an error is discovered, please take immediate action to correct such error. For example, if an expense needs to be reclassified or removed, process payroll form or journal immediately to reclassify or remove expense.
- **R**econcile your shadow system (internal department spreadsheet, for example) with the university's accounting system.
- **A**uthorize the issuance of any subcontracts and monitor all its activities. Review, approve and forward all invoices to the Newark Grants Office: Attn Jessica Shea, Subcontract Specialist.
- **N**ote that all Foundation and other private award letters, checks, applications must be processed via the Newark Research Office and the Newark Grants Office.

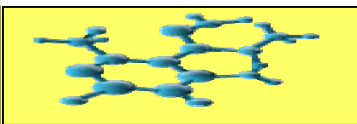




List of Awards for Rutgers Newark (April 2010 – June 2010)

LAST NAME	FIRST NAME		DEPARTMENT	FUNDING AGENCY	TITLE	AMOUNT	TYPE
Abercrombie	Elizabeth		CMBN	NIH/NINDS	Basil Ganglia Function in Huntington's Disease: Genetic Mouse Models	\$334,590	Continuation
Altan-Bonnet	Nihal		FASN-Biology	NSF	Investigations of Viral RNA Replication in Living Cells	\$164,420	Continuation
Anantharaman	Divya		RBS-ABEIS	Boston College	Private pension funds and alternative assets: Investments and Disclosure	\$25,025	New
Atluri	Vijay	Basit Shafiq, Soon Chun	CIMIC	SOSSEC, Inc.	Information Sharing across States' Incident Management Systems using UICDS	\$98,752	Continuation
Auffant	Charles		Law School	Victoria Fdn.	Rutgers School of Law-Newark Community Law Clinic	\$20,000	Renewal
Auffant	Charles		Law School	NJ State Bar Fdn.	Youth Advocacy Project at Covenant House	\$38,500	Renewal
Benasich	April		CMBN	MIT	Longitudinal Development and Intermediate Phenotypes of Dyslexia	\$115,000	Continuation
Bush-Baskette	Stephanie		Cornwall Center	Healthcare Fdn. of NJ	What About the Women?: Strategies for Keeping Women out of Prison" Conference	\$1,000	New
Bush-Baskette	Stephanie		Cornwall Center	Nicholson Fdn.	What About the Women?: Strategies for Keeping Women out of Prison Conference	\$1,000	New
Buzsaki	Gyorgy	Eran Stark (Fellow)	CMBN	International Human Frontiers in Science	Temporal spiking precision underlying memory measured by neuronal recordings and photo-stimulation	\$10,045	Supplement
Buzsaki	Gyorgy	Ken Harris	CMBN	NIH/NIDCD	CRCNS: Dynamics of the Auditory Cortical Column	\$305,913	Continuation
Buzsaki	Gyorgy		CMBN	NIH/NIMH	Hippocampal Interneuronal Network (MH 54671)	\$323,100	Continuation
Cali	Ann		FASN-Biology	Albert Einstein College of Medicine	New Opportunistic Infections in AIDS: Microsporidia	\$106,219	Renewal
Canty-Barnes	Esther		Law School	NJ State Bar Fdn.	Special Education Clinic at Rutgers School of Law-Newark	\$38,500	Renewal
Canty-Barnes	Esther		Law School	CVS Caremark Charitable Trust	Early Intervention Education and Outreach Project	\$50,000	New
Clear	Todd		School of Criminal Justice	National Institute of Justice	Predicting Crime Through Incarceration: Assess the Impact of Rates of Prison Cycling on Rates of Crime	\$298,490	New

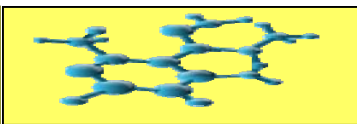




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Cohen	Laura	Law School	NJ State Bar Fdn.	Rutgers School of Law Newark Street Law Program	\$35,463	Renewal	
Delgado	Mauricio	Lauren Leotti	FASN-Psychology	NIH/NIDA	Neural Basis of Perceiving Control: Implications for Emotion Regulation	\$47,606	New
Delgado	Mauricio	Kent Harber	FASN-Psychology	NIH/NIMH	Modulation of human reward circuitry by social factors	\$330,244	Continuation
Delgado	Mauricio		FASN-Psychology	NIH/NIDA	Neural mechanisms of avoidance learning and active coping via emotion regulation	\$344,149	Continuation
Diner	Steven	Irene O'Brien	Chancellor's Office	American-Israeli Cooperative Enterprise	Schusterman Visiting Israeli Professor	\$50,000	New
Farris	George		RBS-MGB	IEEE, Inc.	Technology Management Research Center	\$5,200	Continuation
Friedman	Wilma	Carlos Ibanez	FASN-Biology	NIH/NIMH	A Genetic Approach to Study the p75 Neurotrophin Receptor	\$297,806	Continuation
Galoppini	Elena	Piotr Piotrowiak	FASN-Chemistry	US Dept. of Energy	Model Dyes for Study of Molecule/Metal Oxide Semiconductor Interfaces and Electron Transfer Processes	\$150,000	Continuation
Gao	Yuan		FASN-Earth and Envir. Sciences	NSF	Characterization of atmospheric iron over and its fluxes to the Southern Ocean through shipboard measurements	\$300,000	New
Gates	Alexander	Matthew Shook	FASN-Earth and Envir. Sciences	Palisades Interstate Park Commission	Highlands Environmental Research Institute	\$20,000	Continuation
Gates	Alexander	Charles Murphy; Ismael Calderon	FASN-Earth and Envir. Sciences	NSF	Highlands to Piedmont :A New Jersey Geoscience Program in Newark, NJ	\$333,094	Continuation
Guo	Li		FASN-Math & Computer Science	NSF	Rota-Baxter Algebra and Related Structures	\$140,400	New
He	Huixin		FASN-Chemistry	Polestar Tech, Inc.	Hydrogel-encapsulated Carbon Nanotube (CNT) Array for Enzyme-based Biological Fuel Cell	\$32,754	New
Hill	Diane		Chancellor's Office	Prudential Fdn.	Future Business Computing Institute	\$12,600	Renewal
Holzer	Marc		School of Public Affairs and Admin.	International Downtown Association	Institute of Business District Management: Census and National Survey	\$20,000	New

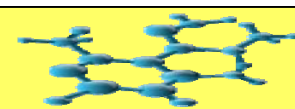




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Hooper	Brenda		RBS/SBDC	Novartis Pharmaceutical Corp.	2010 NJSBDC Procurement Expo	\$1,500	New
Hooper	Brenda		RBS/SBDC	Plaza Construction Corp.	2010 NJSBDC Procurement Expo	\$1,500	New
Hooper	Brenda	Deborah Smarth	RBS/SBDC	US Small Business Admin.	Veterans Entrepreneurial Training and Counseling	\$150,000	New
Hopper	Brenda	Deborah Smarth	RBS/SBDC	US Small Business Admin.	NJ Small Business Development Centers	\$2,994,605	Renewal
Jaekle	Frieder		FASN-Chemistry	NSF	Conjugated Organoboron Oligomers, Macrocycles, and Polymers	\$42,341	Supplement
Mandelbaum	Randi		Law School	NJ State Bar Fdn.	Child Advocacy Center: Aging Out Project	\$30,000	Renewal
Mandelbaum	Randi		Law School	NJ State Bar Fdn.	Child Advocacy Center	\$46,000	Renewal
Mendelsohn	Richard		FASN-Chemistry	Advanced Technologies and Regenerative Medicine, LLC	Vibrational Spectroscopic Characterization of Collagen/Hydroxyapatite Particles	\$5,000	New
Mosher	Lee		FASN-Math. & Computer Science	NSF	Geometry of the Outer Automorphism Group of a Free Group	\$126,591	New
ogilvie	dt	Leon Fraser	RBS	Tyco International Inc.	Scholars Training and Enrichment Program (STEP)	\$55,000	Continuation
Pare	Denis		CMBN	NIH/NIMH	Associative properties of the perirhinal network	\$385,104	Renewal
Phillips	Jayne Anne		FASN-English	County of Essex	Writers at Newark Reading Series and Book Group	\$6,000	Renewal
Plinio	Alex		RBS	Americian Express Fdn.	Emerging Leader Certificate Program	\$40,000	New
Plinio	Alex		RBS	Merck & Co. Inc.	Institute for Ethical Leadership General Operating Support & Merck Summer Bioethics Institute	\$210,000	New
Plinio	Alex		RBS	Prudential Financial, Inc	Gift from Prudential Financial	\$2,000,000	New
Price	Clement		FASN-History	County of Essex	Symposium on Spanish/Flamenco Dance and Culture	\$2,000	New
Price	Clement		FASN-History	NJ Historical Commission	Marion Thompson Wright Lecture Series - 2011	\$5,000	Renewal
Price	Clement		FASN-History	Gilder Lehrman Institute of American History	U.S. History Saturday Academy: Spring 2010	\$20,328	Renewal

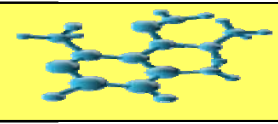




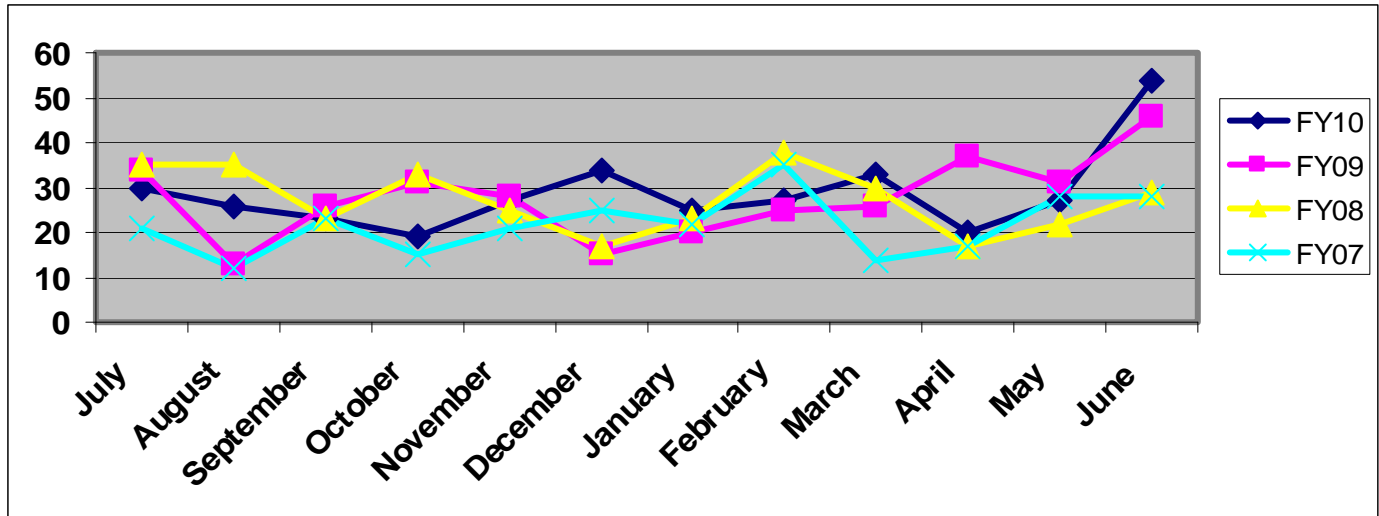
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Robinson	Kelly	Cornwall Center	Liberty Science Center	Evaluation of Self-Sufficient Urban Building Residency	\$1,500	New	
Robinson	Kelly	Cornwall Center	Liberty Science Center	Evaluation of Young Scientist Lab Workshop	\$5,000	New	
Ruszczynski	Andrzej	RBS-MSIS	NSF	Successive Risk-Neutral Approximations of Dynamic Risk-Averse Optimization Problems	\$200,000	New	
Scoloveno	MaryAnn	College of Nursing	Health Resources and Services Administration (HRSA)	Advanced Education Nurse Traineeship	\$62,580	Renewal	
Sheridan	John	Frieder Jaekle	FASN-Chemistry	NSF	New hybrid materials based on organosilicon and organoboron polymeric scaffolds	\$165,000	New
Slater	Lee	Mehrez El-waseif	FASN-Earth and Envir. Sciences	Society of Exploration Geophysicists Fdn.	Rutgers, Newark Novel Geophysical Characterization of a Deadly Rockslide in Cairo, Egypt	\$2,000	New
Slater	Lee	Andrew Parsekian	FASN-Earth and Envir. Sciences	EXXONMobil Corp.	Geologic controls on persistent isolated wetlands in the New Jersey Pine Barrens	\$5,000	New
Slater	Lee	Dimitrois Ntarlagiannis	FASN-Earth and Envir. Sciences	Minnesota Pollution Control Agency and Enbridge Energy, Limited Partnerships	Testing Recent Models for Field-Scale Biogeophysical Signatures Expected Over Mature Crude Oil Spills	\$10,000	New
Slater	Lee		FASN-Earth and Envir. Sciences	NSF	Collaborative Research: Quantification of Hydraulic Conductivity From Complex Electrical Measurements of the Effective Properties of Porous Media	\$39,267	Supplement
Slater	Lee		FASN-Earth and Envir. Sciences	US Dept. of Energy	A GeoPhysical Characterization and Monitoring Strategy for Determination	\$126,452	Continuation
Sturm	Jacob		FASN-Math & Computer Science	NSF	Canonical Metrics in Kahler Geometry	\$129,270	Continuation
Tepper	James		CMBN	CHDI Fdn., Inc.	In vivo studies of STN and GP neurons in BACHD mice	\$205,159	New
Tepper	James		CMBN	NIH/NINDS	Nigrostriatal Dopamine Function	\$334,590	Continuation
Williams	Junius		FASN-Urban Education	Public Interest Projects, Inc.	Abbott Leadership Institute	\$4,000	New
Williams	Junius		FASN-Urban Education	Turrell Fund	The Abbott Leadership Institute Youth Media Symposium	\$33,000	Renewal
Williams	Junius		FASN-Urban Education	Victoria Fdn.	The Abbott Leadership Institute	\$30,000	Renewal
Williams	Junius		FASN-Urban Education	The Schumann Fund for NJ	The Abbott Leadership Institute	\$35,000	Renewal

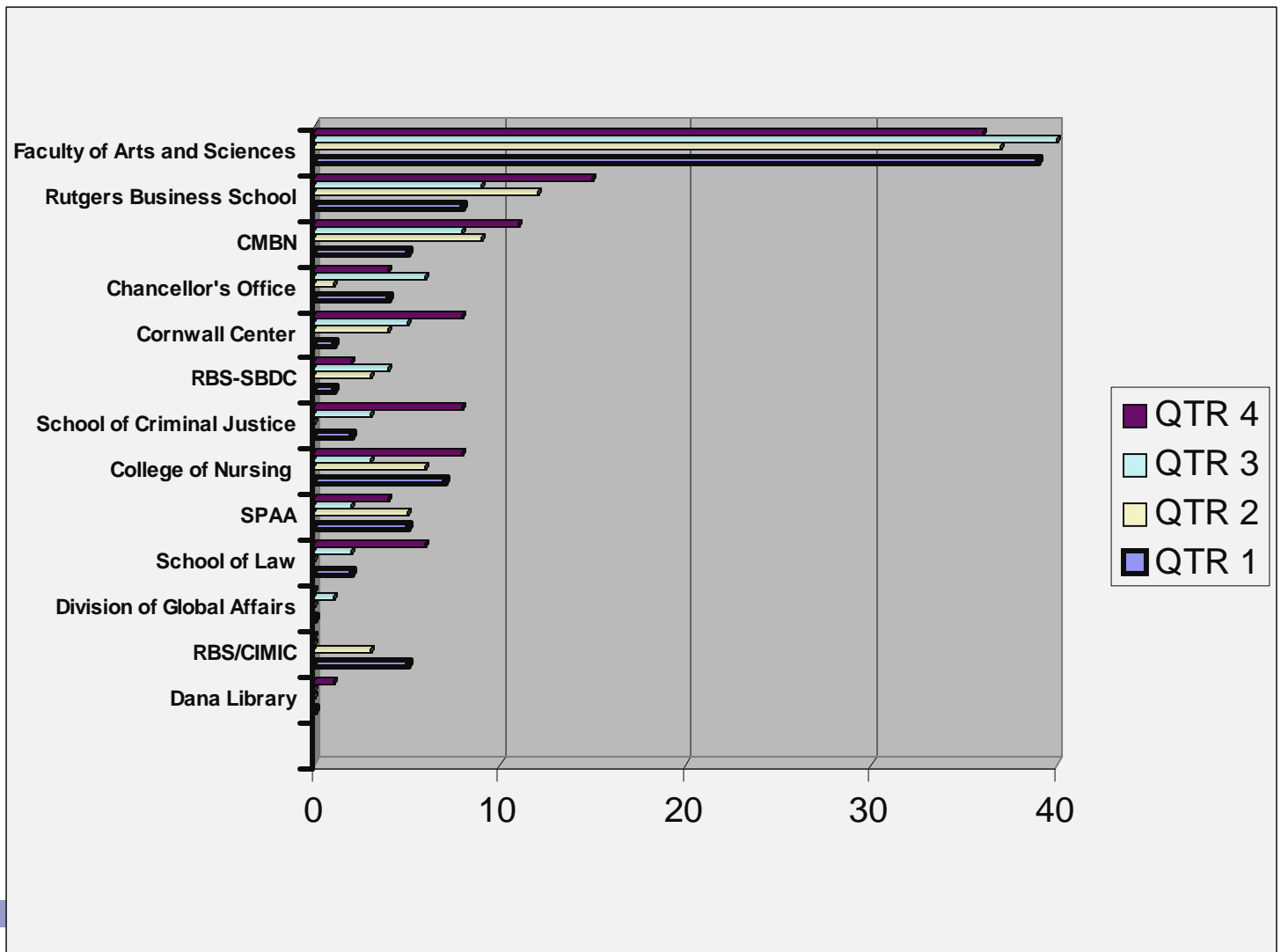


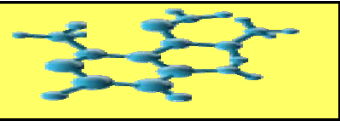


Number of Proposals by Month (based on completed endorsement forms), July 2009-June 2010



Number of Proposals by Dept. (based on completed endorsement forms), July 2009-June 2010





The (grants) facts of life

Or

How to avoid premature denials and delays



NIH triggers

Many questions relating to progress reports

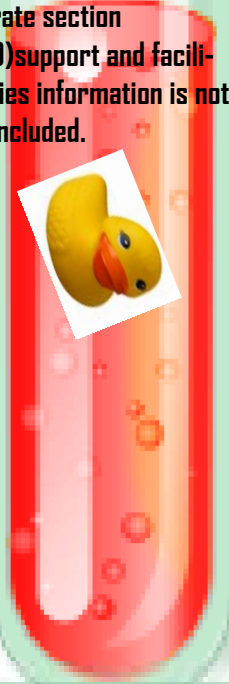
- A) time and effort that does not add up
 - increase or reduction
- B) lack of required PubMed information
- C) current human and animal approvals
- D) conflicts of interest



NSF triggers

Possible proposal formula failures if

- A) biographical format not followed
 - has more than 10 publications
 - contains personal data (birth date etc.)
- B) postdoctoral mentoring plan is missing
- C) prior NSF support results not in separate section
- D) support and facilities information is not included.



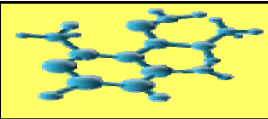
ALL

for continued results

File progress and final reports on schedule if you want your continuation or future funding.

Too many failures and it could affect the entire Rutgers system.





TO BETTER SERVE

The Research Office has a new Grants Specialist.

Timothy Kirby joined the staff on July 6, 2010. Tim was previously on the New Brunswick Campus as a Grants Facilitator. Tim brings that experience and previous work experiences in sponsored research at Montclair State University, NYU and Baruch College to the Newark campus community.

Please welcome Tim to Newark and keep him busy with your proposals.



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

RUTGERS
NEWARK

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