

Research News

Welcome

It is not yet Halloween but weird sights and sounds have been emanating from various parts of the campus. Sighs of relief on ending the funding drought, exclamations of joy on receiving that first grant and maybe even a jig or two. Shouts of bingo! were also heard. Why? you ask ...read page 5 to find out more.

This issue covers the fourth quarter of fiscal year 2008. The month of June ended on a very positive note as there was a spurt in funding from the National Institutes of Health and the expectation of more to come. These developments hold great promise for the new fiscal year.



Spotlight on...

Robert Atkins, Assistant Professor in the College of Nursing knows how to conduct a winning interview. He was on the list of finalists for the Robert Wood Johnson Nurse Faculty Scholars Award. Each finalist then had to face a panel of interviewers who then selected the recipients. Robert's project will focus on the youth of Camden and is titled *Adolescents as Healthy Agents and Consumers: the knowledge, behavior, attitudes and experiences of youth living in high-poverty, urban neighborhoods*. He will be funded for three years in the amount of \$350,000.

Nihal Altan-Bonnet, Assistant Professor in the Department of Biological Sciences with funding from the National Science Foundation will use viral RNA specific molecular beacons to test the hypothesis that CVB3 and other picornaviruses may take advantage of Arf1 activity to generate a specialized membrane replication domain. If that is indeed the case, her novel approach can be applied to many other RNA viruses. The project will be funded at close to half a million dollars over four years.

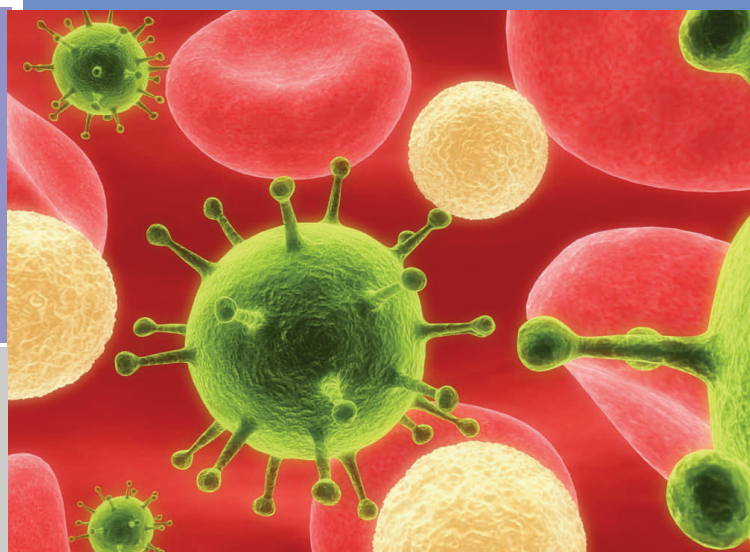
Junius Williams, Director, Abbott Leadership Institute. It is a tribute to the various activities of Junius and his staff that many Foundations recognize the value and impact of his work with Newark's youth and their parents. The Institute receives on a continuous basis the support of the Turrell Fund, Dodge, Victoria and Prudential Foundations and the Schumann Fund of NJ among others. The Institute raised almost \$350,000 in the 2008 fiscal year.

LATEST ADOBE ALERT

Adobe has released Version 9.0 and grants.gov has indicated that it is compatible with its own

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List of Awards for Rutgers Newark (April—June, 2008)

PI LAST NAME	PI FIRST NAME	DEPT	FUNDER	TITLE	AMOUNT	TYPE
Adam	Nabil	RBS-CIMIC	NSF	Technology Transfer: A Context Sensitive Alert Management System	\$ 50,000	Supplement
Benasich	April	CMBN	Linda & Don Carter Fdn.	Continuing Support for the Carter Center for Neurocognitive Research	\$ 80,000	Continuation
Buzsaki	Gyorgy	CMBN	NIH-NIMH	Hippocampal Interneuronal Network	\$325,825	Continuation
Buzsaki	Gyorgy	CMBN	NSF	Effects of Non-Uniform Extracellular Potential on Neuronal Excitability	\$ 85,163	Continuation
Farris	George	RBS-Org. Mgt.	IEEE, Inc.	Technology Management Research Center	\$ 11,650	Continuation
Feighn	Mark	FASN-Math	NSF	Research Fellowship Institutional Allowance	\$ 1,500	New
Feighn	Mark	FASN-Math	NSF	Research in Geometric Group Theory	\$162,698	New
Friedman	Wilma	FASN-Biology	NIH	A Genetic Approach to Study the p75 Neurotrophin Receptor	\$ 53,245	Continuation
Gates	Alexander	FASN-Earth & Envi. Sciences	Dorr Fdn.	Highlands Iron Mining Educational Trail at Sterling Lake, NY	\$ 25,000	Renewal
Gillett	Peter	RBS	Merck & Co., Inc.	2008 Merck Institute	\$ 30,000	Renewal
Gluck	Mark	CMBN	NSF	Interdisciplinary Study of the Striatum in Human Learning and Decision Making	\$ 6,250	Supplement
Graycar	Adam	Criminal Justice	Sage Publ.	Research in Crime Prevention and Control: Focus Gangs:Editorial Services	\$182,141	New
Harris	Kenneth D	CMBN	NIH	CRCNS: Dynamics of the Auditory Cortical Column	\$309,000	New
Harris	Kenneth D	CMBN	NIH	CRCNS: Information Processing & Neuronal Coordination: Neocortex	\$322,599	Continuation
Hill	Diane	OCCR	Prudential Fdn.	Rutgers/Prudential-Future Business & Computer Institute	\$ 12,600	Renewal
Holzer	Marc	SPAA	Alfred P. Sloan Fdn.	PPMRN: Proposal for Continued Funding to Operate, Strengthen and Expand the Network	\$291,295	New
Holzer	Marc	SPAA	Korea International Technology Fdn.	Korea International Technology Foundation	\$220,000	New
Hopper	Brenda	RBS-SBDC	Various	2008 17th Annual Procurement Expo	\$ 11,500	Renewal
Hopper	Brenda	RBS-SBDC	APL Consulting, LLC	2008 Business Growth Success Awards	\$ 1,500	Renewal
Hopper	Brenda	RBS-SBDC	N.J. Com. on Sci. & Technology	SBIR/STTR Training Grant	\$ 52,800	Renewal
Hopper	Brenda	RBS-SBDC	NJ Transit	2008 Expo Conference	\$ 1,500	Renewal
Hopper	Brenda	RBS-SBDC	US Small Business Admin.	NJSBDC	2,580,792	Renewal
Hopper	Brenda	RBS-SBDC	Amper, Politziner & Mattia, P.C.	2008 SBIR Conferences	\$ 5,200	Renewal
Jones	Rachel	Nursing	Healthcare Fdn.of NJ	Reducing Young Urban Women's HIV Risk: "Soap Opera" Videos on Cell Phones	\$154,400	New

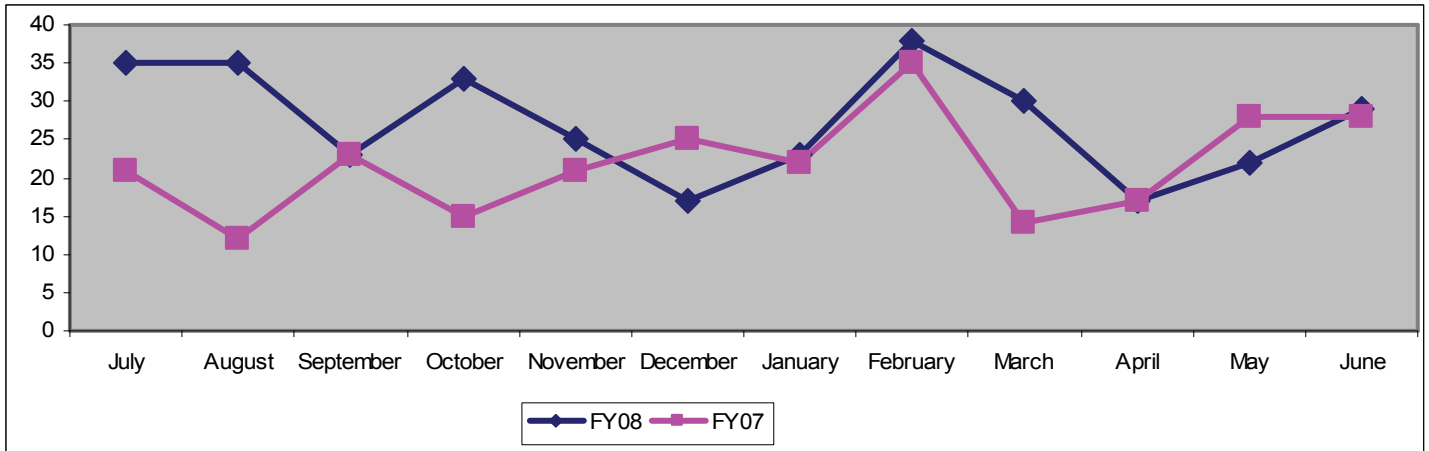


List of Awards for Rutgers Newark (April– June 2008) Contd.

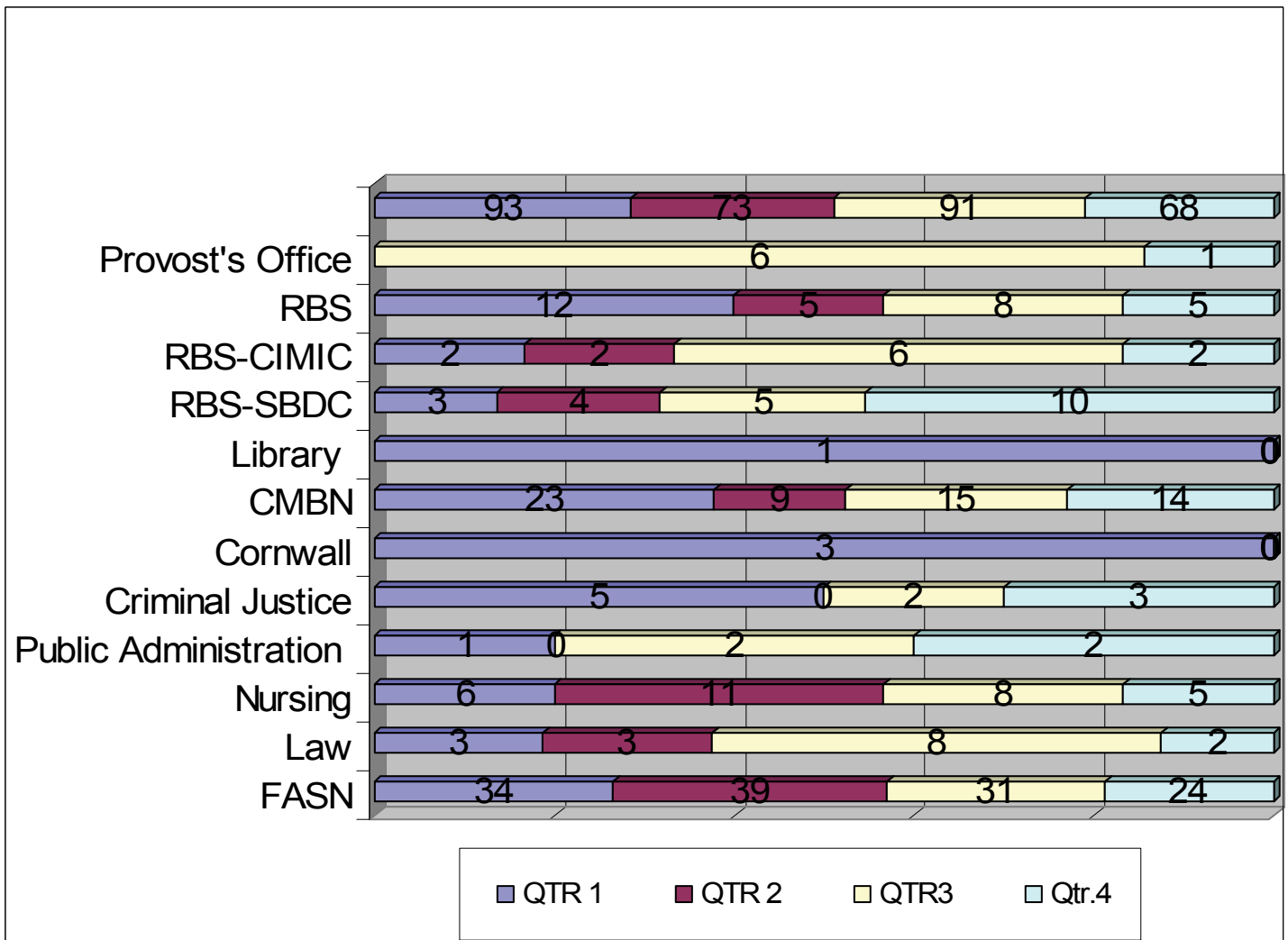
Kim	Haesun	FASN-Biology	U of Kansas	Caveolin-1 and Altered Neuregulinism in Diabetic Neuropathy	\$ 32,302	New
Kim	Haesun	FASN-Biology	NIH	Functional Analysis of erbB2 Signaling in myelin-forming glial cells	\$ 260,130	New
Krekelberg	Bart	CMBN	Human Frontiers Science Program Org.	Identification of the Mechanism Behind Perceptual Suppression during Eye Movements in Humans	\$ 3,800	New
Krekelberg	Bart	CMBN	NIH	Eye Movements and Visual Perception	\$302,820	Continuation
Mandelbaum	Randi S	Law School	Schumann Fund of NJ	Aging out: Don't Miss Out Collaborative	\$ 25,000	New
Morrell	Joan	CMBN	NARSAD	Cocaine Disruption of Maternal Motivation: Preference for Pups Versus Cocaine	\$ 60,000	New
Mosher	Lee	FASN-Math	NSF	Geometry of Mapping Class Groups and Outer Automorphism Groups	\$111,168	Continuation
Nehring	Wendy	Nursing	HRSA	Advanced Nursing Education Traineeship	\$171,349	Renewal
Pare	Denis	CMBN	NIH	Amygdala and Prefrontal Control of the Rhinal Cortices	\$292,988	Continuation
Perry	Kinna	Nursing	HRSA	Scholarships for Disadvantaged Students	\$ 69,685	Renewal
Plinio	Alexander	RBS	Anonymous Fdn.	Center for Non-Profit and Philanthropic Leadership	\$ 5,000	New
Price	Clement	FASN-History	The Gilder Lehrman Inst. of American History	U.S. History Saturday Academy	\$ 18,000	Renewal
Price	Clement	FASN-History	Independence Community Fdn.	The Greening of Newark -Charrette	\$ 10,000	New
Price	Clement	FASN-History	Newark Public Schools	Teaching American History (TAH)-Witness to History Professional Development Program	\$ 17,500	New
Price	Clement	FASN-History	Geraldine R. Dodge Fdn.	Geraldine R. Dodge Post-Doctoral Associate	\$120,000	Renewal
Siegel	Ralph	CMBN	Whitehall Fdn.	Functional Architecture and Circuits in Behaving Monkey	\$150,000	Renewal
Slater	Lee	FASN-Earth & Envi. Sciences	NSF	Collaborative Research: Quantification of Hydraulic Conductivity from Complex Electrical Conductivity	\$175,431	Continuation
Slater	Lee	FASN-Earth & Envi. Sciences	ExxonMobil Fdn.	Geophysical Investigation of Coastal Barrier Island Stratigraphy	\$ 7,500	New
Tepper	James	CMBN	NIH	Nigrostriatal Dopamine Function	\$386,250	New
Tractenberg	Paul	Law School	The Schumann Fund for NJ	Reestablishing Local Control of the Newark Public Schools	\$ 50,000	New
Tractenberg	Paul	Law School	Victoria Fdn.	Reestablishing Local Control of the Newark Public Schools	\$ 20,000	New
Williams	Junius	FASN-Urban Education	The Schumann Fund for NJ	Abbott Leadership Institute	\$ 50,000	Renewal
Williams	Junius	FASN-Urban Education	The Schumann Fund for NJ	Committee of Advocates for Newark's Children	\$ 25,000	Renewal
Williams	Junius	FASN-Urban Education	Victoria Fdn.	Abbott Leadership Institute	\$ 40,000	Renewal
Williams	Junius	FASN-Urban Education	Turrell Fund	Youth Media Symposium-- Abbott Leadership Institute	\$ 25,000	Renewal
Wu	Zhen	FASN-Physics	ONR	Miniaturization Limits of Atomic Magnetometers	\$ 38,716	New
Zaborszky	Laszlo	CMBN	NIH	Afferent Regulation of Cholinergic Forebrain Neurons	\$ 30,000	Supplement



Rutgers-Newark - Number of Submitted Proposals by Month July 07-June 08



Rutgers-Newark - Number of Submitted Proposals by Department July 07-June 08



REALITY TRAINING

If you hear an exclamation of “Bingo!” or the question “Who wants to be a millionaire!” as you enter the Research Office, don’t be surprised. A new series of training workshops aimed at administrative staff new to the process of working with grants began this spring. While providing formal training, the series has also created a network for administrators through the exchange of experiences. Drawing from current and popular game and reality show references to organize the large volume of information and policy knowledge necessary for success in sponsored research, the workshops showcase common and best practices while encouraging participants to consider what the requirements mean in their specific departments. Participants include: Michele Collins (SPAA), Erica Grant (FASN-Dean’s Office), Barbara Hughes (School of Criminal Justice) Jane Manay (Mathematics and Computer Science), Yvette Otiz-Beaumont (OCCR), and Roxanna Pate (the College of Nursing). Upon completion of the series participants will be aware of university procedures and requirements and the need for compliance with Federal and state regulations in relation to proposal preparation.

Training is enhanced with games, quizzes and prizes to be won. To date participants have completed the first three modules: **Endorsement Form BINGO; Who Wants to Be a Millionaire?** (how to find new grant opportunities and complete proposals); and the **Amazing Race** (a hands-on exploration of sites such as grants.gov and Fastlane and requirements for e-grant submissions). Upcoming workshops are: **Deal or No Deal AND/OR the Price is Right** (an introduction to budget requirements for both cost sharing and non cost sharing budgets along with resources to ensure University policy is observed); **Trading Spaces: Entrusting a portion of a project to someone else at another institution** (overview of the sub award process and requirements) and **Survivor Island: Sponsored Research** (the assessment and close of series at which suitable reality certificates will be provided)

A new series of workshops will be offered in the fall. Please contact the Research Office (extension 1537), if you would like to participate and become a successful “survivor” of Sponsored Research.

Participants
PROPS
Prizes



Should you or your staff be in this picture?



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