

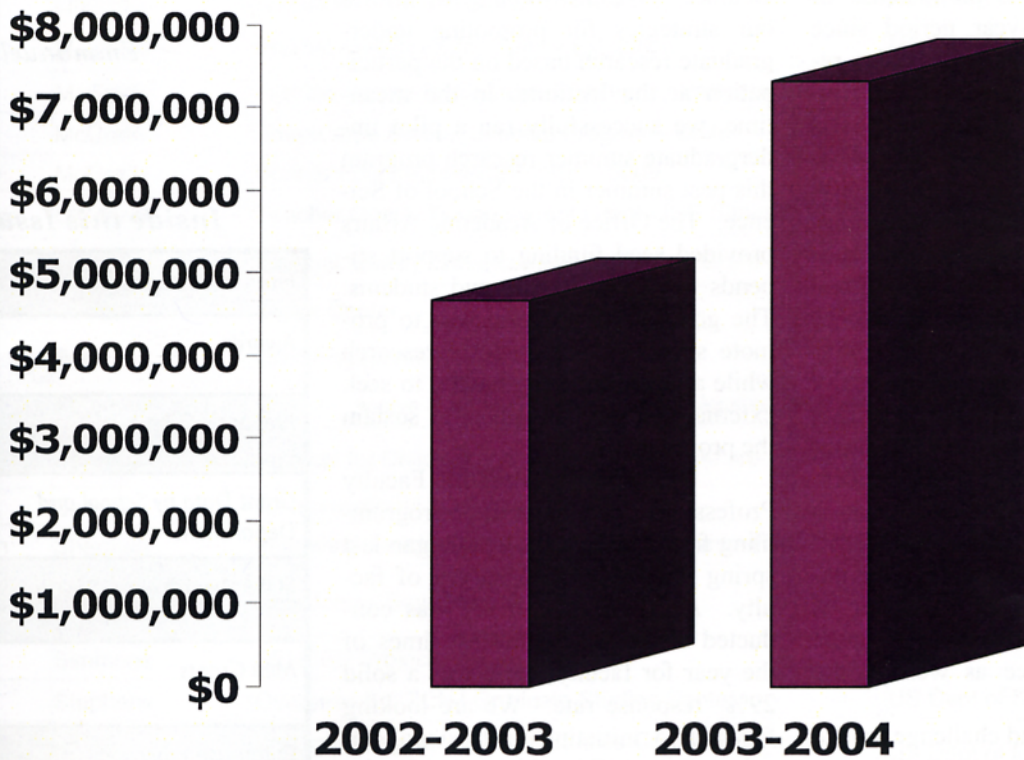
GRANTS INFO

Volume 5, Issue 1

Fall 2004

Awards for 2004 Exceed Expectations!

Total Awards FY 2003 and 2004



From the Vice Provost for Research and Faculty Development

The last year at TCNJ has been incredibly busy and productive. As a result of the persistent and very diligent work on the part of the faculty and academic leaders, the transformed curriculum is being launched this semester. We have a new liberal learning program in place, and a reduced teaching load for faculty.

Despite the fact that the academic community has been immersed in these massive curricular changes over the last couple of years, and that OAGSR has been busy reengineering grant administration processes and building administrative capacity, we continue to experience remarkable growth in grant activity. Grant dollars for FY04 is at an all-time-high of \$7,533,414. This is an increase of 107% in the five-year period since FY00. This positive trend is also reflected in the total number of institutional and faculty-written proposals submitted to external agencies, which rose from 59 in FY00 to 80 in FY04 (36% increase.) The most encouraging news is that faculty members submitted 53 proposals to public and private sponsors in FY04 compared to 32 proposals submitted in FY00 (66% increase.) We congratulate the faculty for this great accomplishment. This increase in grant volume also meant that more faculty were using the redesigned grant administration processes provided by a new team at OAGSR. We thank our customers for their patience, and for their understanding of the fiduciary role that OAGSR must play for the grantee as well as the grantor.

Our goal and challenge for the next several years is to continue to build on the success of these last few years and on lessons learned along the way. This year we are turning our focus to undergraduate research and fac-

ulty development programming. If you recall, we reported last year in *Grants Info* that a faculty working group was meeting to address College aspirations for student research, including the College's participation in the Council for Undergraduate Research (CUR) Institute. Involvement in the CUR Institute was postponed until this year and four faculty members, Joan Bloch (Nursing), Donald Hirsch (Science), Loren Limberis (Engineering), and Candice Feiring (Center for Youth Relationship Development); deans Susan Albertine (Culture and Society) and Gail Simmons (Science); and Angela Sgroi (OAGSR) will participate in the Institute to be held on the TCNJ campus in October. We are looking to inform our strategies for promoting undergraduate research based on the participation at the Institute. In the meantime, we successfully ran a pilot undergraduate summer research program this past summer in the School of Science. The Office of Academic Affairs provided seed funding to support stipends for a few faculty and students. The goal of the program was to promote summer undergraduate research while also encouraging faculty to seek external sources of support to sustain the program.

Preliminary work for Faculty Professional Development programming for this academic year began last spring with an on-line survey of faculty. Although this survey was conducted at one of the busiest times of the year for faculty, there was a solid 29% response rate. We are looking forward to initiating professional development opportunities for faculty based on the results of the survey. Look for the article (page 12) entitled *Faculty Development Survey Results* for all the details.

We are also exploring a more effective way to support college-wide undergraduate research, and interdisciplinary research through seed grants from OAGSR and Academic Affairs. We hope to announce this funding initiative before the end of this semester. In the meantime, we encourage faculty to continue to take advantage of the mini-grant program to support minor expenses related to scholarship. Applications for mini-grants are available through the Dean's office at the respective schools.

I am very enthusiastic about how much we have accomplished and all of the OAGSR staff is eager to continue to work with you in the coming year to meet the new challenges ahead.

Emmanuel I. Osagie

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Awards FY04

Project Director			Project Title	Funding Agency	Total Amt.
1	Rachel	Adler	Chambersburg Immigration Project	NJ Historical Commission	\$14,000
2	Lorraine	Allen	Inside Outreach	City of Trenton	\$15,395
3	John	Allison	Forensic Science Program	US Dept of Ed	\$223,673
4	John	Allison	Merck Undergraduate Summer Fellows 2004	Merck	\$10,000
5	Susan	Bakewell-Sachs	Norma Mann Clinical Educator	City of Trenton	\$32,800
6	Martin	Bierbaum	Municipal Land Use Center	FHWA/NJDOT	\$1,612,500
7	James	Boatwright	EOF FY 2004 - Academic Year	NJ CHE	\$658,115
8	James	Boatwright	EOF FY 2004 - Summer	NJ CHE	\$215,512
9	James	Chambers	Collegebound Continuation FY 2004	NJ CHE	\$304,080
10	James	Chambers	College Bound Grant Program Award Event	US Dept of Ed	\$10,000
11	Timothy	Clydesdale	Young Americans at the Crossroads: Choices After HS	Louisville Institute	\$45,000
12	Josh	Cooper (student)	Effect of the Eccentric Phase on Jump Squat	NSCA	\$2,500
13	Joseph	Hadge	Alcohol Social Norms	Rowan U. Subaward	\$12,000
14	Joseph	Hadge	Alcohol Impaired Driving - Peer Institute	NJDHTS	\$56,350
15	Henry	Harms	Vocational Student Org: Year 4/5	NJ Dept of Ed	\$97,635
16	Allen	Katz	Hybrid Fiberoptic Wireless System for High Capacity Military and Homeland Security Communications	Lafayette/MARC	\$34,846
17	Claire	Lindberg	Advanced Educator Nurse Trainee	NJ DHHS	\$16,002
18	Judith	Masterson	Printing Invitations for Gallery Exhibition	MCCHC	\$2,000
19	Erin	McGrath	Trenton Center for Campus-Community Partnerships	CNCS	\$40,000
20	Erin	McGrath	AmeriCorps Bonner Leaders Program - State	NJ Dept of Ed	\$158,101
21	Erin	McGrath	Bonner Foundation/Americorps - State	NJ Dept of Ed	\$50,000
22	Terence	O'Connor	Teacher Quality Enhancement Grant - IHE Stipend	NJ Dept of Ed	\$52,150
23	Terence	O'Connor	Teacher Quality Enhancement Evaluation Grant	NJ Dept of Ed	\$260,000
24	Emmanuel	Osagie	Sypek Center	NJ DCA	\$50,000
25	Beth	Paul	Civic Engagement Project	Bonner/FIPSE	\$15,000
26	Beth	Paul	Comprehensive Plan to Reduce Violence Against Women	US Dept of Justice	\$209,448
27	Jerry	Petroff	Projects for Children and Young Adults Who are Deaf-Blind	US Dept of Ed	\$1,340,430
28	Rajib	Sanyal	NJ International Business Initiative	US Dept of Ed	\$169,000
29	Sharon	Sherman	Improving Teacher Quality Partnership Grants (TALL Grant)	NJ Dept of Ed	\$825,000
30	Dennis	Shevlin	New Jersey Sea Grant College Program	Natl. Oceanic and Atmospheric Admin.	\$4,980
31	Gail	Simmons	SENCER Project	NSF	\$3,500
32	Paul	Stephens	Oversees Ed: TCNJ Graduate Studies Center	US Dept of State	\$20,000
33	Marianna	Sullivan	Strengthening International Studies Curriculum/Caribbean Basin Studies and International Political Economy	US Dept of Ed	\$162,515
34	Marcia	Taylor	Governor's School of The Arts	NJ Dept of Ed	\$300,000
35	Robert	Weber	NJ SSI Regional Center Grant FY 2004	NJ SSI	\$75,000
36	Robert	Weber	Partnership Program for Excellence in MST (Supplement)	NJ SSI Partnership	\$10,000
37	Yiqiang	Wu	TCNJ ESL Professional Center	NJ CHE	\$198,475

Proposals Submitted FY 04

Project Director			Project Title	Funding Agency	Total Amt.
1	Adler	Rachel	Chambersburg Immigration Project	NJHC	\$14,000
2	Allen	Lorraine	Inside Outreach	City of Trenton	\$15,395
3	Allison	John	Merck Undergraduate Summer Fellows 2004	Merck	\$10,000
4	Bartoletti	Robert	Collaborative Partnership	NJ DOE	\$84,993
5	Bledsoe	Katrina	Race, Stress, and Health Outcomes for African American Women	Murray Center/ Radcliffe	\$8,989
6	Bledsoe	Katrina	Understanding Cultural Socialization and Health Practices Among Urban Adolescents of Color	SIF	\$14,610
7	Bloch	Joan	Caregiver Burden of Families with Children with ASD	American Nurses Foundation	\$4,935
8	Boatwright	James	Academic & Career Enhancement Center (TRIO)	US Dept. of Ed	\$227,407
9	Chambers	James	Collegebound 2005 - continuation	NJ CHE	\$304,080
10	Chambers	James	College Bound Grant Program Awards Event	USED	\$10,728
11	Dell	Amy	Adaptive Tech - Special Needs Grant	NJ CHE	\$150,000
12	Dell	Amy	Mid-Atlantic Alliance for the Inclusion of Individuals with Disabilities in STEM Careers	NSF	\$3,000,000
13	Drewes	Donna	Septic Management Programs to Implement Fecal TMDL	NJDEP	\$189,490
14	Drewes	Donna	Watershed Restoration and Protection Plan for Shabakunk Creek	NJDEP	\$337,615
15	Feiring	Candice	Sexual Abuse and Youth Romantic Relationship Aggression - resubmission	NIMH	\$2,143,285
16	Feiring	Candice	Sexual Abuse Narratives	NIH/Bowling Green	\$10,581
17	Fisher	Christopher	The Hopes of Man	Smith Richardson Foundation	\$59,982
18	Graham	James	Friendship and Older Lesbians and Gay Men	American Psych. Foundation	\$4,649
19	Grega	Lisa	RUI: Cavitation and Two Phase Interflow Interactions in Elasto-hydrodynamically Loaded Lub. Films	NSF-RUI-CTD	\$112,701
20	Hadge	Joseph	Lollanobooza	NJ ABC	\$10,000
21	Hadge	Joseph	Peer Institute	NJDHTS	\$56,350
22	Hadge	Joseph	Alcohol Social Norms	Rowan subaward	\$12,000
23	Hadge	Joseph	Alcohol Impaired Countermeasures	NJ DHTS	\$63,221
24	Hadge	Joseph	Alcohol Impaired Driving - Peer Institute	NJDHTS	\$56,350
25	Hagedorn	Thomas	Adapting ATLAST Problems into Webwork for Linear Algebra I and II	NSF-CCLI-A&I	\$110,000
26	Harms	Henry	P-12 Higher Education Partnership	NJ DOE	\$84,997
27	Harms	Henry	Vocational Student Organization - continuation	NJ DOE	\$97,033

28	Hernandez	Orlando	Acquisition of Instrumentation System for Education and Research	NSF-MRI	\$93,320
29	Hernandez	Orlando	EMT: Development and Prototyping of High Speed Architectures	NSF	\$196,721
30	Hopps	Mary Lynn	WILL. Program Support	Bunbury	\$25,015
31	Hopps	Mary Lynn	WILL Program Support	Patrina Foundation	\$24,715
32	Hopps	Mary Lynn	WILL Program Support	Fund for NJ	\$25,000
33	Hutchinson	Patricia	TPC - Online Professional Development for Elementary Teachers	NSF	\$150,000
34	Hutchinson	John	Best Buy	Best Buy	\$248,586
35	Hutchinson	John	Young Designers and Engineers Project	NSF-ESI-IMD	\$970,489
36	Jackson	Wayne	African-American and Hispanic Student Leadership Institute	USED	\$191,566
37	Kardos	Judit	Using Technology in Math Classrooms	Motorola Foundation	\$186,210
38	Katz	Allen	Hybrid Fiberoptic Wireless System for High Capacity Military and Homeland Security Communications	Lafayette/MARC	\$34,846
39	Katz	Allen	Adaptive Broadband Linearization	DARPA	\$29,271
40	Knox	Deborah	Extending the Selection of NSDL Educational Resources in Computing and Information Technology	NSF/Virginia Tech	\$149,926
41	Lindberg	Claire	Increasing Capacity of Advanced Practice Nurses and Nurse Educators	USDHHS/HRSA/ Advanced Ed. Nursing Program	\$328,863
42	Lindberg	Claire	Perinatal Neonatal Education Consortium	Thomas Jefferson/ HSRA	\$41,669
43	Lowi	Miriam	Oil, Institutions and Breakdown in Authoritarian-Modernizing States	Guggenheim	\$45,505
44	Lowi	Miriam	Oil and Political Breakdown	NSF	\$234,815
45	Martinetti	Margaret	Behavioral Economics and P Rats	McManus Trust	\$49,817
46	Maskell	Kenneth	Philadelphia ITEST	NSF	\$1,182,986
47	Masterson	Judy	Sesquicentennial Special Projects	MCCC&HC	\$4,000
48	McGrath	Erin	New Jersey Bonner Leader Program - continuation	NJ CNCS --- AmeriCorps	\$248,000
49	Morrison	Janet	Escape From Disease: Its Role in Broomsedge, Invasiveness, and Weediness	USDA	\$89,734
50	Norvell	Amanda	Analysis of Squid Functioning During Drosophila Oogenesis	NIH AREA RIS	\$196,444
51	O'Conner	Terence	Preparing a Standards-Based Approach to Professional Development	NJ DOE	\$85,000
52	O'Conner	Terence	Teacher Quality Enhancement Grant - IHE Stipend	NJDOE	\$52,140
53	O'Connor	Terence	PACE - NJ Project for Advancement of Clinical Education for Teacher Preparation	NJ DOE	\$149,869

54	O'Connor	Terence	Teacher Quality Enhancement Evaluation Grant - "Teacher Quality Initiative"	NJ DOE	\$260,000
55	Osagie	Emmanuel	IATEA	NJ Commission on Job Growth and Economic Development	\$7,000,000
56	Paces	Cynthia	Prague Panoramas: Religious and National Symbols in a 20th Century City	NEH Summer Stipend	\$5,000
57	Palmer	Ruth	School Transitions: a Focus on Adolescent Academic Engagement	Spencer Foundation	\$34,995
58	Palmer	Ruth	Collaborative for Advancement of Leadership	NJ DOE	\$84,982
59	Palmer	Ruth	Learning Through Teaching in an After-School Pedagogical Lab	Bunbury Foundation	\$324,923
60	Paul	Beth	Increasing Youth Interest in Access to Community Resources and Services	SIF	\$15,000
61	Paul	Beth	Central New Jersey Youth Initiative	DHHS/ Compassion Capital Fund	\$354,768
62	Paul	Beth	Increasing Youth Interest In and Access to Community Resources and Services	SIF	\$15,000
63	Paul	Beth	Civic Engagement Project	Bonner / FIPSE	\$15,000
64	Paul	Beth	Education Awards Program	CNCS	\$240,000
65	Petroff	Jerry	Projects for Children and Young Adults Who are Deaf-Blind	USED	\$1,340,430
66	Petroff	Jerry	Enhancing TCNJ's Teacher Prep Programs to Meet the Needs of Students with Disabilities	NJ DOE	\$175,000
67	Petroff	Jerry	Designing Inclusive College Experiences	Borden Foundation	\$24,830
68	Prensky	David	Bonner Leaders Program - National	CNS	\$240,000
69	Sherman	Sharon	Improving Teacher Quality Partnership:TALL Grant Yr. 2	NJ DOE	\$275,000
70	Sherman	Sharon	MSP - SESAME Grant	NJ DOE	\$538,710
71	Shevlin	Dennis	New Jersey Sea Grant College Program	National Oceanic and Atmospheric Administration	\$4,980
72	Todd	Ronald	FutureSchools Initiative	New Jersey School Construction Corp	\$1,486,618
73	Todd	Ronald	Kids Engineering:Online Resources for Teachers	NSF/James Madison	\$680,606
74	Wang	Yunfeng	Acquisition of Robotic System for Research and Teaching	NSF-MRI	\$171,206
75	Wang	Yunfeng	Integration of Binary Robotics into Undergraduate Education	NSF-CCLI	\$75,000
76	Weber	Robert	Partnership Program for Excellence in MST	NJ SSI Partnership	\$10,000
77	Weber	Robert	NJ SSI Regional Center grant, FY 2004	NJ SSI	\$75,000
78	Wolz	Ursula	RUI:Ad Hoc Resource Sharing for Wearable Computers	NSF- RUI-IIS	\$41,177
79	Wolz	Ursula	RUI:Context-based Personalized Web-search	NSF/Villanova U.	\$87,504
80	Wolz	Ursula	RUI:Collaborative Curriculum Enhancement	NSF-RUI-IIS	\$211,190

Proposals Submitted

Schools & Departments	FY2002/2003				FY2003/2004				Percent Change	
	No.	%Total #	Requested (\$)	% Total \$	No.	%Total #	Requested (\$)	% Total \$	Prop. Sub.	Amount(\$)
Academic Enhancement	3.00	4.76	1,433,133.00	2.83	4.00	5.00	733,781.00	2.82	25.00	-48.80
Art, Media, & Music	1.00	1.59	2,000.00	0.00	1.00	1.25	4,000.00	0.02	0.00	99.95
Art	1.00	1.59	2,000.00	0.00	1.00	2.44	4,000.00	0.02	0.00	99.95
Bonner Center	0.00	0.00	0.00	0.00	1.00	1.25	248,000.00		100.00	2480000.00
Business	1.00	1.59	423,832.00	0.84	1.00	1.25	240,000.00	0.92	0.00	-43.37
CCCE	1.00	1.59	1,300,322.00	2.57	0.00	0.00	0.00	0.00	-50.00	-100.00
Culture and Society	10.00	15.87	1,903,800.00	3.76	17.00	21.25	1,151,865.00	4.43	63.64	-39.50
Afro. American Studies	0.00	0.00	0.00	0.00	1.00	1.25	59,982.00		100.00	5998200.00
English	1.00	1.59	26,500.00	0.05	1.00	1.25	4,649.00	0.02	0.00	-82.45
History	1.00	1.59	70,000.00	0.14	1.00	1.25	5,000.00	0.02	0.00	-92.86
International Studies	1.00	1.59	399,310.00	0.79	0.00	0.00	0.00	0.00	-50.00	-100.00
Law & Justice	1.00	1.59	98,825.00	0.20	0.00	0.00	0.00		-50.00	-100.00
Philo. & Religion	3.00	4.76	50,000.00	0.10	0.00	0.00	0.00		-75.00	-100.00
Political Science	1.00	1.59	1,050,679.00	2.07	2.00	2.50	280,320.00	1.08	50.00	-73.32
Psychology	2.00	3.17	208,486.00	0.41	8.00	10.00	713,184.00	2.74	200.00	242.08
Sociology & Anthro.	0.00	0.00	0.00	0.00	1.00	1.25	14,000.00		100.00	1400000.00
WILL	0.00	0.00	0.00	0.00	3.00	3.75	74,730.00		300.00	7473000.00
Cntr.for Inquiry & Design	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00
CYRD	0.00	0.00	0.00	0.00	2.00	2.50	2,153,866.00		200.00	215386600.00
Education	11.00	17.46	3,030,887.00	5.98	15.00	18.75	6,580,872.00	25.30	33.33	117.13
Career Equit. Asst.Cntr.	1.00	1.59	315,000.00	0.62	0.00	0.00	0.00		-50.00	-100.00
EASE	1.00	1.59	735,157.00	1.45	3.00	3.75	444,900.00	1.71	100.00	-39.48
EECE	3.00	4.76	441,953.00	0.87	2.00	2.50	813,710.00	3.13	-25.00	84.12
Health & Ex.Science	2.00	3.17	60,561.00	0.12	0.00	0.00	0.00		-66.67	-100.00
Lang. & Comm.	1.00	1.59	332,379.00	0.66	0.00	0.00	0.00		-50.00	-100.00
Special Education	3.00	4.76	1,145,837.00	2.26	5.00	6.25	4,690,260.00	18.03	50.00	309.33
STEP	0.00	0.00	0.00	0.00	1.00	1.25	84,993.00		100.00	8499300.00
Engineering	11.00	17.46	25,100,471.00	49.56	17.00	21.25	5,699,380.00	21.91	50.00	-77.29
Engineering	5.00	7.94	510,473.00	1.01	7.00	8.75	713,065.00	2.74	33.33	39.69
Tech. Studies	6.00	9.52	24,589,998.00	48.55	10.00	12.50	4,986,315.00	19.17	57.14	-79.72
MLUC	0.00	0.00	0.00	0.00	2.00	2.50	527,107.00		200.00	52710700.00
Nursing	4.00	6.35	113,423.00	0.22	3.00	3.75	375,467.00	1.44	-20.00	231.03
OAGSR	4.00	6.35	1,614,654.00	3.19	1.00	1.25	7,000,000.00	26.91	-60.00	333.53
SBDC	0.00	0.00	0.00	0.00	1.00	1.25	15,395.00		100.00	1539500.00
Science	13.00	20.63	15,361,363.00	30.33	10.00	12.50	1,087,165.00	4.18	-21.43	-92.92
Biology	5.00	7.94	883,170.00	1.74	3.00	3.75	291,158.00	1.12	-33.33	-67.03
Chemistry	0.00	0.00	0.00	0.00	1.00	50.00	10,000.00	0.04	100.00	1000000.00
Computer Science	2.00	3.17	596,558.00	1.18	4.00	5.00	489,797.00	1.88	66.67	-17.90
Math and Statistics	3.00	4.76	11,685,656.00	23.07	2.00	2.50	296,210.00	1.14	-25.00	-97.47
Wellness Center	4.00	6.35	366,122.00	0.72	5.00	6.25	197,921.00	0.76	20.00	-45.94
ADEP	4.00	6.35	366,122.00	0.72	5.00	6.25	197,921.00	0.76	20.00	-45.94
Total	63.00	100.00	50,650,007.00	100.00	80.00	100.00	26,014,819.00	88.68	26.56	-48.64

Proposals Awarded

Schools & Departments	FY 2002/2003				FY 2003/2004				Percent Change	
	No.	%Total #	Awards (\$)	% Total \$	No.	% Total #	Awards (\$)	% Total \$	Prop. Award.	Amount(\$)
Academic Enhancement	1.00	2.78	818,204.00	18.53	4.00	10.81	1,187,707.00	16.26	150.00	45.16
Art, Media, & Music	2.00	5.56	4,500.00	0.10	1.00	2.70	2,000.00	0.03	-33.33	-55.54
Art	2.00	5.56	4,500.00	0.10	1.00	2.70	2,000.00	0.03	-33.33	-55.54
Bonner Center	0.00	0.00	0.00	0.00	3.00	8.11	248,101.00	3.40		
Business	0.00	0.00	0.00	0.00	1.00	2.70	169,000.00	2.31	100.00	16900000.00
Culture and Society	4.00	11.11	120,627.00	2.73	5.00	13.51	445,963.00	6.10	20.00	269.70
Law and Justice	1.00	2.78	90,825.00	2.06	0.00	0.00	0.00	0.00	-50.00	-100.00
Philo. & Religion	1.00	2.78	1,000.00	0.02	0.00	0.00	0.00	0.00	-50.00	-99.90
Political Sci./Int. Stud.	1.00	2.78	5,486.00	0.12	1.00	2.70	162,515.00	2.22	0.00	2861.84
Psychology	1.00	2.78	23,316.00	0.53	2.00	5.41	224,448.00	3.07	50.00	862.60
Sociology & Anthro.	0.00	0.00	0.00	0.00	2.00	5.41	59,000.00	0.81	200.00	5900000.00
CYRD	1.00	2.78	239,713.00	5.43	0.00	0.00	0.00	0.00	-50.00	-100.00
Education	9.00	25.00	1,832,551.00	41.49	6.00	16.22	2,678,555.00	36.66	-30.00	46.17
Career Equit. Asst.Cntr.	1.00	2.78	425,000.00	9.62	0.00	0.00	0.00	0.00	-50.00	-100.00
EASE	1.00	2.78	10,000.00	0.23	0.00	0.00	0.00	0.00	-50.00	-99.99
EECE	0.00	0.00	0.00	0.00	1.00	2.70	825,000.00	11.29	100.00	8250000.00
Health & Ex. Science	1.00	2.78	25,000.00	0.57	1.00	2.70	2,500.00	0.03	0.00	-90.00
Lang. & Comm.	1.00	2.78	58,727.00	1.33	1.00	2.70	198,475.00	2.72	0.00	237.96
Special Education	2.00	5.56	964,314.00	21.83	1.00	2.70	1,340,430.00	18.35	-33.33	39.00
Engineering	8.00	22.22	413,663.00	9.37	4.00	10.81	217481.00	2.98	-44.44	-47.43
Engineering	2.00	5.56	123,290.00	2.79	1.00	2.70	34,846.00	0.48	-33.33	-71.74
Tech. Studies	6.00	16.67	290,373.00	6.57	3.00	8.11	182,635.00	2.50	-42.86	-37.10
Global Studies	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Graduate School	0.00	0.00	0.00	0.00	1.00	2.70	20,000.00	0.27	100.00	2000000.00
Governor's School	2.00	5.56	428,000.00	9.69	1.00	2.70	300,000.00	4.11	-33.33	-29.91
MLUC	0.00	0.00	0.00	0.00	1.00	2.70	1,612,500.00	22.07	100.00	
NJGBI	1.00	2.78	33,600.00	0.76	0.00	0.00	0.00	0.00	-50.00	-100.00
Nursing	0.00	0.00	0.00	0.00	2.00	5.41	48,802.00	0.67	200.00	4880200.00
OAGSR	0.00	0.00	0.00	0.00	1.00	2.70	50,000.00	0.68	100.00	
SBDC	2.00	5.56	226,734.00	5.13	1.00	2.70	15,395.00	0.21	-33.33	-93.21
Science	3.00	8.33	229,760.00	5.20	4.00	10.81	242,153.00	3.31	25.00	5.39
Biology	1.00	2.78	126,396.00	2.86	1.00	2.70	4,980.00	0.07	0.00	-96.06
Chemistry	0.00	0.00	0.00	0.00	1.00	2.70	233,673.00	3.20	100.00	23367300.00
Computer Science	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Math. & Stat	1.00	2.78	99,864.00	2.26	0.00	0.00	0.00	0.00	-50.00	-100.00
Wellness Center	3.00	8.33	69,101.00	1.56	2.00	5.41	68,350.00	0.94	-25.00	-1.09
ADEP	3.00	8.33	69,101.00	1.56	2.00	5.41	68,350.00	0.94	-25.00	-1.09
Total	36.00	100.00	4,416,453.00	100.00	37.00	100.00	7,306,007.00	100.00	2.70	65.43

SOSA Awards 2003-2004

Adler	Rachel H.	Sociology & Anthropology	The Chambersburg Immigration Project
Ahlawat	Sunita	Business	Occupational Reality Check: A Pre & Post-Employment Assessment of Expectations in the Accounting Profession
Al-Omaishi	Nabil	Engineering	Investigation of Long-term High Strength Concrete Material Properties
Anta San Pedro	Teresa	Modern Languages	20th Century Hispanic Female Dramatists
Arvanitis	Georgia M.	Chemistry	Synthesis of platinum antitumor complexes and evaluation of mechanism
Beierlein	Jaclyn J.	Finance	Research
Blake	David	English	Two Book Manuscripts: <i>Where the Future Becomes the Present: Whitman & Leaves of Grass</i> and <i>Politics & Celebrity</i>
Bledsoe	Katrina L.	Psychology	Research in Community and Social Psychology
Boughn	Susan	School of Nursing	Trichotillomania: Living and Coping
Brecher	Ellyn	Psychology	Discrimination, bias and quality of life issues in the employment sector
Brooks	Wendell	Art	Cross Platform: Non-traditional Art Meets Non-traditional Technique
Carney	Jo Eldridge	English	Female Friendship in Renaissance Literature
Chazelle	Celia	History	Culture and Thought in Early Medieval Europe
Chiang	Bea	School of Business	Cost Management and Balanced Scorecard in the Healthcare Industry
Compte	Deborah	Modern Languages	The Other Heretic: Literary Configurations of the Protestant in Spanish Golden Age Literature
Curtis	Cynthia L.	Math & Statistics	Low-dimensional Topology
Davis	Rob	Psychology	Cognitive Aging Project
Erickson	Jeffery T.	Biology	The role of Pet-1 (transcription factor required for serotonin neuron differentiation) in the development of normal breathing in newborn mice
Fichner-Rathus	Lois	Art	Contemporary Art: Extending the Boundaries
Figuero Gil de Lamadrid	Alvin	Modern Languages	Up Beat Tunes, Torch Songs, and other Very Hot Rhythms: The Narrative Work of Luis Rafael Sanchez
Gardner	Sharyn D.	Business, Management, Information Systems	Virtual HR: How IT impacts HR Function; Dynamics environments: The Role of Flexibility, Coordination and IT; Transactive memory systems in teams
Greenbaun	Nicholas	Math & Statistics	Dynamical Characterization of Human Cognitive Event Related Potentials
Grega	Lisa M.	Engineering	Development of an Experimental Fluid Mechanics Research Lab for the Study of Turbulent Flows
Gross	Jo-Ann	History	Shrines and Sufi Circles of Tajikistan
Hall	Ruth L.	Psychology	Friends and Older African American Women
Hirsh	Donald J.	Chemistry	A Model System for Studying Paramagnetic Spin-Spin Interactions
Hoffman	Jay R.	Health & Exercise Science	Using near-infrared spectroscopy (NIRS) technology to noninvasively assess oxygenation of hemoglobin and myoglobin in active and resting tissue
Huguet-Jerez	Marimar	Modern Languages	Contemporary Spanish Theatre: Postmodern Thought for Postmodern Anxieties
Hustis	Harriet	English	Verbal Vengeance: Male Hysteria and the Gothic of American Masculinity
Kang	Jie	Health & Exercise Science	Determining exercise intensity that elicits maximum fat oxidation in men and women, and Comparisons of thermoregulatory and cardiovascular responses during prolonged exercise
Kaplowitz	Kenneth	Art	Investigation of Old Testament Illustrations
Katz	Allen	Engineering	Distortion Correction in Electronic and Optical Communications Systems
Kirnan	Jean Powell	Psychology	The Development of a Biographical Inventory for Use in the Prediction of First Year College Success
Kiselica	Mark S.	Counselor Education	Exploring the Psychology of Boys, Men and Masculinity
Klug	Steve	Biology	How Genes Control Development
Komagata	Nobo	Computer Science	Computational Properties of Complex Systems
Kosmopoulos	Victor	Engineering	Orthopaedic Biomechanical Surgical Evaluations
Kovalev	Roman K.	History	Dirham Hoards from Medieval Western Eurasia, c.700-c.1100
Le Morvan	Pierre	Philosophy & Religion	Research in Philosophy
Leven	Bozena	International Business	Continued Research on Economic Transition in Eastern and Central Europe
Leynes	P. Andrew	Psychology	The Cognitive Neuroscience of Applied Source Monitoring: Memory for Actions and Gender Stereotype Effects on Memory
Li	Rebecca S. K.	Soc. & Anthropology	State and Market Development in China

Limberis	Loren	Engineering	Research on kinesin-based microdevices
Lovett	Donald L.	Biology	Modulation of methyl farnesoate levels through induced osmotic changes in the crab
Lowi	Miriam R.	Political Science	Disciplinary Research- <i>Oil Rents and Political Breakdown in Patrimonial States: Algeria in Comparative Perspective and Alterity and Violence</i>
Martinetti	Margaret	Psychology	The Behavioral Economics of Alcohol Abuse in Alcohol-Preferring, Non-Preferring and Outbred Rats
McCarty	John A.	School of Business	Importance Judgments in Survey and Marketing Research
Mecarty- Dunlap	Frances	Modern Languages	Learning Grammar from Students' Perspectives: Spanish Needs Assessment Analysis
Mi	Jiayan	English and Modern Languages	The Body Poetic: Self-fashioning, Compositional Modernity & Emerging Reflexivity in Modern Chinese Poetry, 1919-1949; and Navigating Modern China
Miranda	Ricardo	Art Department	Computer Generated Art with Sculptural Vehicles
Morin	Regina	Modern Languages	Non-traditional Language Contact; Instructor/Student Perceptions of Metacognitive Vocab Learning Strategies; Basic Spanish Pronunciation/Spelling
Morrison	Janet A.	Biology	Plants, Pathogens, and Pests: Ecology of Biological Interactions in Natural Populations
Newton	Deborah	Special Education	Assistive Technology in the Classroom
Nicolosi	Ann Marie	Women's & Gen. Studies	Beauty, Body and Politics: Comparisons of Female Imagery in the 1st and 2nd Waves
Norvell	Amanda	Biology	The role of the Squid protein in axial patterning during <i>Drosophila melanogaster oogenesis</i>
Nouri	Hossein	School of Business	Research
Ortiz	Lisa	English	Braided Lives and Usable Pasts: Autoethnographic Modes in the Fiction of Late 20th century ethnic-American Women
Otero	Augustin	Modern Languages	The Post-Colonial Detective and the Cultural Other in Contemporary Galician Literature
Payne	Allison Ann	Criminology & Justice	Evaluation and Implementation of "Positive Action Through Holistic Education" (PATHE)
Peterson	Charles C.	Biology	Ecological and evolutionary physiology of New Jersey reptiles and amphibians
Peterson	Derek	History	Worldly Women: Gender Chaos, Political Discourse, and the Social History of the East African Revival
Pfenninger	Ariane	Modern Languages	Relationship between Food and Language in the Writings of Roland Barthes
Pollock	John C.	Communication Studies	Saving Lives: Linking Mass Media with Policy Makers' Efforts to Reduce Tobacco Use
Preti	Consuelo	Philosophy	Truth in the Virtue of Meaning
Reinart	Howard K.	Biology	Sustained Support: Alternate Assignment
Rosemurgy	Catie	English	Love Isn't above Starting This Way: Poems and Others
Rosen-Bloch	Joan	School of Nursing	Healthcare Research: Promoting Optimal Wellness for At-risk Populations of Pregnant Mothers and Mothers with Neurologically Impaired Children
Rossi-Miller	Monica	Modern Languages	Female Subjectivity: Issues in Contemporary Women's Historical Fictions in Italy; Narratives of Recent Immigration: Discussing the "Other" in Post-Colonial, Post-modern Italy
Samanta	Subarna K.	School of Business	Theoretical Analyses Dealing with Economics of Uncertainty and its Applications and Empirical Analyses Dealing with Domestic and International Economic Issues
Sanders	Phillip	Media Program	Research
Sanyal	Rajib	Business	Globalization
Sepahpour	Bijan	Engineering	Model Laboratory for Mechanical/Civil Engineering Programs
Shao	Qin	History	Demolition: Everyday Chinese in the Shadow of Highrises (1980-2002)
Sisko	John E.	Philosophy & Religion	Cognitive Circuitry and the Physics of Flourishing in the Hippocratic <i>On Regimen</i> and Plato's <i>Timaeus</i> , <i>Representation and Content in Aristotle</i> , and <i>Red Eyes and Bitter Tongues: Aristotle's Theory of Perception</i>
Steele	Felicia	English	Histories of the English Language: Local, Literary, and Linguistic
Strassman	Barbara K.	Special Education	Authoring with Video
Vandegrift	Donald	Economics	Public Policy Research
Venturo	David	English	Book Manuscript, <i>Fallen on Evil Days</i> , and related projects
Vinlette	Joyce	School of Business	Strategic Management Cases
Wang	Yunfeng	Engineering	Binary Robotics
Waterman	Alan	Psychology	Studies on Identity and Intrinsic Motivation
Wickramasinghe	Thulsi	Physics	Gravitational Lensing with Dark Energy and a Moving Lens
Winston	Morton	Philosophy & Religion	Global Ethics
Wong	Jean	Language & Comm. Sci.	Practices of Native/Non-native Speaker English Conversation
Woodford	Mark S.	Counselor Education	Indicated Prevention Programs to Address Substance Abuse among Adolescent and Young Adult Populations
Wright	Simona	Modern Languages	Eccentric Poetics in 20th Century Italian Poetry
Zanglein	Jayne	Business	The Effect of Pension Fund Governance on Financial Performance
Zheng	Qifu	Math & Statistics	Determinants of Hypergeometric Matrices and Group Representations

Mini Grant Projects

Fall 2003

Science

Becker, Marty	Study of debris cones of ant nests in the steppe environment of South Dakota	\$1,000
Ochoa, Romulo	Study of Optical Tweezing, used to trap and manipulate nano- to micrometer size objects	\$1,000

Spring 2004

Business

McCarty, John	Advertising across different countries: attitudes and beliefs	\$500
Pelham, Alfred	Partnership relationships between buying and selling firms	\$599
Tucci, Louis	How nonprofit organizations make pricing decisions	\$400

Culture & Society

Archer, Sally L.	Examination of how college students think of themselves as sexual beings	\$900
Ball, William	Continuation of project creating a Geographic Information System	\$449
Bledsoe, Katrina	Effects of speaker credibility on the development of attitude and attitude change	\$1,000
Brecher, Ellyn	1. Study of structured employment interview 2. Research on work-life balance	\$1,000
Chazelle, Celia	First-hand study of early eighth-century Bible in Florence	\$1,000
Clydesdale, Timothy	University Press book: <i>Principals, Professors, & Preachers: Crucial Professions in a Pluralistic Culture</i>	\$674
Davis, Rob	Cognitive Aging Project	\$1,000
Dawley, Alan	Twelve-day academic visit to Cuba	\$1,000
Dickinson, Gloria Harper	Archive the Golden Anniversary of the Alpha Kappa Alpha's founding	\$1,000
Friedman, Ellen	Interviewing family members to complete a book on holocaust survivors	\$1,000
Gabriel-Stheeman, Luis	Reprint the book, <i>The Battle of Language</i> , in Spanish	\$1,000
Gray, Janet	Implementation of the interdisciplinary Caribbean Studies initiative	\$1,000
Gross, Jo-Ann	Archival and field research in Tajikistan	\$800
Knobler, Adam	Pacific Island Chants and Dances	\$1,000
Kovalev, Roman	Study of Medieval Islamic silver coin hoards	\$1,000
Leynes, Andrew	Purchasing SuperLab software	\$472
Li, Rebecca	Two part project: Testing the Collins' theory, and the Study of Chinese politics	\$1,000
Martinetti, Margaret	Alcohol taste thresholds in rats	\$1,000
Mecarty-Dunlop, Francis	Concerns with teaching Spanish in schools	\$500
Mecarty-Dunlop, Francis	Emphasis on oral communication concerning the role of grammar within proficiency-based approaches to	\$500
Mi, Jiayan	A book length study of self-identity in Modern Chinese poetry	\$1,000
Paul, Beth	Working with the Trenton Youth Community-based Research Corps with the Angel's Wings project	\$976
Payne, Allison	Purchasing HLM statistical software and manual	\$430
Peterson, Derek	The History of the East African Revival	\$1,000
Ruddy, Margaret	Support for the Infant/Child Studies Laboratory	\$765
Shao, Qin	Book project: "Demolition: Everyday Chinese in the Shadow of Highrises, 1980-2002"	\$1,000
Tarter, Michelle	Research for preparation of "Goodwives and Witches: Women in Colonial America"	\$1,000

Education

Hinitz, Blythe	Book research project on the Walden School, its founders, leaders and students	\$1,000
Joshi, Arti	Examining the practices and knowledge of home-school teachers	\$1,000
Palmer, Ruth	The Collaborative for the Advancement of Leadership and Advocacy for Adolescents	\$1,000
Woodford, Mark	Assessing the effectiveness of ADEP programs	\$1,000

Science

Becker, Martin	Reports for Geological Society of America, and manuscript for a paleontology journal	\$1,000
Conjura, Ed	ALEKS: How the web-based system would help expand its use to MAT 095 and MAT 096 classes	\$1,000
Cunningham, Robert	Identifying departmental strengths and weaknesses	\$800

Enterprise Programs 2003

School	Department	Project Title	P.I. Last	First	FY 04 Revenue
Art, Media, & Music	Art	Art Graph Lab/ Tektronix	Miller	Ruane	\$6,475.00
Art, Media, & Music	Art Gallery	Mercer County Photo Exhibit	Masterson	Judy	\$1,080.00
Art, Media, & Music	Kendall	Kendall Revenue	Kroth	Richard	\$80,507.85
Art, Media, & Music	Kendall	Theatre Production	Lentini	James	\$15,988.69
Art, Media, & Music	Music	Graduate Music Fees	Hickman	Suzanne	\$23,318.00
Art, Media, & Music	Music	Music Dept./Music Fee	Hickman	Suzanne	\$34,342.40
<i>Art, Media, & Music Totals</i>					<i>\$161,711.94</i>
Business	Business	Non Profit Mgmt Development	Sanyal	Rajib	\$19,000.00
Business	Business	LEAD NJ	Prensky	David	\$9,750.00
<i>Business Totals</i>					<i>\$28,750.00</i>
Culture & Society	English	Writer's Conference	Hollander	Jean	\$20,205.00
Culture & Society	Law & Justice	Criminal Justice Center	Krimmel	John	\$5,000.00
Culture & Society	Modern Languages	Spanish Immersion	Mecarty-Dunlap	Francis	\$21,304.00
Culture & Society	Womens & Gender Studies	WILL Program	Hopps	Mary	\$1,000.00
<i>Culture & Society Totals</i>					<i>\$47,509.00</i>
Education	Elementary Education	EIRC	Hinitz	Blythe	\$15,000.00
Education	Elementary Education	TALL Grad Courses	Sherman	Sharon	\$8,400.00
Education	Health & Exercise Science	Strength & Condition Sym.	Hoffman	Jay	\$8,780.00
Education	Special Ed	Speech/Language Clinic	Blair- Larsen	Susan	\$2,281.00
Education	Special Ed	ESLM 597 Course	Wu	Yiqiang	\$42,300.00
Education	Secondary Ed	Teacher Prep Program	Evangelisto	Tony	\$335,984.00
Education	Special Ed	CATIES	Dell	Amy	\$45,300.00
Education	STEP/PDSN	PDSN	Bartoletti	Robert	\$83,648.25
<i>Education Totals</i>					<i>\$541,693.25</i>
Engineering	Design & Tech	Design & Tech Initiative	Todd	Ronald	\$63,854.17
Engineering	Design & Tech	Philadelphia School District	Harms	Henry	\$94,600.00
Engineering	Design & Tech	TCED 597 CD&E	Maskell	Ken	\$20,600.00
Engineering	Tech Studies	Technology Workshops	Karsnitz	John	\$9,063.33
Engineering	Tech Studies	NJSSI Phase II Year 2	Weber	Robert	\$11,085.00
Engineering	Tech Studies	NJSSI Grad Credit Course	Weber	Robert	\$3,600.00
Engineering	Tech/TIES	TSA Income	Harms	Henry	\$13,933.00
Engineering	TIES	TIES Magazine	Todd	Ronald	\$27,134.50
<i>Engineering Totals</i>					<i>\$243,870.00</i>
Nursing	Nursing	Nursing Fac Practice	Bakewell-Sachs	Susan	\$68,514.28
<i>Nursing Totals</i>					<i>\$68,514.28</i>
Science	Biology	MCAT Prep Program	Shevlin	Dennis	\$4,500.00
Science	Physics	Physics/Royalties	Hiack	Paul	\$201.00
<i>Science Totals</i>					<i>\$4,701.00</i>
TCNJ-Other	Academic Affairs	Credit by Exam	Fogarty	Ellie	\$3,505.00
TCNJ-Other	College Bound	College Bound	Chambers	James	\$4,591.53
TCNJ-Other	Graduate Studies	ETS Teacher Assessment	Stephens	Paul	\$16,170.00
TCNJ-Other	Graduate Studies	TCNJ Regional Training Center	Stephens	Paul	\$643,675.00
TCNJ-Other	Graduate Studies	PLS Partnership	Stephens	Paul	\$1,800.00
TCNJ-Other	Library	Library Copying Income & Exp.	Pavlovsky	Taras	\$23,249.41
TCNJ-Other	Library	Lost Books	Pavlovsky	Taras	\$10,328.93
TCNJ-Other	Library	Inter Library Loans	Cobb	Judy	\$359.01
TCNJ-Other	Library	Library/Periodic Sales	Pavlovsky	Taras	\$200.00
TCNJ-Other	Tutoring Center	Enhanced Learning & Teaching	Gruenberg	Diane	\$6,181.84
TCNJ-Other	SBDC	Small Business Devlpmnt Cntr	Allen	Lorraine	\$17,335.90
TCNJ -Other	NJ GBI	Global Business Initiative	Hansen	Keld	\$8,345.00
<i>TCNJ-Other Totals</i>					<i>\$732,236.62</i>
GRAND TOTALS					\$1,828,986.09

Faculty Development Survey Results

With the help of the Institutional Research Office, headed by Ray Barclay, a broad-based, easy-to-use, interactive survey was developed in Spring 2004 to help determine what types of professional development programming would be most useful and effective. The 29% response rate is large enough to provide the information needed to begin professional development programming.

Under the *New Directions in Pedagogy* theme, faculty who responded were most interested in professional development topics focused on problem-based learning (49%), collaborative (40%) and cooperative (38%) learning. There was some interest in further exploring transformative learning strategies (25%), learning communities (23%), and distributive learning (12%).

There was a strong overall interest in all of the topics within the *Student Assessment* theme. About half of those who responded were interested in grading and in student motivation. About one-third would like to know more about developing and using student portfolios (33%), cognitive and affective influences on student learning (35%), and reviewing current institutional approaches to student assessment (29%). About 29% would like to pursue the topic of integrating curricular and co-curricular assessment strategies.

Motivating students emerged again as the topic of highest interest (48%) under the theme of *Classroom*

Management. This was followed by instructional techniques (42%), dealing with plagiarism (35%), and mentoring students (29%).

Within the broader theme of *Professional Development*, one-third of the respondents would like to know more about developing a portfolio of scholarship. There was some interest in developing skills for departmental leadership (28%) college wide leadership (23%), and competing for fellowships and other national awards (28%).

Fifty-one per cent of the respondents are interested in proposal development, followed closely by a 44% interest in identifying funding sources, and funding opportunities to support student research (30%) under the *Sponsored Research and Grants* theme. Measuring learning outcomes (42%) was the topic of highest interest in the theme of *Higher Education Issues*. Finally, in the theme of *Research Methods*, the topics of qualitative research (38%), quantitative research (33%) and community-based research (22%) were the topics of interest.

As to the manner of delivery, 80% of the respondents prefer having an outside subject-matter expert facilitate or present the information as compared to having a campus subject-matter expert present (3%), and to having a mixture of outside and campus expert presenters (46%).

The preferred time for formal workshops would be the week after

graduation in May (55%), followed by individual Wednesdays and Thursdays during the academic year (42%), anytime in June (35%), and the week before graduation in May (32%). Several suggested July and August.

Eighteen faculty members from a wide range of disciplines offered to share their expertise or to mentor a student. Other topics that respondents wished to have considered for future professional development include: multi-culturalism as applied to everyday modern life (living in cities, class differences, etc), feedback for students—what is and is not effective, developing departments and schools that are high-achieving intellectual communities, preparation for the job market, identifying student learning styles, and comparative/cross-cultural/international issues.

Professional development needs and interests will be met in a variety of ways, including continued school and departmental discussion of possibilities for implementing strategies to meet the new curricular goals that have been set. OAGSR will sponsor a full week of professional development workshops in May 2005 that will be based upon the survey results. Workshops to assist faculty with identifying funding sources and developing proposals will be offered during the academic year; some will be tied to the seed programs designed to expand faculty mentored undergraduate research and interdisciplinary research.

Office of Academic Grants and Sponsored Research, The College of New Jersey

Green Hall, Room 218

<http://grants.intrasun.tcnj.edu>

Emmanuel I. Osagie, Vice Provost for Research and Faculty Development

Angela Sgroi, Associate Director

Roberta Truscello, Editor & Pre-Award Specialist James N. Cryan, Grants Administrator

Nichole A. Hardeman, Secretary

(609) 771-3255 • (609) 637-5171 (fax) • grants@tcnj.edu