

Geneseo

Annual Report
of
Sponsored Research

2007-08



We would like to thank our colleagues Betsy Colón in Research Accounting and Sue Crilly in the Geneseo Foundation for their assistance in preparing this report, and for their excellent work in support of our mission during the year. We would also like to thank the members of the Research Council, Steve West, GREAT Day Coordinator, members of the GREAT Day Planning Committee, and our colleagues Andrea Klein and Tammy Farrell in Campus Scheduling and Events, who all contributed significantly to the success of our activities this year.

The Office of Sponsored Research:

Anne Baldwin, Director, Erwin 105D, (585) 245-5547, baldwinA@geneseo.edu
Helen Thomas, Grants Writer, Erwin 105C, (585) 245-5086, thomash@geneseo.edu
Karie Frisiras, Secretary, Erwin 205, (585) 245-5547, frisiras@geneseo.edu

Fax: (585) 245-5096

<http://sponsoredresearch.geneseo.edu>
<http://great.geneseo.edu>

Office of Sponsored Research

Annual Report 2007-08

Table of Contents

Comments on the Annual Report of Sponsored Research.....	1
Research Council Members 2007-08	2
External Grants Summary 1996-08	3
External Grant Expenditures by Type of Activity 2001-08	4
Departmental Summary 2001-08.....	4
External Grant Proposals by Department 2001-08.....	5
External Grant Proposals by Sponsor 2001-08	6
Proposals Submitted 2007-08.....	7
New Awards in 2007-08	9
External Grant Expenditures by Department 2001-08.....	10
External Grant Expenditures by Sponsor 2001-08	11
Active Projects 2007-08	12
College Support for Research Development (1998-2008).....	13
Research Development and Support Programs	14
Research Summer Fellowships 2008	16
Hurrell/McNaron Award 2008.....	16
GREAT Day 2008 Keynote Speaker and Abstract of Address	17
GREAT Day 2008 Planning Committee.....	18
GREAT Day 2008 General Statistics and Budget	19
GREAT Day 2008 Presentations by Department.....	20

Departmental Summaries of Internal and External Funding 1999-2008

Anthropology	22
School of the Arts.....	23
Biology	24
School of Business.....	25
Chemistry	26
Communication	27
Communicative Disorders and Sciences	28
Computer Science.....	29
School of Education	30
English	32
Foreign Languages and Literatures	33
Geography	34
Geological Sciences.....	35
History	36
Mathematics.....	37
Other Offices and Departments	38
Philosophy.....	39
Physics and Astronomy.....	40
Political Science and International Relations.....	41
Psychology.....	42
Sociology.....	43

Comments on the Annual Report of the Office of Sponsored Research

Traditional funding activities: We're pleased to report that during the 2007-08, the number of academic departments with external submissions has increased yet again to their broadest representation in Geneseo's external funding history. Also, in spite of the current funding climate, our sponsored programs expenditures remained nearly level, decreasing only 2% from the previous year. Faculty in the department of Physics and Astronomy continue to work with funding from the U.S. Department of Energy (through the Laboratory for Laser Energetics, University of Rochester), NASA (through Cornell University), and NYSTAR. Faculty in the departments of Chemistry, Computer Science, and Mathematics currently hold National Science Foundation grants and an additional NSF award is pending for one of our History faculty members. The Mathematics department also holds grants from the Air Force and DOE. Two Geological Sciences faculty currently hold ACS/Petroleum Research Fund grants. National Institutes of Health funding supports research by faculty in the departments of Psychology and Biology. We have every indication that an NIH supplement to promote diversity in the health-related sciences will be awarded shortly to the Biology department and are very optimistic that, based on preliminary scores, additional Chemistry and Biology faculty will also gain NIH funding this year. Grants from the USDA and Livingston County support research by another Biology faculty member. National Endowment for the Humanities grants continue to support programs offered by English and History faculty members, and on-going funding has been obtained by faculty of the School of Education from the NY State Department of Education, the Genesee Valley Heath Partnership, and the Joan and Harold Feinbloom Foundation.

Direct College support for research and scholarship in 2007-08 reached an all-time high of over \$208,000. In collaboration with the Research Council, the Geneseo Foundation and the Office of Research Accounting, our office processed over 300 internal funding applications from faculty members and students, resulting in 266 awards. Total internal funding for our formal grant and fellowship programs, combined with other planned expenditures in support of research and scholarly activities, was more than \$236,000 during the 2007-08 year.

Howard Hughes Medical Institute Application: Based on SUNY Geneseo's excellent track record of preparing undergraduates for research careers, the college was one of only 224 institutions nation-wide invited to apply to the 2008 Undergraduate Science Education competition. Wendy Pogozelski, assisted by David Geiger, Gregg Hartvigsen, Jani Lewis, and Stephen Padalino, prepared an over-100-page submission. Although Geneseo's proposal was not chosen for one of only 48 awards, we are optimistic that lessons learned will benefit us in future HHMI competitions.

GREAT Day 2008: Stephen West served as coordinator for Geneseo's second annual GREAT Day, which was a huge success, surpassing all expectations with 739 students participating in 378 presentations, performances, and exhibits. Dr. Steven Squyres from Cornell delivered a lively keynote address on the Mars Rover project.

Other Initiatives: During the 2007-08 year, we were also pleased to assist faculty and staff in endeavors related to the College's goals and initiatives of diversity, community and international relations. In 2007-08 Geneseo faculty from the School of the Arts and the Department of Foreign Languages and Literatures hosted two Fulbright Scholars through the Occasional Lecturer Program. The Xerox Center for Multicultural Teacher Education staff secured funding for its second very successful Rochester Young Scholars Academy "Discovering the Iroquois in Geneseo (D.I.G.)" summer camp.

**RESEARCH COUNCIL
2007-08**

Name and Department	End of Term	Phone Ext.	Email Address
Jani Lewis, Chair Biology	May 31, 2010	5310	lewisj@geneseo.edu
Michael Lynch, Vice Chair Psychology	May 31, 2009	5212	mlynch@geneseo.edu
Douglas Anderson (Spring Semester) School of the Arts	May 31, 2008	5491	andersod@geneseo.edu
Anne Baldwin Sponsored Research	<i>ex officio</i>	5547	baldwina@geneseo.edu
Douglas Baldwin Computer Science	May 31, 2010	5322	baldwin@geneseo.edu
Emilye Crosby History	May 31, 2010	5375	crosby@geneseo.edu
Susan Crilly Geneseo Foundation	<i>ex officio</i>	5518	crilly@geneseo.edu
Eugene (Dan) DeZarn (Fall Semester) School of the Arts	Dec. 31, 2007	5814	dezarn@geneseo.edu
Theodore Everett Philosophy	May 31, 2008	5198	everett@geneseo.edu
Christopher Leary Mathematics	May 31, 2009	5383	leary@geneseo.edu
Kenneth Levison Administration and Finance	<i>ex officio</i>	5601	levison@geneseo.edu
James McLean Physics and Astronomy	May 31, 2008	5897	mclean@geneseo.edu
Paul Pacheco Anthropology	May 31, 2010	5275	pacheco@geneseo.edu
Michael Rozalski Education	May 31, 2009	5253	rozalski@geneseo.edu
Jason Sabel Research Accounting	<i>ex officio</i>	5021	sabel@geneseo.edu
Denise Scott Sociology	May 31, 2008	5477	scott@geneseo.edu
Kazushige Yokoyama Chemistry	May 31, 2008	5320	yokoyama@geneseo.edu

EXTERNAL GRANTS SUMMARY
1996-2008

	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
No. of Proposals Submitted	27	36	34	46	42	51	46	51	53	50	47	48
Total \$K of Proposals	1,419	1,287	2,031	4,711	3,141	5,622	5,388	8,216	7,146	10,215	4,030	5,708
No. of P.I.'s Submitting	22	24	25	35	26	31	31	36	29	41	35	40
No. of Acad Depts Submitting	9	11	10	14	10	11	14	14	13	10	18	19
No. of New Awards	22	15	21	20	18	28	25	28	24	17	12	16
Total \$K of New Awards	665	261	711	1,011	824	1,164	1,075	1,060	2,353	1,827	895	715
No. of Active Projects	39	34	34	42	40	51	52	49	43	40	40	31
No. P.I.'s Funded	24	21	22	26	30	34	35	36	27	24	27	23
No. of Acad. Depts Funded	9	8	8	10	11	12	12	12	11	12	14	15
Expenditures	537	380	387	584	675	696	1,230	945	1,200	1,070	1,522	1,492
Indirect Cost Rate %	17.3	16.3	17.6	12.3	15.3	17.5	15.1	13.9	10.2	15.6	12.8	14.2

EXTERNAL GRANT EXPENDITURES PROFILED BY TYPE OF ACTIVITY

(Dollars in Thousands)

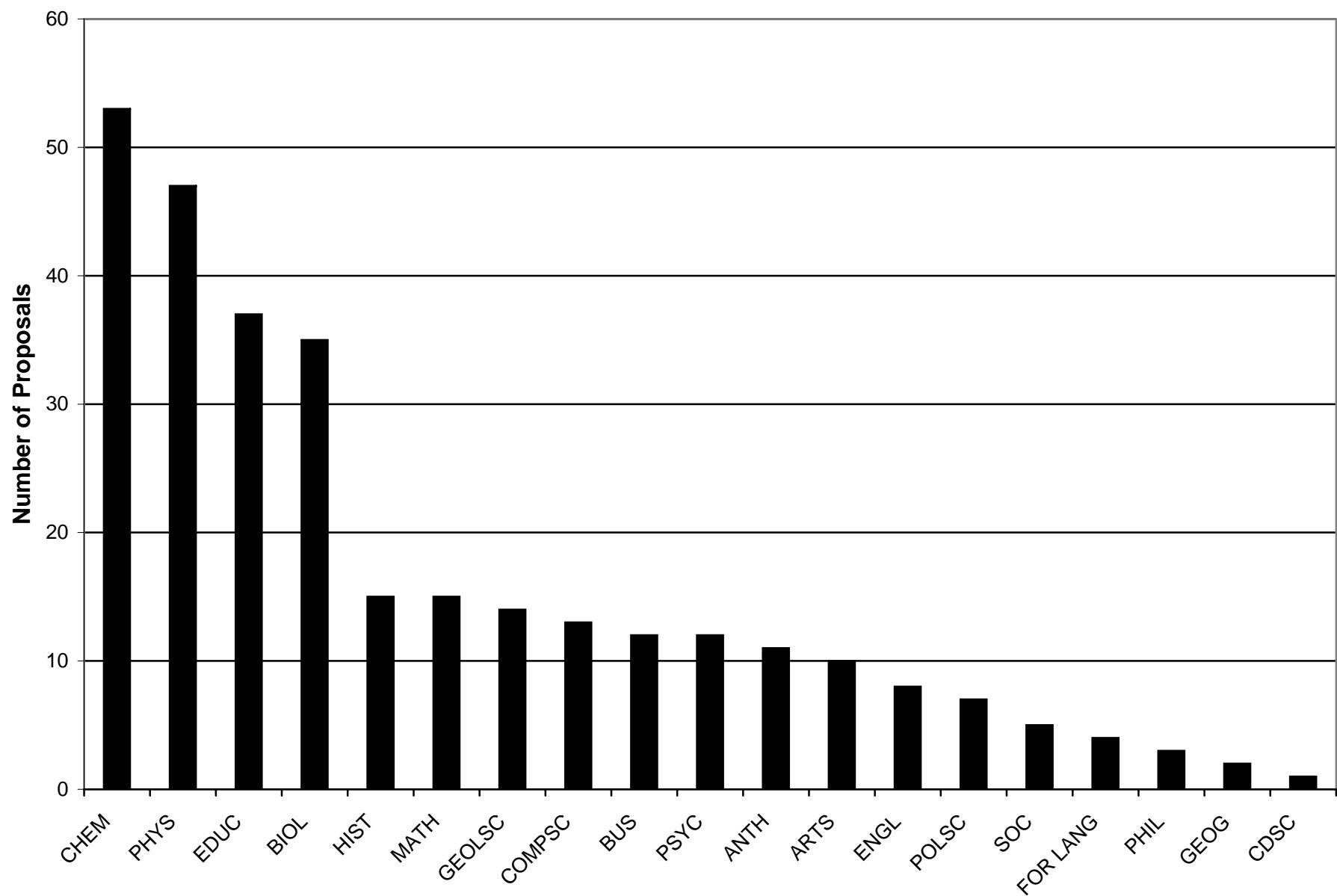
	Direct Costs by Type				Total Direct Costs	Total Indirect Costs	Indirect Rate	Total Expenditures
	Research	Educational Support	Public Service	Other				
1994-95	154	122	116	3	395	45	11.4%	440
1995-95	331	126	53	81	591	56	9.5%	647
1996-97	283	12	1	112	408	79	19.4%	487
1997-98	284	38	0	5	327	53	16.2%	380
1998-99	309	19	0	1	329	58	17.6%	387
1999-00	489	16	15	1	521	64	12.3%	585
2000-01	470	47	0	94	611	90	14.7%	701
2001-02	533	57	2	0	592	104	17.6%	696
2002-03	942	62	10	55	1069	161	15.1%	1,230
2003-04	641	123	64	2	830	115	13.9%	945
2004-05	944	38	93	14	1089	111	10.2%	1,200
2005-06	796	15	95	20	926	144	15.6%	1,070
2006-07	1,263	1	73	13	1,350	172	12.8%	1,522
2007-08	1,188	0	106	12	1,306	186	14.2%	1,492

2001-2008 DEPARTMENTAL SUMMARY

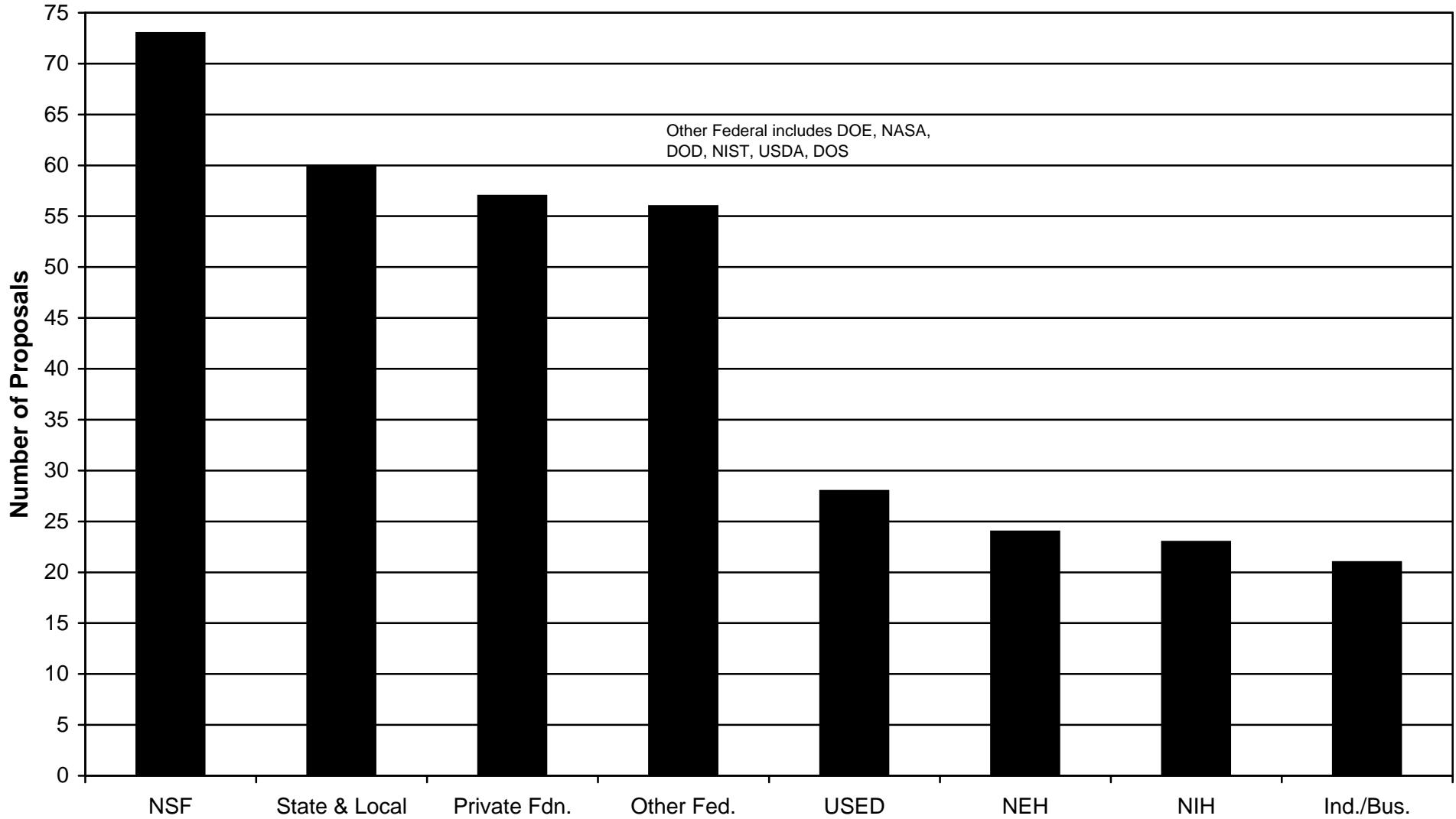
Department/School	Proposals Submitted	Awards	Active Project-Years*	Total Expenditures	Indirect Costs	Internal Funding
Anthropology	11	2	2	\$ 19,800	\$ 0	\$ 26,867
Arts	10	3	0	550	0	75,341
Biology	35	19	49	942,273	129,655	45,365
Business	12	1	7	177,778	11,838	82,818
Chemistry	53	13	34	631,909	53,248	40,760
Communication	0	0	0	0	0	23,695
Communicative Disorders & Sciences	1	0	0	0	0	15,351
Computer Science	13	8	14	446,310	50,766	15,051
Education	37	23	36	380,327	26,303	83,938
English	8	6	11	218,645	29,464	77,696
Foreign Languages & Literatures	4	1	0	500	0	19,495
Geography	2	0	0	0	0	34,291
Geological Sciences	14	5	9	96,971	0	30,499
History	15	4	8	385,391	32,639	57,238
Mathematics	15	7	17	1,343,953	141,624	19,179
Other Depts & Offices	38	25	36	302,771	7,190	3,324
Philosophy	3	2	2	64,498	0	7,015
Physics & Astronomy	47	31	45	2,925,557	416,534	29,349
Political Science & International Relations	7	1	1	8,000	0	18,925
Psychology	12	2	17	409,453	125,387	63,802
Sociology	5	2	6	62,531	0	39,934

* Active project-years: running total of years of activity (as determined by expenditures through RF SUNY) for all awards

EXTERNAL GRANT PROPOSALS BY DEPARTMENT 2001-08



EXTERNAL GRANT PROPOSALS BY SPONSOR 2001-08



PROPOSALS SUBMITTED

2007-08

PRINCIPAL INVESTIGATOR(S)/ PROJECT DIRECTOR(S)	DEPT(S)	PROJECT TITLE	SPONSOR	TYPE	TOTAL REQUEST
Welker, B.	Anthropology	Adaptive Significance of Trichromacy: A Study of Holwer Monkey Diet Choice	National Science Foundation	Research	\$146,672
Cardillo, J.	Arts	"Images 2007" Exhibit	NY Foundation for the Arts	Exhibit	\$300
MacPherson, T.	Arts	Italian American Family Album Installation	NY Foundation for the Arts	Research	\$8,000
Ornelas, R.	Arts	Occasional Lecturer Visit for Marta Polokov, Fulbright Scholar and Lecturer from the Department of Music and Dance at the Academy of Music and Performing Arts in Bratislave, Slovak Republic.	Fulbright/CIES	Travel	\$250
Apple, J.	Biology	History, Host Plant Use and Incipient Speciation in the Grasshopper <i>Hesperotettix viridis</i>	National Science Foundation	Research	\$149,439
Bosch, I.	Biology	Monitoring Conesus Lake 2008	Livingston County Planning Department	Research	\$6,307
Cox, E.	Biology	Analysis of Tropomodulin Function During Endothelial Tube Development	National Institutes of Health	Research	\$212,862
Lewis, J.	Biology	E-Cadherin Transcription Factors: Potential Biomarkers for Vulvar Carcinogenesis	National Institutes of Health	Research	\$212,965
Militello, K.	Biology	Research Supplement to Promote Diversity in Health-Related Sciences	National Institutes of Health	Research	\$13,034
Geiger, D., Geiger, H.C., Helms, E., Johnson, D., McGarrah, J.	Chemistry	MRI: Acquisition of a 400 MHz NMRA Spectrometer	National Science Foundation	Research	\$321,000
Johnson, D.	Chemistry	Determination of the Molecular Basis of NADPH Oxidase Inhibition by Apocynin	National Institutes of Health	Research	\$217,899
McGarrah, J.	Chemistry	TiO ₂ of Reduced Dimensionality: New Strategies for the Optimization of Dye Sensitized Solar Cells	American Chemical Society Petroleum Research Fund	Research	\$50,000
McKnight, R.	Chemistry	Isothermal Titration Calorimetric Experiments; Synthesis and Fundamental Studies of Chalcogen-Containing Chromophores	National Science Foundation	Research	\$24,732
Pogozelski, W.	Chemistry	HHMI Undergraduate Science Education Program: Broadening Undergraduate Student Access to Research	Howard Hughes Medical Institute	Research	\$1,522,343
Yokoyama, K.	Chemistry	Direct Observation of Solvent Intrusion to Dopant's Site in a Porous Cage	NineSigma/GM	Research	\$125,998
Yokoyama, K.	Chemistry	RUI: Real Time Probe of Size Selected Self Assembling of Amyloid Beta Protein on Gold Nanoparticles	National Science Foundation	Research	\$365,025
Peck, S.	Education	Reading and Writing the Community	NYS Education Department	Public Service	\$49,942
Peck, S., and Norman, S.	Education	Partners in Learning: Preparing and Supporting Urban Educators	NYS Education Department	Public Service	\$35,499
Rozalski, M.	Education	Promoting Peace through Nonviolent Crisis Intervention	NEA Foundation	Training	\$1,991
Rozalski, M.	Education	Second Step: Survey Analysis and Proposal Development	Joan and Harold Feinblom Foundation/RACF	Research	\$14,304
Rozalski, M.	Education	Survey Analysis and Proposal Development	Genesee Valley Health Partnership	Research	\$2,000
Schwartz, S.	Education	Education of the Heart, Wisdom from our Founding Educators in the Establishment of Public Educational Institutions in a Democratic Society	Arete Initiative, Univ. of Chicago, Defining Wisdom Project	Research	\$83,066
Herzman, R.	English	Dante's Commedia	National Endowment for the Humanities	Research	\$55,197
Evans, B.	Foreign Languages & Literatures	Fulbright Fellowship: Lecturing in Leuven and Antwerp	Fulbright/CIES	Fellowship	\$16,000
Klima, C.	Foreign Languages & Literatures	Occasional Lecturer Visit for Margarita Madanova, Fulbright Scholar and Foreign Languages and Research Coordinator at Kazakh Institute of Management, Economics and Strategic Research (KIMEP), Almaty.	Fulbright/CIES	Travel	\$500

PROPOSALS SUBMITTED

2007-08

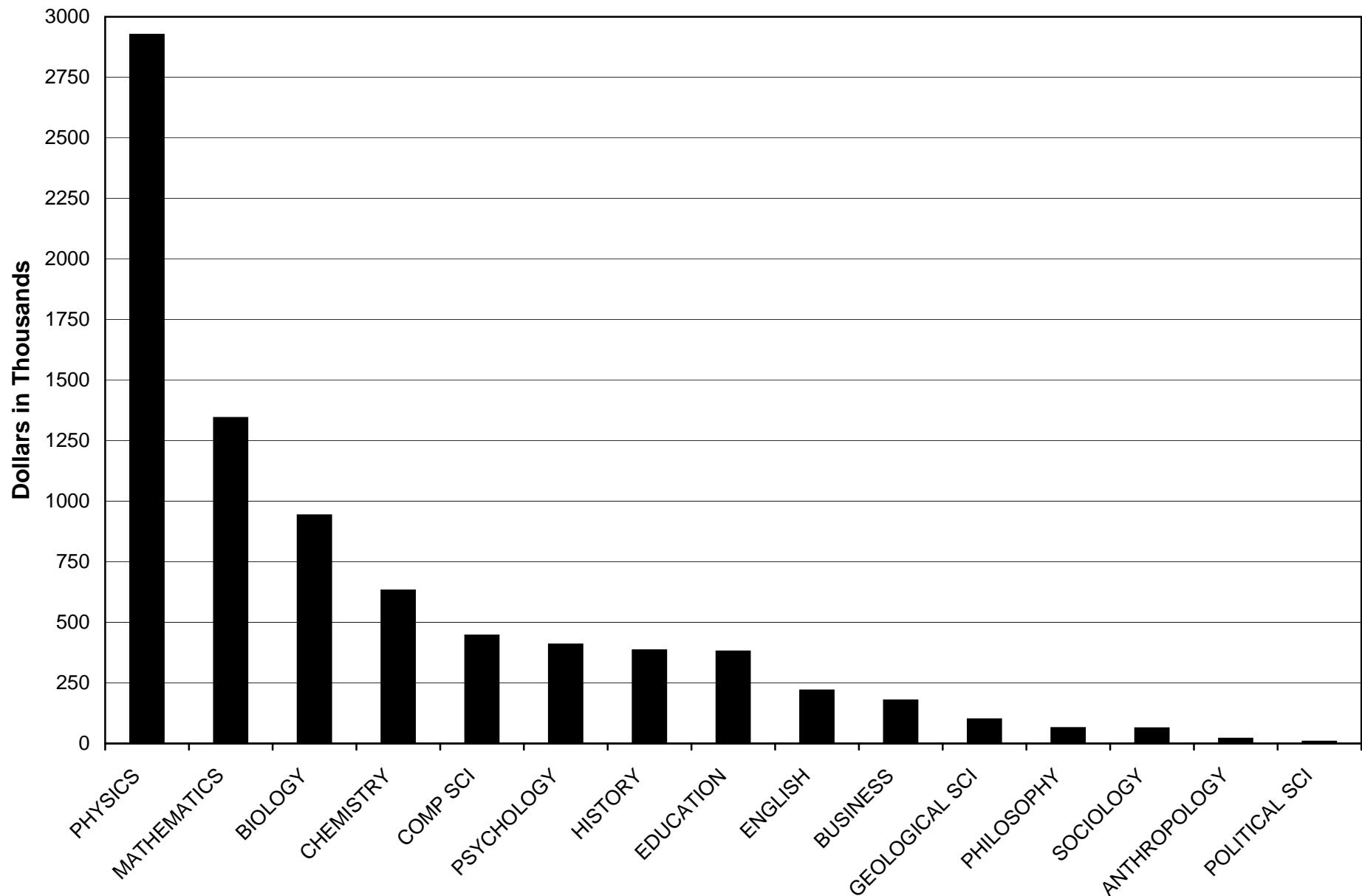
Laabs, B.	Geology	Climatic Influence on Mountain Glaciers: Tests from the Brooks Range, Artic Alaska	National Science Foundation	Research	\$29,035
Sheldon, A., Allen-King, R. (SUNY Buffalo)	Geology	RUI: Collaborative Research: Do CFC's and SF6 Behave as Reactive (Sorbing) Tracers in Low Carbon Content Sedimentary Aquifers?	National Science Foundation	Research	\$105,556
Behrend, J.	History	"True to One Another": African-American Politics and Community After the Civil War	National Endowment for the Humanities	Research	\$50,400
Cook, W.	History	The Thirteenth Century "Lives" of St. Francis of Assisi	National Endowment for the Humanities	Research	\$140,414
Crosby, E.	History	Anything I Was Big Enough To Do: A History of Women in SNCC, 1960-67	National Endowment for the Humanities	Research	\$6,000
Kleiman, J.	History	Scholar's Award: The American Appropriate Technology Movement	National Science Foundation	Research	\$119,933
Kleiman, J.	History	Scholar's Award: The American Appropriate Technology Movement	National Science Foundation	Research	\$131,765
Waddy, H.	History	Hitler's Passion: Catholic Oberammergau in the Nazi Era	German Academic Exchange Service	Research	\$9,373
Matthews, T.	Leadership Education Development and Training	Geneseo Students4Giving: Inspiring Philanthropy's Future	Campus Compact and Fidelity Charitable Gift Fund	Public Service	\$18,000
Rivenburgh, E.	Milne Library	Milne Library Coordinated Collection Development Aid	NYS Education Department, Division of Library Development	Library	\$10,175
Rivenburgh, E.	Milne Library	Joseph F. Shurbert Library Excellence Award	Regents Advisory Council on Libraries	Library	\$1,000
Rivenburgh, E.	Milne Library	Rethinking Resource Sharing Innovation Awards	RRS Awards Committee	Library	\$1,000
Rivenburgh, E.	Milne Library	The Information Delivery Services (IDS) Project Demonstration	Institute of Museum & Library Services	Library	\$457,829
Levy, D.	Philosophy	Socratic Midwifery as Techne ("Craft")	National Endowment for the Humanities	Research	\$6,000
Iyer, S.	Physics	Strong Deflection of Light Near the Ege of Schwarzschild and Kerr Black Holes	National Aeronautics and Space Administration	Research	\$165,642
Marcus, G.	Physics	Measuring Optical Extinction in Absorbing Aersols Using Cavity-Enhanced Spectroscopy Techniques	Research Corporation	Research	\$34,718
Steinhauer, A.	Physics	SUNY Geneseo Space Grant	Cornell University/NASA	Research	\$15,000
Padalino, S., Fletcher, K., Baldwin, D., Freeman, C., Pogozelski, E., and Stephenson, S. (Gettysburg College)	Physics & Computer Science	Nuclear and Plasma Diagnostics for the OMEGA and EP Laser Systems	Laboratory for Laser Energetics, Univ. of Rochester/DOE	Research	\$400,000
Koch, J.	Political Science & International Relations	Fulbright Visiting Specialists Program: Direct Access to the Muslim World	Fulbright/CIES	Educ. Support	\$5,000
Mounts, J.	Psychology	Local and Global Capacity Limitations in Visual Attention	National Science Foundation	Research	\$192,001
Harvey, K. and Easton, C.	Residence Life	Mid-Year Admission Students: On-campus Cohort Identification and Transition to College	American College Personnel Association	Research	\$500
Eisenberg, A.	Sociology	Pedagogical Partnerships: Can Interdisciplinary Collaboration Create Sages?	Arete Initiative, Univ. of Chicago, Defining Wisdom Project	Research	\$100,000
Levine, H.	Student Health and Counseling	Broad-Based Suicide Prevention Training and Education at SUNY Geneseo	Substance Abuse and Mental Health Services Administration/DHHS	Educ. Support	\$72,899
TOTAL					\$5,707,565

NEW AWARDS

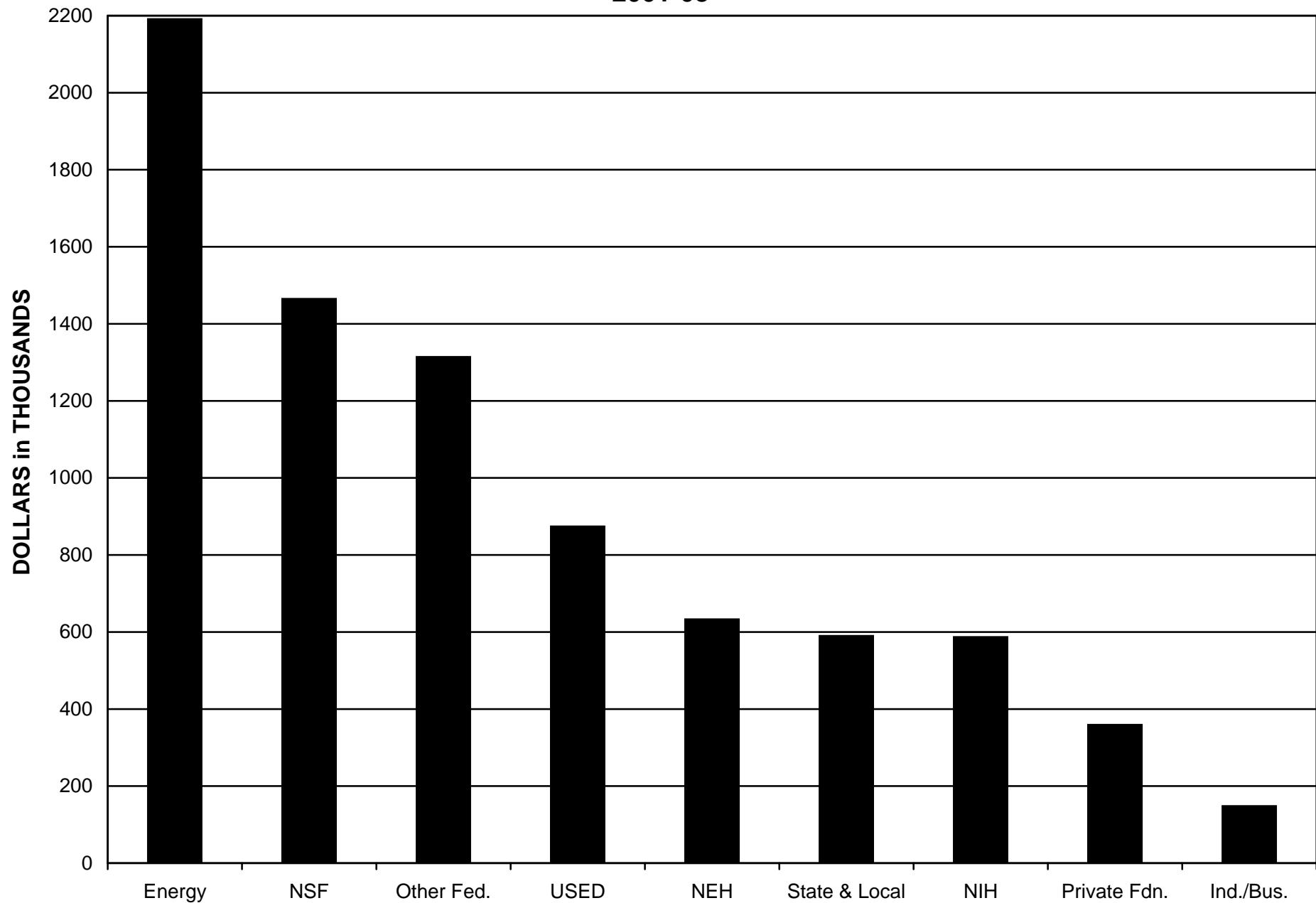
2007-08

PRINCIPAL INVESTIGATOR(S)/ PROJECT DIRECTOR(S)	DEPT	TITLE	TYPE	SPONSOR	PRIME FUNDING SOURCE	AWARD TOTAL
Cardillo, J.	Arts	"Images 2007" Exhibit	Exhibit	NY Foundation for the Arts		\$300
Ornelas, R.	Arts	Occasional Lecturer Visit for Marta Polokov, Fulbright Scholar and Lecturer from the Department of Music and Dance at the Academy of Music and Performing Arts in Bratislava, Slovak Republic.	Travel	Fulbright/CIES	DOS	\$250
Bosch, I.	Biology	Monitoring Conesus Lake 2008	Research	Livingston County Planning Dept.		\$6,307
Peck, S.	Education	Reading and Writing the Community	Public Service	NYS Education Dept.	USED	\$49,942
Rozalski, M.	Education	Promoting Peace through Nonviolent Crisis Intervention	Training	NEA Foundation		\$2,000
Rozalski, M.	Education	Survey Analysis and Proposal Development	Research	Genesee Valley Health Partnership		\$2,000
Rozalski, M.	Education	Second Step: Survey Analysis and Proposal Development	Research	J. & H. Feinbloom Foundation/RACF		\$14,304
Okada, J.	English	History & Memory: Asian American Film and Video in its Institutional Contexts	Research	Rockefeller Center Archives		\$1,300
Klima, C.	Foreign Languages & Literatures	Occasional Lecturer Visit for Margarita Madanova, Fulbright Scholar and Foreign Languages and Research Coordinator at Kazakh Institute of Management, Economics and Strategic Research (KIMEP), Almaty.	Travel	Fulbright/CIES	DOS	\$500
Cook, W.	History	The Thirteenth Century "Lives" of St. Francis of Assisi	Research	National Endowment for the Humanities		\$137,243
Rivenburgh, E.	Library	Milne Library Coordinated Collection Development Aid	Library	NYS Education Dept.		\$10,175
Rivenburgh, E.	Library	Rethinking Resource Sharing Innovation Awards	Library	RSS Awards Committee		\$1,000
Haddad, C., & Van Fleet, P. (University of St. Thomas)	Mathematics	Wavelet Course - Phase II	Research	National Science Foundation		\$70,503
Steinhauer, Aaron	Physics	SUNY Geneseo Space Grant	Research	Cornell University	NASA	\$14,000
Fletcher, K., Caraley, A. (SUNY Oswego), Padalino, S., and & Freeman, C.	Physics & Astronomy	Conversations in the Disciplines: The Big Impact of Small Accelerators	Research	SUNY Conversations in the Disciplines		\$5,000
Padalino, S., Fletcher, K., Baldwin, D., Freeman, C., Pogozelski, E., and Stephenson, S. (Gettysburg College)	Physics & Astronomy and Computer Science	Nuclear and Plasma Diagnostics for the OMEGA and EP Laser Systems	Research	Laboratory for Laser Energetics, University of Rochester	DOE	\$400,000
TOTAL						\$714,824

EXTERNAL GRANT EXPENDITURES BY DEPARTMENT 2001-08



GRANT EXPENDITURES BY SPONSOR 2001-08



ACTIVE PROJECTS*
2007-08

PROJECT DIRECTOR/ PRINCIPAL INVESTIGATOR	DEPT	TYPE	FUNDING SOURCE	PRIME FUNDING SOURCE	DIRECT COSTS	INDIRECT COSTS	TOTAL
Bosch, I.	Biology	Research	USDA Coop. State Research Service		57,226	15,809	73,034
Bosch, I.	Biology	Research	Livingston County Planning Department		12,259	0	12,259
Militello, K.	Biology	Research	Nat'l Inst. of Allergy & Infectious Disease (NIH)		29,390	12,042	41,432
Pogozelski, W.	Chemistry	Research	National Science Foundation		4,454	0	4,454
Pogozelski, W.	Chemistry	Research	C. & H. Dreyfus Foundation Inc.		6,012	0	6,012
Farian, H.	Computer Science	Research	National Science Foundation		21,153	7,261	28,414
Peck, S.	Education	Public Service	NYS Education Department	USED	6,128	490	6,618
Peck, S.	Education	Public Service	NYS Education Department	USED	40,384	3,231	43,615
Rommel-Esham, K.	Education	Educational Support	US Dept of Education		147	12	159
Rozalski, M.	Education	Research	Genesee Valley Health Partnership		639	51	690
Rozalski, M.	Education	Training	NEA Foundation		2,000	0	2,000
Herzman, R.	English	Research	University of Vermont	NEH	20,793	5,357	26,150
Giorgis, S.	Geological Sciences	Research	American Chemical Society		26,972	0	26,972
Over, D.J.	Geological Sciences	Research	American Chemical Society		11,731	0	11,731
Cook, W.	History	Research	National Endowment for the Humanities		102,933	2,840	105,773
Rivenburgh, E.	Library	Library	NYS Education Department		139	0	139
Rivenburgh, E.	Library	Library	NYS Education Department		9,762	0	9,762
Haddad, C.	Mathematics	Research	National Science Foundation		6,959	3,335	10,294
Macula, A.	Mathematics	Research	National Science Foundation		115,905	13,530	129,435
Macula, A.	Mathematics	Research	US Air Force Research Laboratory		158,033	9,975	168,008
Macula, A.	Mathematics	Research	US Department of Energy		2,836	0	2,836
McLean, J.	Physics & Astronomy	Research	NYS Office of Science Tech. & Academic Res		181,901	5,855	187,756
Padalino, S.	Physics & Astronomy	Research	University of Rochester	DOE	238,072	36,222	274,294
Padalino, S.	Physics & Astronomy	Research	University of Rochester	DOE	158,653	50,352	209,005
Steinhauer, A.	Physics & Astronomy	Research	Cornell University	NASA	8,500	0	8,500
McClure, G.	Provost's Office	Public Service	NY State Music Fund, Rockefeller Phil. Advis.		57,194	5,719	62,914
Lynch, M.	Psychology	Research	University of Rochester	NIH	23,450	13,875	37,325
Glass, B.	Sociology	Public Service	NYS Unified Court System	DOJ	2,578	0	2,578

* Fiscal Year Expenditures through the Research Foundation of SUNY

TOTALS **\$1,306,202** **\$185,956** **\$1,492,159**

COLLEGE SUPPORT FOR RESEARCH DEVELOPMENT

	1998-99		1999-00		2000-01		2001-02		2002-03		2003-04		2004-05		2005-06		2006-07		2007-08	
Program	#	Amt.																		
Major Faculty Awards																				
Presidential Fellowships	7	24,500	6	21,000	6	21,000	3	10,500	3	10,500	3	10,500	7	24,500	2	7,000	5	17,500	6	21,000
Mid-Career Fellowships ¹	4	14,000	3	12,000	3	12,000	1	4,000	2	8,000	2	8,000	2	8,000	2	8,000	3	12,000	3	12,000
Roemer Fellowship ¹	2	10,000	1	5,000	1	5,000	1	5,000	1	5,000	0	0	1	5,000	0	0	1	5,000	1	5,000
Res. Development Awards	4	3,800	2	3,200	1	595	4	5,200	0	0	3	4,200	2	3,200	0	0	2	4,500	4	4,000
Ind. Cost Recovery Awards	8	5,330	8	5,800	12	6,400	12	8,961	15	10,534	21	16,143	18	11,600	0	0	11	13,887	10	17,127
Proposal Awards	13	2,600	19	3,800	22	4,400	21	4,200	25	5,400	26	5,200	0	0	0	0	0	0	0	0
Subtotal	38	\$60,230	39	\$50,800	45	\$49,395	42	\$37,861	46	\$39,434	55	\$44,043	30	\$52,300	4	\$15,000	22	\$52,887	24	\$59,127
Other Res. Support Programs																				
Research Travel Grants ¹	105	54,458	129	62,105	125	75,199	97	57,804	108	67,975	97	60,422	110	77,057	102	76,373	104	74,182	111	81,030
Research Incentive Grants ¹	21	6,625	12	4,600	10	3,816	9	3,448	14	6,245	15	6,740	13	5,801	7	3,368	14	6,500	15	7,000
College Senate Small Grants ¹	6	1,220	5	812	1	300	5	836	6	969	5	1,175	2	600	2	367	1	300	3	900
Page Charges	5	1,598	3	571	2	460	4	1,698	3	816	4	867	3	746	5	1,000	4	446	3	640
Hurrell/McNaron Award ¹	1	600	1	600	1	600	1	600	1	600	1	600	1	600	0	0	1	1,000	1	1,000
Other Proposal Awd.			4	2,000	3	1,500	1	500	2	1,000	2	1,000	0	0	0	0	0	0	0	0
Subtotal	138	\$64,501	154	\$70,688	142	\$81,875	117	\$64,886	134	\$77,605	124	\$70,804	129	\$84,804	116	\$81,108	124	\$82,428	133	\$90,570
Student Programs																				
Undergraduate Res. Grants ¹	76	28,910	127	38,152	91	41,021	111	49,508	94	42,546	115	43,761	99	53,913	109	47,056	110	41,120	92	42,344
Graduate Student Res. Grants ³																			1	600
Undergrad. Summer Fellows. ¹	5	10,000	5	10,000	5	10,000	5	10,000	4	10,000	4	10,000	4	10,000	4	10,000	4	10,000	4	10,000
Undergrad. Summer Suppl.	5	2,000	5	2,000	5	2,000	5	2,000	4	1,600	4	1,600	4	1,600	4	1,600	4	1,600	4	1,600
Dean Johnston Asst'ships ¹	5	2,500	4	2,000	4	2,000	4	2,000	2	1,000	4	2,000	4	2,000	3	1,500	3	1,500	3	1,500
Gen. Fdn. Asst'ships ¹	5	2,500	5	2,500	1	500	1	500	6	2,500	3	1,500	0	0	0	0	3	1,500	4	2,000
W. & B. Rhodes, Res. Award ^{1,2}																	1	500	1	500
Subtotal	96	\$45,910	146	\$54,652	106	\$55,521	126	\$64,008	110	\$57,646	130	\$58,861	111	\$67,513	120	\$60,156	125	\$56,220	109	\$58,544
Patent Expenses	0	\$0	1	\$6,000	1	\$13,364	2	\$7,385	2	\$16,286	2	\$21,699	3	\$55,084	3	\$0	3	\$2,635	1	\$1,215
TOTAL	272	\$170,641	340	\$182,140	294	\$200,155	287	\$174,140	292	\$190,971	311	\$195,407	273	\$259,701	243	\$156,264	274	\$194,170	267	\$209,456

¹ Funded by Geneseo Foundation, ² New award established 2006-07 year, ³ New award established 2007-08 year.

RESEARCH DEVELOPMENT AND SUPPORT PROGRAMS

The Research Council offers a wide range of programs to support research development and scholarly and creative activity.

Programs for Faculty Members

- **Presidential Summer Fellowships** provide untenured faculty with an opportunity to participate in scholarly activities and establish an ongoing research program. Up to six \$3,500 stipends are awarded annually from funds provided by the College.
- **Geneseo Foundation Summer Fellowships and the Roemer Summer Fellowship** support the research and creative projects of faculty who have been awarded tenure. These fellowships are intended to enable completion of a significant project or to embark in a new direction. The \$4,000 Geneseo Foundation Summer Fellowships are funded by the Geneseo Foundation, and the \$5,000 Roemer award is supported by an endowment gift to the Geneseo Foundation from the late Dr. Spencer Roemer.
- **Research Development Awards** provide support for a wide variety of needs associated with developing research and scholarly projects. Maximum award is \$1,000 or one-course release time. Funding is provided by the College.
- **Principal Investigator Awards** return part of the indirect costs to the project director for research expenses not covered by budgeted costs. Funded by the College.
- **Incentive Grants** are intended to encourage and support faculty initiatives in research and fund pilot studies, completion of manuscripts, data analyses, bibliographic or archival searches, and creative work. Travel to archive, libraries, and laboratories is also support. Funded by the Geneseo Foundation.
- **Faculty Travel Grants** are made to participants in professional meetings. Funded by the Geneseo Foundation.
- **Page Charge** allocations cover the costs of faculty publications in journals with mandatory page charges. Funded by the College.
- The **Hurrell-McNaron Award for Scholarly Presentation** provides a \$1,000 award to an untenured faculty member in support of an outstanding paper delivered at a major conference in the discipline. The award is funded through the Geneseo Foundation by an anonymous donor.
- **College Senate Small Grants** provide up to \$300 awards in support of costs incidental to research and publication and to exhibition and performance. Funded by contributions to the College Senate.

Programs for Students

- **Undergraduate Research and Travel Grants** support student research and conference participation in conjunction with a faculty member. The maximum award is \$600. Funded by the Student Association and the Geneseo Foundation.
- **The Dr. Wendell and Barbara Rhodes Research Award** supports undergraduate student research or field study. Preference will be given to scholarly research combining a natural science and a social science such as biology/sociology or geology/ anthropology. The maximum award is \$500. Funded through the Geneseo Foundation by an endowment established by Dr. Wendell and Barbara Rhodes.
- **Dean Johnston and Geneseo Foundation Student Research Assistantships** provide faculty members with paid research assistance for their scholarly projects. Undergraduate students receive a stipend of \$500. The Dean Johnston Assistantships are funded through an endowment established by CPAC, Inc.
- **Undergraduate Summer Fellowships** provide a \$2,500 stipend for students to undertake a research or creative project under the direction of a faculty member. Students must devote two consecutive summer months to their project. Funded by the Geneseo Foundation.
- **Graduate Student Research and Travel Grants** support graduate student research and conference participation in conjunction with a faculty member. The maximum award is \$600. Funded by the College.

Complete guidelines, application forms and additional information on Geneseo's internal funding programs can be found on the Office of Sponsored Research web site:

<http://sponsoredresearch.geneseo.edu>

2008 FACULTY SUMMER FELLOWSHIPS

Roemer Summer Research Fellowship (\$5,000)

Amy Sheldon, Assistant Professor, Geological Sciences

⁴He Dating of Young Groundwater

Geneseo Foundation Summer Faculty Fellowships (\$4,000 each)

Ming-Mei Chang, Associate Professor of Biology

Constructing a Genomic Library of Cynthiana Grape (Vitis aestivalis)

Wendy Pogozelski, Professor of Chemistry

Completion of Three Student Research Projects and Studying Radiation Effects on Mitochondrial Protein Function

Helena Waddy, Professor of History

Hitler's Passion: Catholic Oberammergau in the Nazi Era

Presidential Summer Fellowships (\$3,500 each)

Justin Behrend, Assistant Professor of History

"True to One Another": African-American Politics and Community after the Civil War

Lori Bernard, Assistant Professor of Foreign Languages

El Cancionero toledano: Ms. 17.689 de la Biblioteca Nacional de Madrid

Dori Farthing, Assistant Professor of Geological Sciences

Geochemical Study of Far Eastern Slag and the Interaction of Slag and Soil

Benjamin Laabs, Assistant Professor of Geological Sciences

Extent, Timing and Climate of the Last Glaciation in the Northern Great Basin, U.S.A.

James McGarrah, Assistant Professor of Chemistry

Exploring New Parameters in Dye Sensitized Solar Cells

Leigh O'Brien, Associate Professor of Education

Restoring Community in Elementary School: A Study of the First-Year Implementation of Peace Circles at Avon Primary School

2008 HURRELL/MCNARON AWARD FOR SCHOLARLY PRESENTATION (\$1,000)

James Kernan, Instructor, Department of Geography

Analysis of Drought Effects on the Spatial Variability of Paleo-Fire Regimes in the Cascade Range

Second Annual
Geneseo Recognizing Excellence, Achievement and Talent
(GREAT) Day

Tuesday, April 22, 2008

Keynote Speaker

Steven W. Squyres, Ph.D.

Dr. Squyres is Goldwin Smith Professor of Astronomy at Cornell University, and is the Principal Investigator for the science payload on the Mars Exploration Rover (MER) Project. He received his Ph.D. from Cornell in 1981 and spent five years as a postdoctoral associate and research scientist at NASA's Ames Research Center before returning to Cornell as a faculty member. His main areas of scientific interest have been Mars and the moons of the outer planets. Research for which he is best known includes study of the history and distribution of water on Mars and of the possible existence and habitability of a liquid water ocean on Europa.

Dr. Squyres has participated in many of NASA's planetary exploration missions, including the Voyager mission to Jupiter and Saturn, the Magellan mission to Venus, and the Near Earth Asteroid Rendezvous mission. Along with his current work on MER, he is also a co-investigator on the 2003 Mars Express, 2005 Mars Reconnaissance Orbiter and 2009 Mars Science Laboratory missions, a member of the Gamma-Ray Spectrometer Flight Investigation Team for the Mars Odyssey mission, and a member of the imaging team for the Cassini mission to Saturn.

Dr. Squyres has served as Chair of the NASA Space Science Advisory Committee and as a member of the NASA Advisory Council. His awards include the American Astronomical Society's Harold C. Urey Prize, the Space Science Award of the American Institute of Aeronautics and Astronautics, the American Astronautical Society's Carl Sagan Award, the National Space Society's Wernher von Braun Award, and the Benjamin Franklin Medal of the Franklin Institute. He is a fellow of the American Academy of Arts and Sciences.

Abstract of Keynote Address

Roving Mars: Spirit, Opportunity and the Exploration of the Red Planet

In January of 2004, twin robotic explorers named *Spirit* and *Opportunity* landed on Mars. Expected to last for 90 days, the two rovers have now been exploring the martian surface for more than three years. Their objective is to search for evidence of past water on Mars, and to determine if Mars ever had conditions that would have been suitable for life.

Spirit landed in Gusev Crater, a large impact crater in the southern highlands of Mars. Finding only ancient lava on the crater floor, *Spirit* drove a mile and a half to the base of the Columbia Hills, a mountain range near the landing site. There *Spirit* ascended Husband Hill, the highest summit in the range, finding strong evidence that the rocks were modified long ago by water.

Opportunity landed on Meridiani Planum, a smooth plateau near the Martian equator. In the first few weeks after landing, *Opportunity* found compelling evidence for long-ago water on Mars. This evidence included thick deposits of sulfate salts, concretions that precipitated from liquid water, and rocks that preserve ancient ripples formed when water flowed over sand. *Opportunity* has driven nearly six miles across the martian surface, and is now exploring Victoria Crater, a spectacular impact crater half a mile in diameter.

To develop *Spirit* and *Opportunity*, a team of more than 4,000 highly motivated engineers and scientists overcame a host of technical challenges. The challenges were multiplied by an extraordinarily tight schedule that was driven by the motions of the planets. The talk provided an up-to-date summary of the missions of *Spirit* and *Opportunity*, from their initial conception through their development, launch, landing, and operations on the surface of Mars.

A video of Dr. Squyres' address can be found on the GREAT Day website:
<http://great.geneseo.edu>

2007-08 GREAT Day Planning Committee Members:

Douglas Anderson, School of the Arts

Anne Baldwin, Office of Sponsored Research

Joan Ballard, Department of Psychology

Graham Drake, Department of English

Walter Freed, Department of English

Charles Freeman, Department of Physics & Astronomy

Andrea Klein, Scheduling and Special Events

Michael Rozalski, School of Education

Aaron Steinhauer, Department of Physics & Astronomy

Stephen West, GREAT Day Coordinator

GREAT Day 2008

General Statistics and Budget

	No. of Sessions	No. of Presentations	No. of Students Participating	Total Attendance	Average Attendance Per Session
Concurrent Presentations^{1,2}					
1 (1st AM)	13	46	58	266	20.5
2 (2nd AM)	14	44	79	457	32.6
3 (1st PM)	15	47	88	516	34.4
4 (2nd PM)	14	43	76	372	26.6
Subtotals	56	180	274	1611	28.8
Extended Session (Business Plan Competition)	1	7	30	15	
Keynote Address				350	
Poster Sessions^{3,4,5}		150	366		
AM				350	
PM (lunch)				1000	
PM (reception)				350	
Dance Performances		1	16		
Artwork Exhibits		31	19		
Chamber Music Festival		9	66		
Totals⁶		378	739		

¹ 27 students participated in multiple concurrent session presentations, but were only counted once in the total for participation

² Attendance figures for concurrent sessions exclude presenters, moderators, and commentators

³ 25 posters in the Milne Library and 125 in the Union Ballroom

⁴ 15 students were authors on multiple posters, but were only counted once in the total for participation

⁵ Estimated Union Ballroom total headcount

⁶ Overall, 59 students had multiple presentations, performances, or exhibits, but were only counted once in the total for participation

GREAT Day 2008 Budget Summary

Supplies	\$492
Poster Printing	2,515
Keynote Speaker	1,200
Printing, Badges & Promotion	7,467
Campus Auxiliary Services	7,763
Facilities and Tech Fees	593
Total	\$20,030

GREAT Day 2008

Presentations by Department

	Concurrent Presentations 1 (1st AM)	Concurrent Presentations 2 (2nd AM)	Concurrent Presentations 3 (1st PM)	Concurrent Presentations 4 (2nd PM)	Total Concurrent Presentations	Extended Session (Business Plan Comp.)	Poster Presentations	Artwork Exhibits	Dance and Music Performances	Totals
Anthropology	3	2	5	4	14		13			27
Arts			3	4	7			31	10	48
Biology	4	4	4	4	16		25			41
Business			4	3	7	7				14
Chemistry				1	1		14			15
Communication		4	2	3	9		15			24
Communicative Disorders & Sciences				1	1		8			9
Computer Science							3			3
Education		4	1		5		17			22
English	16	8	10	7	41					41
Foreign Languages & Literatures				1	1	2		2		4
Geography				1		1		4		5
Geological Sciences							10			10
History	4	5	3		12		7			19
Mathematics	2	1	4	7	14		3			17
Multicultural Affairs				1		1				1
Philosophy	6	2	2	5	15					15
Physics & Astronomy	1	2		3	6		10			16
Political Science & International Relations		4	3	2		9		1		10
Psychology	3	4			7		16			23
Sociology			2	4	6		2			8
Women's Studies	3	3			6					6
Totals	46	44	47	43	180	7	150	31	10	378

DEPARTMENTAL SUMMARIES

Internal and External Funding

Years 1999-2000 through 2007-2008

DEPARTMENT OF ANTHROPOLOGY

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	1	0	2	2	0	2	1	3	1
Faculty Submitting	1	0	2	2	0	1	1	2	1
New Awards	0	0	0	1	0	0	0	1	0
Active Projects	0	0	0	1	1	0	0	0	0
Funded PIs	0	0	0	1	1	0	0	0	0
Direct Expenditures	0	0	0	13,200	6,600	0	0	0	0
Indirect Costs	0	0	0	0	0	0	0	0	0
IC/DC Ratio				0.0%	0.0%				
Geneseo Support									
Research Initiatives	0	1,200	0	400	1,400	3,500	0	0	0
General Scholarly Support	4,056	3,200	1,770	3,289	2,188	3,348	3,190	4,892	2,890

2007-08

Proposals Submitted

Barbara Welker

National Science Foundation

Research

\$146,672

General Scholarly Support

Rose-Marie Chierici

Travel Grant

800

Ellen Kintz

Travel Grant

1,000

Ellen Kintz

Incentive Grant

500

Paul Pacheco

Travel Grant

216

SCHOOL OF THE ARTS

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	0	0	0	0	0	0	0	6	3
Faculty Submitting	0	0	0	0	0	0	0	2	3
New Awards	0	0	0	0	0	0	0	1	2
Active Projects	0	0	0	0	0	0	0	0	2
Funded PIs	0	0	0	0	0	0	0	0	2
Direct Expenditures	0	0	0	0	0	0	0	0	550
Indirect Costs	0	0	0	0	0	0	0	0	0
IC/DC Ratio									0.0%
Geneseo Support									
Research Initiatives	0	3,500	10,000	3,500	0	3,500	0	0	0
General Scholarly Support	2,905	3,358	6,039	5,992	8,644	8,474	5,139	6,296	7,703

2007-08

Proposals Submitted

Julie Cardillo	NY Foundation for the Arts	Exhibit	\$300
Thomas MacPherson	NY Foundation for the Arts	Fellowship	8,000
Ruben Ornelas	Fulbright/CIES, Occasional Lecturer Program	Travel	250

Awards

Julie Cardillo	NY Foundation for the Arts	Exhibit	\$300
Ruben Ornelas	Fulbright/CIES, Occasional Lecturer Program	Travel	250

General Scholarly Support

Douglas Anderson	Travel Grant	317
Melanie Blood	Travel Grant	800
Lynette Bosch	Travel Grant	800
Leah Garland	Travel Grant	800
James Kimball	Travel Grant	410
Jonathan Kruger & David Gibson	Incentive Grant	500
Thomas MacPherson	Travel Grant	650
Thomas MacPherson	Incentive Grant	500
Ruben Ornelas	Travel Grant	1,000
Ruben Ornelas	Incentive Grant	442
Ruben Ornelas	College Senate Small Grant	300
Amy Stanley	Incentive Grant	384
Michael Teres	Travel Grant	800

DEPARTMENT OF BIOLOGY

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	9	12	9	4	7	4	4	2	5
Faculty Submitting	4	6	5	3	3	3	4	2	5
New Awards	4	6	4	3	5	3	2	1	1
Active Projects	13	8	12	12	9	3	5	5	3
Funded PIs	6	6	8	7	6	3	1	2	2
Direct Expenditures	73,724	69,905	113,584	160,086	150,424	168,999	68,467	52,184	98,874
Indirect Costs	6,367	4,333	14,248	29,405	18,237	22,247	5,809	11,858	27,851
IC/DC Ratio	8.6%	6.2%	12.5%	18.4%	12.1%	13.2%	8.4%	22.7%	28.2%
Geneseo Support									
Research Initiatives	8,644	5,833	6,225	2,114	4,478	2,279	3,500	4,000	5,000
General Scholarly Support	2,400	2,798	2,400	4,899	700	3,200	2,116	2,400	2,054

2007-08

Proposals Submitted

Jennifer Apple	National Science Foundation	Research	\$149,439
Isidro Bosch	Livingston County Planning Dept.	Research	6,307
Elizabeth Cox	National Institutes of Health	Research	212,862
Jani Lewis	National Institutes of Health	Research	212,965
Kevin Militello	National Institutes of Health	Research	13,034

New Awards

Isidro Bosch	Livingston County Planning Dept.	Research	6,307
--------------	----------------------------------	----------	-------

Active Projects with Fiscal Year Expenditures

Isidro Bosch	Livingston County Planning Dept.	Research	12,259
Isidro Bosch	U.S. Dept. of Agriculture	Research	73,034
Kevin Militello	National Institutes of Health	Research	41,431

Research Initiatives

Ming-Mei Chang	Geneseo Foundation Summer Faculty Fellowship	4,000
Janice Lovett	Research Development Award	1,000

General Scholarly Support

Susan Bandoni-Muench	Travel Grant	682
Ming-Mei Chang	Travel Grant	800
Kristina Hannam	Travel Grant	772
Duane McPherson	Travel Grant	800

SCHOOL OF BUSINESS

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	1	1	2	1	2	2	3	2	0
Faculty Submitting	1	1	2	1	2	1	2	2	0
New Awards	0	0	1	0	0	0	0	0	0
Active Projects	1	1	2	1	2	2	0	0	0
Funded PIs	1	1	2	1	2	2	0	0	0
Direct Expenditures	1,836	10,000	13,940	48,120	73,691	30,189	0	0	0
Indirect Costs	0	0	64	3,850	5,521	2,403	0	0	0
IC/DC Ratio	0.0%	0.0%	0.5%	8.0%	7.5%	8.0%			
Geneseo Support									
Research Initiatives	500	740	3,900	1,300	585	552	4,000	7,500	0
General Scholarly Support	7,047	7,120	9,318	10,444	8,400	11,803	9,137	9,079	6,800

2007-08

General Scholarly Support

Ian Alam	Travel Grant	\$1,000
Anthony Gu	Travel Grant	1,000
Jeff Gutenberg	Travel Grant	800
Seong Lim	Travel Grant	800
Peter Markulis	Travel Grant	800
Michael Schinski	Travel Grant	800
Farooq Sheikh	Travel Grant	800
Daniel Strang	Travel Grant	800

DEPARTMENT OF CHEMISTRY

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	1	4	11	8	6	9	6	6	7
Faculty Submitting	1	3	3	3	2	3	4	4	8*
New Awards	1	1	5	2	2	2	2	0	0
Active Projects	6	4	6	6	6	7	4	3	2
Funded PIs	4	4	4	3	2	2	2	2	1
Direct Expenditures	85,440	42,560	76,541	84,234	48,843	255,418	91,995	11,309	10,321
Indirect Costs	5,527	0	455	5,047	5,198	17,454	25,094	0	0
IC/DC Ratio	6.5%	0.0%	0.6%	6.0%	10.6%	6.8%	27.3%	0.0%	0.0%
Geneseo Support									
Research Initiatives	3,700	5,153	2,200	4,200	1,133	9,020	0	0	7,500
General Scholarly Support	1,400	1,695	1,098	1,920	1,396	3,200	2,120	4,879	2,094

2007-08

Proposals Submitted

David Geiger	National Science Foundation	Research	\$321,000
* Co-PIs: H. Cristina Geiger, Eric Helms, David Johnson, and James McGarrah			
David Johnson	National Institutes of Health	Research	217,899
James McGarrah	American Chemical Society/PRF	Research	50,000
Ruel McKnight	National Science Foundation	Research	24,732
Wendy Pogozelski	Howard Hughes Medical Institute	Research	1,522,343
Co-PIs: D. Geiger, G. Hartvigsen, J. Lewis, S. Padalino.			
Kazushige Yokoyama	National Science Foundation	Research	365,025
Kazushige Yokoyama	NineSigma/GM	Research	125,998

Active Projects with Fiscal Year Expenditures

Wendy Pogozelski	National Science Foundation	Research	4,454
Wendy Pogozelski	C. & H. Dreyfus Foundation	Research	6,012

Research Initiatives

James McGarrah	Presidential Summer Faculty Fellowship	3,500
Wendy Pogozelski	Geneseo Foundation Summer Faculty Fellowship	4,000

General Scholarly Support

James McGarrah	Travel Grant	800
Ruel McKnight	Travel Grant	494
Wendy Pogozelski	Travel Grant	800

DEPARTMENT OF COMMUNICATION

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	0	0	0	0	0	0	0	0	0
Faculty Submitting	0	0	0	0	0	0	0	0	0
New Awards	0	0	0	0	0	0	0	0	0
Active Projects	0	0	0	0	0	0	0	0	0
Funded PIs	0	0	0	0	0	0	0	0	0
Direct Expenditures	0	0	0	0	0	0	0	0	0
Indirect Costs	0	0	0	0	0	0	0	0	0
IC/DC Ratio									
Geneseo Support									
Research Initiatives	0	0	0	0	3,500	0	0	0	
General Scholarly Support	3,470	3,257	2,490	2,800	1,400	3,200	2,600	2,800	4,905

2007-08

General Scholarly Support

Joseph Bulsys	Travel Grant	\$800
Andrew Herman	Travel Grant	800
Virginia Jurkowski	Travel Grant	705
Meridith Marko-Harrigan	Travel Grant	800
Atsushi Tajima	Travel Grant	800
Yu Zhang	Travel Grant	1,000

DEPARTMENT OF COMMUNICATIVE DISORDERS AND SCIENCES

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	0	0	0	0	0	0	1	0	0
Faculty Submitting	0	0	0	0	0	0	1	0	0
New Awards	0	0	0	0	0	0	0	0	0
Active Projects	0	0	0	0	0	0	0	0	0
Funded PI's	0	0	0	0	0	0	0	0	0
Direct Expenditures	0	0	0	0	0	0	0	0	0
Indirect Costs	0	0	0	0	0	0	0	0	0
IC/DC Ratio									
Geneseo Support									
Research Initiatives	0	0	0	5,000	0	0	0	0	0
General Scholarly Support	1,476	1,300	506	700	1,242	1,300	3,466	1,507	1,600

2007-08

General Scholarly Support

Dale Metz	Travel Grant	\$800
Robert Owens	Travel Grant	800

DEPARTMENT OF COMPUTER SCIENCE

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	2	1	3	5	2	3	0	0	0
Faculty Submitting	2	1	2	3	2	2	0	0	0
New Awards	1	0	1	2	2	2	1	0	0
Active Projects	1	1	2	3	3	2	2	1	1
Funded PIs	1	1	1	2	3	1	1	1	1
Direct Expenditures	14,172	47,471	25,914	53,736	17,525	160,870	103,075	13,272	21,153
Indirect Costs	2,993	19,307	4,221	16,577	4,331	5,595	2,827	9,954	7,261
IC/DC Ratio	21.1%	28.9%	16.3%	30.8%	24.7%	3.5%	2.7%	75.0%	34.3%
Geneseo Support									
Research Initiatives	400	499	2,331	822	2,258	0	0	0	0
General Scholarly Support	600	1,200	1,400	1,400	2,800	0	0	1,800	2,240

2007-08

Active Projects with Fiscal Year Expenditures

Homma Farian	National Science Foundation	Research	\$28,414
--------------	-----------------------------	----------	----------

General Scholarly Support

Douglas Baldwin	Travel Grant	800
Homma Farian	Travel Grant	640
Christian Shin	Travel Grant	800

SCHOOL OF EDUCATION

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	3	0	0	6	8	10	6	1	6
Faculty Submitting	3	0	0	3	7	4	4	1	4*
New Awards	0	0	0	1	6	8	3	1	4
Active Projects	3	2	2	1	6	9	8	5	5
Funded PIs	3	2	2	1	5	4	4	4	3
Direct Expenditures	64,353	42,802	15,679	4,530	56,164	90,532	89,737	48,105	42,294
Indirect Costs	31	0	0	362	3,992	7,700	6,624	3,841	3,784
IC/DC Ratio	0.1%	0.0%	0.0%	8.0%	7.1%	8.5%	7.3%	8.0%	
Geneseo Support									
Research Initiatives	200	3,500	0	2,400	1,300	6,194	3,500	0	4,500
General Scholarly Support	10,274	12,123	8,756	11,441	8,892	10,500	12,842	4,350	5,763

2007-08

Proposals Submitted

Sharon Peck	NY State Education Department	Public Service	\$49,942
Sharon Peck	NY State Education Department	Educ. Support	35,499
*Co-PI: Susan Norman			
Michael Rozalski	NEA Foundation	Training	1,991
Michael Rozalski	Genesee Valley Health Partnership	Training	2,000
Michael Rozalski	Joan & Harold Feinbloom Foundation, RACF	Research	14,304
Sherry Schwartz	Arete Initiative, Univ. of Chicago	Research	83,066

New Awards

Sharon Peck	NY State Education Department	Public Service	49,942
Michael Rozalski	NEA Foundation	Training	2,000
Michael Rozalski	Genesee Valley Health Partnership	Research	2,000
Michael Rozalski	Joan & Harold Feinbloom Foundation, RACF	Research	14,304

Active Projects with Fiscal Year Expenditures

Katherine Rommel-Esham	U.S. Dept. of Education	Educ. Support	159
Sharon Peck	NY State Education Department	Public Service	6,618
Sharon Peck	NY State Education Department	Public Service	43,615
Michael Rozalski	NEA Foundation	Training	2,000
Michael Rozalski	Genesee Valley Health Partnership	Research	690

Other Activities

Susan Norman	Rochester Young Scholars Academy, CSI Camp, Summer 2007, sponsored by the Rochester City School District and the Xerox Center for Multicultural Teacher Education
--------------	---

Research Initiatives

Maria Liwanag	Research Development Award	1,000
Leigh O'Brien	Presidential Summer Fellowship	3,500

General Scholarly Support

Ernest Balajthy	Travel Grant	800
Elizabeth Hall	Travel Grant	1,000
Mary Jensen	Travel Grant	800
Kelly Keegan	Travel Grant	745
Cheryl Kreutter	Travel Grant	800
Maria Liwanag	Travel Grant	800
Donald Marozas	Travel Grant	461
Brian Morgan	Travel Grant	194
Jane Morse	Travel Grant	163
Susan Norman	Travel Grant	800
Leigh O'Brien	Travel Grant	800
Sharon Peck	Travel Grant	800
Katherine Rommel-Esham	Travel Grant	800
Michael Rozalski	Travel Grant	1,000
Michael Rozalski	College Senate Small Grant	215
Michael Rozalski	Incentive Grant	500
Dennis Showers	Travel Grant	1,000
Linda Steet	Travel Grant	800
Linda Ware	Travel Grant	800

DEPARTMENT OF ENGLISH

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	1	0	1	1	1	0	2	2	1
Faculty Submitting	1	0	1	1	1	0	2	2	1
New Awards	0	1	1	1	1	0	0	2	1
Active Projects	1	1	2	2	2	2	1	1	1
Funded PIs	1	1	1	1	1	1	1	1	1
Direct Expenditures	13,745	15,343	29,368	28,210	28,764	39,154	16,842	26,049	20,793
Indirect Costs	2,852	1,534	4,895	4,514	4,471	5,000	3,888	1,339	5,357
IC/DC Ratio	20.7%	10.0%	16.7%	16.0%	15.5%	12.8%	23.1%	5.1%	25.8%
Geneseo Support									
Research Initiatives	100	5,353	353	690	4,651	3,947	0	8,500	0
General Scholarly Support	7,865	9,674	7,147	5,885	8,644	7,479	8,951	11,329	10,120

2007-08

Proposals Submitted

Ronald Herzman University of Vermont/NEH Research \$55,197

Awards

Jun Okada Rockefeller Center Archives Research 1,300

Active Projects with Fiscal Year Expenditures

Ronald Herzman University of Vermont/NEH Research 26,150

General Scholarly Support

Ken Cooper	Travel Grant	800
Robert Doggett	Travel Grant	482
Graham Drake	Travel Grant	559
Richard Finkelstein	Travel Grant	800
Thomas Greenfield	Travel Grant	800
Rachel Hall	Travel Grant	800
Ellen Herzman	Travel Grant	596
Ronald Herzman	Travel Grant	800
Maria Lima	Travel Grant	1,000
Shaila Mehra	Travel Grant	400
Jun Okada	Travel Grant	800
Alice Rutkowski	Travel Grant	483
Paul Schact	Travel Grant	800
Eugene Stelzig	Travel Grant	1,000

DEPARTMENT OF FOREIGN LANGUAGES AND LITERATURES

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	0	0	0	0	0	0	0	2	2
Faculty Submitting	0	0	0	0	0	0	0	2	2
New Awards	0	0	0	0	0	0	0	0	1
Active Projects	0	0	0	0	0	0	0	0	1
Funded PI's	0	0	0	0	0	0	0	0	1
Direct Expenditures	0	0	0	0	0	0	0	0	250
Indirect Costs	0	0	0	0	0	0	0	0	0
IC/DC Ratio									0.0%
Geneseo Support									
Research Initiatives	0	4,000	0	0	0	0	0	0	3,500
General Scholarly Support	2,660	1,834	950	1,677	3,197	2,878	2,693	1,800	2,800

2007-08

Proposals Submitted

Beverly Evans	Fulbright/CIES	Fellowship	\$16,000
Cynthia Klima	Fulbright/CIES, Occasional Lecturer Program	Travel	250

Research Initiatives

Lori Bernard	Presidential Summer Fellowship	3,500
--------------	--------------------------------	-------

General Scholarly Support

Lori Bernard	Travel Grant	1,000
Rose McEwen	Travel Grant	1,000
Jasmine Tang	Travel Grant	800

DEPARTMENT OF GEOGRAPHY

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	1	1	0	0	1	0	0	1	0
Faculty Submitting	1	1	0	0	1	0	0	1	0
New Awards	0	0	0	0	0	0	0	0	0
Active Projects	0	0	0	0	0	0	0	0	0
Funded PIs	0	0	0	0	0	0	0	0	0
Direct Expenditures	0	0	0	0	0	0	0	0	0
Indirect Costs	0	0	0	0	0	0	0	0	0
IC/DC Ratio									
Geneseo Support									
Research Initiatives	5,700	200	3,500	0	0	0	0	0	1,000
General Scholarly Support	2,925	2,978	2,713	3,509	4,675	4,635	4,684	3,100	6,475

2007-08

Research Initiatives

David Robertson	Research Development Award	\$1,000
-----------------	----------------------------	---------

General Scholarly Support

David Aagesen	Travel Grant	1,000
Colleen Garrity	Travel Grant	800
James Kernan	Travel Grant	800
James Kernan	Hurrell/McNaron Award for Scholarly Presentation	1,000
Darrell Norris	Travel Grant	775
David Robertson	Travel Grant	800
Jennifer Rogalsky	Travel Grant	800
Ren Vasiliev	Incentive Grant	500

DEPARTMENT OF GEOLOGICAL SCIENCES

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	3	1	4	2	2	3	1	0	2
Faculty Submitting	2	1	2	1	2	2	1	0	2
New Awards	1	0	1	1	1	1	0	1	0
Active Projects	1	2	2	2	1	0	0	2	2
Funded PIs	1	1	2	2	1	0	0	2	2
Direct Expenditures	15,502	1,892	2,810	40,287	2,950	0	0	12,221	38,703
Indirect Costs	3,403	0	0	0	0	0	0	0	0
IC/DC Ratio	22.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Geneseo Support									
Research Initiatives	919	540	400	0	200	0	0	0	12,000
General Scholarly Support	792	1,900	1,809	1,163	700	3,200	3,827	3,200	4,000

2007-08

Proposals Submitted

Benjamin Laabs	National Science Foundation	Research	\$29,035
Amy Sheldon	National Science Foundation	Research	105,556

Active Projects with Fiscal Year Expenditures

Scott Giorgis	American Chemical Society/PRF	Research	26,972
D. Jeffrey Over	American Chemical Society/PRF	Research	11,731

Research Initiatives

Dori Farthing	Presidential Summer Fellowship	3,500
Benjamin Laabs	Presidential Summer Fellowship	3,500
Amy Sheldon	Roemer Summer Research Fellowship	5,000

General Scholarly Support

Dori Farthing	Travel Grant	800
Scott Giorgis	Travel Grant	800
Benjamin Laabs	Travel Grant	800
D. Jeffrey Over	Travel Grant	800
Richard Young	Travel Grant	800

DEPARTMENT OF HISTORY

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	3	0	1	1	1	1	2	3	6
Faculty Submitting	2	0	1	1	1	1	2	3	5
New Awards	1	1	0	1	0	1	1	0	1
Active Projects	1	3	2	1	1	1	1	0	1
Funded PIs	1	2	2	1	1	1	1	0	1
Direct Expenditures	364	109,454	12,451	87,584	13,053	100,061	38,670	0	102,933
Indirect Costs	0	5,980	8,352	7,777	7,805	3,274	2,591	0	2,840
IC/DC Ratio	0.0%	5.5%	67.1%	8.9%	59.8%	3.3%	7.0%		2.8%
Geneseo Support									
Research Initiatives	200	3,500	798	8,535	4,478	8,800	0	0	7,500
General Scholarly Support	1,861	3,200	3,062	4,842	4,392	3,900	1,800	2,900	6,231

2007-08

Proposals Submitted

Justin Behrend	National Endowment for the Humanities	Research	\$50,400
William Cook	National Endowment for the Humanities	Research	140,414
Emilye Crosby	National Endowment for the Humanities	Research	6,000
Jordan Kleiman	National Science Foundation	Research	119,933
Jordan Kleiman	National Science Foundation	Research	131,765
Helena Waddy	German Academic Exchange Service	Research	9,373

New Awards

William Cook	National Endowment for the Humanities	Research	137,243
--------------	---------------------------------------	----------	---------

Active Projects with Fiscal Year Expenditures

William Cook	National Endowment for the Humanities	Research	105,773
--------------	---------------------------------------	----------	---------

Research Initiatives

Justin Behrend	Presidential Summer Fellowship	3,500
Helena Waddy	Geneseo Foundation Summer Fellowship	4,000

General Scholarly Support

Justin Behrend	Travel Grant	1,000
Emilye Crosby	Travel Grant	800
Emilye Crosby	Incentive Grant	300
Emilye Crosby	Incentive Grant	500
Tze-ki Hon	Travel Grant	1,000
Jordan Kleiman	Travel Grant	631
Kathleen Mapes	Travel Grant	1,000
Michael Oberg	Travel Grant	1,000

DEPARTMENT OF MATHEMATICS

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	2	5	2	2	2	1	3	5	0
Faculty Submitting	2	2	1	1	1	1	2	2	0
New Awards	1	2	0	1	0	1	2	2	1
Active Projects	1	1	1	2	1	2	2	5	4
Funded PIs	1	1	1	1	1	2	1	1	2
Direct Expenditures	26,432	13,242	30,320	96,569	24,920	130,061	167,162	469,565	283,733
Indirect Costs	9,446	3,600	14,228	16,602	0	14,850	24,146	44,958	26,840
IC/DC Ratio	35.7%	27.2%	46.9%	17.2%	0.0%	11.4%	14.4%	9.6%	9.5%
Geneseo Support									
Research Initiatives	4,200	1,145	560	1,623	5,860	0	0	0	0
General Scholarly Support	2,643	2,944	1,046	1,955	1,686	2,600	1,734	1,315	800

2007-08

New Awards

Caroline Haddad

National Science Foundation

Research

\$70,503

Active Projects with Fiscal Year Expenditures

Caroline Haddad

National Science Foundation

Research

10,294

Anthony Macula

National Science Foundation

Research

129,435

Anthony Macula

U.S. Air Force

Research

168,008

General Scholarly Support

General Schools

Travel Grant

800

OTHER OFFICES AND DEPARTMENTS

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	2	3	4	5	4	3	9	6	5
Faculty Submitting	2	3	4	5	4	3	10	5	4*
New Awards	2	3	3	5	4	3	6	2	2
Active Projects	1	2	4	6	7	7	5	4	3
Funded PI's	1	2	3	5	7	4	3	3	2
Direct Expenditures	10,125	36,983	28,899	35,212	64,725	36,060	38,988	24,602	67,095
Indirect Costs	0	0	72	377	0	0	0	1,022	5,719
IC/DC Ratio	0.0%	0.0%	0.2%	1.1%	0.0%	0.0%	0.0%	4.2%	8.5%
Geneseo Support									
Research Initiatives	0	0	0	0	0	0	0	0	0
General Scholarly Support	0	1,472	0	0	0	2,524	0	0	800

2007-08 Proposals Submitted

Kimberly Harvey (Residence Life) * Co-PI: Celia Easton	American College Personnel Association	Research	500
Heidi Levine (Student Health)	SAMHSA/DHHS	Inst. Support	72,899
Thomas Matthews (Leadership Ed.)	Campus Compact/Fidelity Char. Fund	Public Service	18,000
Edwin Rivenburgh (Milne Library)	NY State Education Dept.	Library	10,175
Edwin Rivenburgh (Milne Library)	Institute of Museum & Library Services	Library	457,829
Edwin Rivenburgh (Milne Library)	RRS Awards Committee	Library	1,000
Edwin Rivenburgh (Milne Library)	Regents Advisory Council on Libraries	Library	1,000

New Awards

Edwin Rivenburgh (Milne Library)	NY State Education Dept.	Library	10,175
Edwin Rivenburgh (Milne Library)	RSS Awards Committee	Library	1,000

Active Projects with Fiscal Year Expenditures

Edwin Rivenburgh (Milne Library)	NY State Education Dept.	Library	139
Edwin Rivenburgh (Milne Library)	NY State Education Dept.	Library	9,762
Glenn McClure (Provost's Office)	NY State Music Fund	Public Service	62,914

General Scholarly Support

Kimberly Hoffman (Milne Library)	Travel Grant	800
----------------------------------	--------------	-----

DEPARTMENT OF PHILOSOPHY

	1999-00	2000-01	2001-02	2002-03	2004-05	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	0	1	1	0	0	0	0	1	1
Faculty Submitting	0	1	1	0	0	0	0	1	1
New Awards	0	0	1	1	0	0	0	0	0
Active Projects	0	0	0	2	0	0	0	0	0
Funded PIs	0	0	0	2	0	0	0	0	0
Direct Expenditures	0	0	0	64,498	0	0	0	0	0
Indirect Costs	0	0	0	0	0	0	0	0	0
IC/DC Ratio				0.0%					
Geneseo Support									
Research Initiatives	3,500	0	200	0	0	0	0	0	0
General Scholarly Support	2,077	1,244	835	0	200	0	2,175	2,305	1,300

2007-08

Proposals Submitted

David Levy

National Endowment for the Humanities

Research

\$6,000

General Scholarly Support

Carlo Filice

Travel Grant

800

Theodore Everett

Incentive Grant

500

DEPARTMENT OF PHYSICS AND ASTRONOMY

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	8	12	9	6	7	10	7	4	4
Faculty Submitting	5	6	5	3	4	5	5	7	8*
New Awards	5	4	7	5	6	5	3	1	3
Active Projects	11	12	8	8	6	6	7	6	4
Funded PIs	5	6	4	4	2	3	5	5	3
Direct Expenditures	164,565	197,400	186,968	269,804	264,335	257,953	277,938	664,918	587,125
Indirect Costs	33,615	40,998	29,979	49,483	42,236	47,584	62,089	92,954	92,209
IC/DC Ratio	20.4%	20.8%	16.0%	18.3%	16.0%	18.4%	22.3%	14.0%	15.7%
Geneseo Support									
Research Initiatives	11,625	4,361	5,128	4,110	5,614	4,223	0	3,500	0
General Scholarly Support	0	578	700	0	700	0	4,000	1,374	0

2007-08

Proposals Submitted

Savi Iyer	NASA	Research	\$165,642
George Marcus	Research Corporation	Research	34,718
Stephen Padalino	Univ. of Rochester, LLE/DOE	Research	400,000
Co-PIs: Kurtis Fletcher, Douglas Baldwin (Computer Science), Charles Freeman, Edward Pogozelski, Sharon Stephenson (Gettysburg College)			
Aaron Steinhauer	Cornell University/NASA	Research	15,000

New Awards

Kurt Fletcher	SUNY Conversations in the Disciplines	Research	5,000
Stephen Padalino	Univ. of Rochester, LLE/DOE	Research	400,000
Co-PIs: Kurtis Fletcher, Douglas Baldwin (Computer Science), Charles Freeman, Edward Pogozelski, Sharon Stephenson (Gettysburg College)			

Active Projects with Fiscal Year Expenditures

James McLean	NYS Foundation for Science, Tech. & Innov.	Research	187,756
Stephen Padalino	Univ. of Rochester, LLE/DOE	Research	274,294
Co-PIs: Kurtis Fletcher, Douglas Baldwin (Computer Science), Charles Freeman, Edward Pogozelski, Sharon Stephenson (Gettysburg College)			
Stephen Padalino	Univ. of Rochester, LLE/DOE	Research	209,005
Co-PIs: Kurtis Fletcher, Douglas Baldwin (Computer Science), Charles Freeman, Edward Pogozelski, Sharon Stephenson (Gettysburg College)			
Aaron Steinhauer	Cornell University/NASA	Research	8,500

DEPARTMENT OF POLITICAL SCIENCE AND INTERNATIONAL RELATIONS

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
External Support									
Proposals	1	0	0	2	2	1	0	1	1
Faculty Submitting	1	0	0	2	2	1	0	1	1
New Awards	0	0	0	0	1	0	0	0	0
Active Projects	0	0	0	0	1	0	0	0	0
Funded PIs	0	0	0	0	1	0	0	0	0
Direct Expenditures	0	0	0	0	8,000	0	0	0	0
Indirect Costs	0	0	0	0	0	0	0	0	0
IC/DC Ratio					0.0%				
Geneseo Support									
Research Initiatives	200	3,500	0	4,200	2,600	0	0	0	0
General Scholarly Support	2,149	1,850	1,400	1,305	0	1,427	3,193	2,400	2,400

2007-08

Proposals Submitted

Jeffrey Koch

Fulbright/CIES, Direct Access to the Muslim World

Travel

\$5,000

General Scholarly Support

Victoria Farmer

Travel Grant

\$800

Robert Goeckel

Travel Grant

800

Jeffrey Koch

41

