

FY 2000 Report
on the Merit Review System

APPENDICES

Appendix Table 1

**Competitively Reviewed Proposals, Awards and Funding Rates
By Directorate, FY 1996 – 2000**

		Fiscal Year					Five-	Five-
		1996	1997	1998	1999	2000	year	year
						Total	Average	
NSF	Proposals	30,230	30,189	28,319	28,501	29,407	146,646	29,329
	Awards	9,070	9,864	9,280	9,112	9,762	47,088	9,418
	Funding Rate	30%	33%	33%	32%	33%	32%	32%
BIO	Proposals	5,673	5,206	4,852	4,560	4,860	25,151	5,030
	Awards	1,325	1,413	1,403	1,339	1,424	6,904	1,381
	Funding Rate	23%	27%	29%	29%	29%	27%	27%
CSE	Proposals	1,929	2,010	2,036	2,295	3,012	11,282	2,256
	Awards	645	731	707	763	921	3,767	753
	Funding Rate	33%	36%	35%	33%	31%	33%	33%
EHR	Proposals	3,732	3,369	3,511	2,847	2,710	16,169	3,234
	Awards	1,326	1,191	1,211	819	937	5,484	1,097
	Funding Rate	36%	35%	34%	29%	35%	34%	34%
ENG	Proposals	5,953	6,073	5,535	5,415	6,012	28,988	5,798
	Awards	1,380	1,570	1,382	1,467	1,531	7,330	1,466
	Funding Rate	23%	26%	25%	27%	25%	25%	25%
GEO	Proposals	3,723	3,946	3,318	3,443	3,463	17,893	3,579
	Awards	1,161	1,333	1,228	1,313	1,358	6,393	1,279
	Funding Rate	31%	34%	37%	38%	39%	36%	36%
MPS	Proposals	4,953	5,536	5,264	5,204	5,284	26,241	5,248
	Awards	1,812	1,993	1,834	1,900	2,035	9,574	1,915
	Funding Rate	37%	36%	35%	37%	39%	36%	36%
SBE	Proposals	3,456	3,287	3,093	4,017	3,345	17,198	3,440
	Awards	1,140	1,224	1,264	1,212	1,260	6,100	1,220
	Funding Rate	33%	37%	41%	30%	38%	35%	35%
Other	Proposals	811	762	710	720	721	3,724	745
	Awards	281	409	251	299	296	1,536	307
	Funding Rate	26%	54%	35%	41%	41%	41%	41%

Notes: Competitively reviewed" proposals and awards refer to proposal actions for research, education and training which are processed through NSF's external merit review system each year. These figures do not include 6,683 second-year and later incremental awards during FY 2000 for "continuing grants" which are competitively reviewed in the first year of the award. Also excluded are 3,013 supplements, which are not subject to external merit review, and 217 contracts, which are reviewed with special criteria. "Other" organizational units include Office of Polar Programs and Office of Integrative Activities Source: NSF Enterprise Information System, as of December 18, 2000.

**Appendix Table 2
Competitively Reviewed Proposals, Awards and Funding Rates
By PI Characteristics, FY 1993 – 2000**

		Fiscal Year							
		1993	1994	1995	1996	1997	1998	1999	2000
All PIs	Proposals	30,003	30,396	30,697	30,230	30,189	28,319	28,501	29,407
	Awards	9,148	9,973	9,560	9,070	9,864	9,280	9,112	9,762
	Funding Rate	30%	33%	31%	30%	33%	33%	32%	33%
Female PIs	Proposals	4,472	4,841	4,954	5,180	5,384	5,600	5,297	5,488
	Awards	1,461	1,649	1,587	1,665	1,937	1,910	1,663	1,932
	Funding Rate	33%	34%	32%	32%	36%	34%	31%	35%
Male PIs	Proposals	25,135	25,035	25,146	24,716	24,475	22,406	22,949	23,589
	Awards	7,562	8,027	7,634	7,295	7,803	7,232	7,368	7,733
	Funding Rate	30%	32%	30%	30%	32%	32%	32%	33%
Minority PIs	Proposals	1,429	1,466	1,518	1,542	1,429	1,384	1,426	1,487
	Awards	401	432	412	483	443	402	422	482
	Funding Rate	28%	29%	27%	31%	31%	29%	30%	32%
New PIs	Proposals	14,280	14,561	14,185	13,619	13,288	12,222	11,809	12,320
	Awards	3,024	3,596	3,362	3,020	3,286	3,060	2,669	2,971
	Funding Rate	21%	25%	24%	22%	25%	25%	23%	24%
Prior PIs	Proposals	15,723	15,835	16,512	16,611	16,901	16,097	16,692	17,087
	Awards	6,124	6,377	6,198	6,050	6,578	6,220	6,443	6,791
	Funding Rate	39%	40%	38%	36%	39%	39%	39%	40%

Notes : Competitively reviewed" proposals and awards refer to proposal actions for research, education and training which are processed through NSF's external merit review system each year. "Gender" is based on self-reported information from the PI's most recent proposal. "Minority" is based on the PI's ethnic/racial status as reported to NSF on the most recent proposal. PIs can decline to report their ethnic/racial status. Includes American Indian, Alaskan Native, Black, Hispanic, and Pacific Islander and excludes Asian and White-Not of Hispanic Origin.

Source: NSF Enterprise Information System, as of December 18, 2000

**Appendix Table 3
Median and Average Award Amounts by Directorate
Research Grants
FY 1996 – 2000**

		Fiscal Year				
		1996	1997	1998	1999	2000
NSF	Median	\$60,321	\$65,367	\$70,000	\$73,813	\$78,285
	Average	\$74,250	\$80,225	\$88,677	\$93,282	\$105,839
BIO	Median	\$75,741	\$82,500	\$87,833	\$94,039	\$100,000
	Average	\$82,972	\$86,870	\$103,336	\$116,452	\$119,780
CSE	Median	\$56,671	\$72,231	\$74,145	\$82,540	\$100,000
	Average	\$84,680	\$91,235	\$98,380	\$111,523	\$157,247
ENG	Median	\$66,616	\$70,722	\$73,333	\$75,000	\$76,105
	Average	\$71,996	\$76,586	\$85,083	\$87,211	\$88,216
GEO	Median	\$61,046	\$64,328	\$68,323	\$66,863	\$74,462
	Average	\$78,849	\$78,670	\$85,765	\$86,336	\$96,538
MPS	Median	\$60,000	\$63,708	\$72,040	\$78,061	\$76,716
	Average	\$80,882	\$89,074	\$93,367	\$96,914	\$109,185
SBE	Median	\$26,836	\$30,916	\$35,140	\$39,226	\$46,400
	Average	\$36,401	\$45,335	\$49,480	\$52,939	\$50,983
O/D	Median	\$75,554	\$70,452	\$84,440	\$82,059	\$76,228
	Average	\$93,512	\$101,448	\$109,690	\$113,374	\$127,571

Note: Median and average are based on competitively reviewed research awards.

Source: NSF Enterprise Information System, as of December 18, 2000.

**Appendix Table 4
Methods of NSF Proposal Review
FY 1991-2000**

FY	Total		Mail + Panel		Mail-Only		Panel-Only	
	Proposals		Proposals	Percent	Proposals	Percent	Proposals	Percent
2000	28,559		10,786	38%	4,758	17%	13,015	46%
1999	27,724		10,207	37%	5,220	19%	12,297	44%
1998	27,161		9,760	36%	5,808	21%	11,593	43%
1997	29,141		10,230	35%	6,599	23%	12,312	42%
1996	29,244		9,753	33%	6,714	23%	12,777	44%
1995	29,757		9,752	33%	7,391	25%	12,614	42%
1994	29,481		8,407	29%	7,453	25%	13,621	46%
1993	28,491		8,258	29%	7,773	27%	12,460	44%
1992	28,278		8,279	29%	8,703	31%	11,296	40%
1991	27,337		8,347	31%	8,090	30%	10,900	40%

Note: "O/D" includes the Office of Polar Programs and the Office of Integrative Activities. Panel-Only includes cases where panelist was mailed proposal for review prior to panel.

Source: NSF Enterprise Information System, as of December 18, 2000.

**Appendix Table 5
Methods of NSF Proposal Review
By Directorate, FY 2000**

Directorate	Total		Mail + Panel		Mail-Only		Panel-Only	
	Proposals		Proposals	Percent	Proposals	Percent	Proposals	Percent
NSF	28,559		10,786	38%	4,758	17%	13,015	46%
BIO	4,654		3,610	78%	119	3%	925	20%
CSE	2,938		335	11%	152	5%	2,451	83%
EHR	2,846		147	5%	103	4%	2,596	91%
ENG	5,815		435	7%	584	10%	4,796	82%
GEO	3,364		2,569	76%	628	19%	167	5%
MPS	5,098		1,443	28%	2,293	45%	1,362	27%
SBE	3,205		1,991	62%	641	20%	573	18%
Other	639		256	40%	238	37%	145	23%

Note: "O/D" includes the Office of Polar Programs and the Office of Integrative Activities. Panel-Only includes cases where panelist was mailed proposal for review prior to panel.

Source: NSF Enterprise Information System, as of December 18, 2000.

**Appendix Table 6
Average Number of Reviews per Proposal
By Method and Directorate, FY 2000**

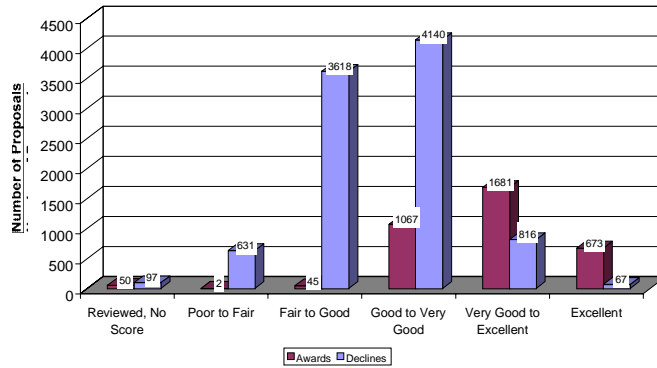
Directorate		Methods Of Review			
		All Methods	Mail + Panel	Mail-Only	Panel-Only
BIO	Reviews	72,921	60,092	619	12,210
	Proposals	4,654	3,610	119	925
	Rev/Prop	15.7	16.6	5.2	13.2
CSE	Reviews	13,654	2,174	589	10,891
	Proposals	2,938	335	152	2,451
	Rev/Prop	4.6	6.5	3.9	4.4
EHR	Reviews	14,473	761	390	13,322
	Proposals	2,846	147	103	2,596
	Rev/Prop	5.1	5.2	3.8	5.1
ENG	Reviews	22,896	2,189	2,592	18,115
	Proposals	5,815	435	584	4,796
	Rev/Prop	3.9	5.0	4.4	3.8
GEO	Reviews	36,291	31,716	3,471	1,104
	Proposals	3,364	2,569	628	167
	Rev/Prop	10.8	12.3	5.5	6.6
MPS	Reviews	43,444	17,111	10,955	15,378
	Proposals	5,098	1,443	2,293	1,362
	Rev/Prop	8.5	11.9	4.8	11.3
SBE	Reviews	34,554	27,277	2,407	4,870
	Proposals	3,205	1,991	641	573
	Rev/Prop	10.8	13.7	3.8	8.5
O/D	Reviews	3,633	2,033	1,062	538
	Proposals	638	255	238	145
	Rev/Prop	5.7	8.0	4.5	3.7

Notes: Peers participating as both a mail and panel reviewer for the same proposal are counted as one review in this table.

Source: NSF Enterprise Information System, as of December 18, 2000.

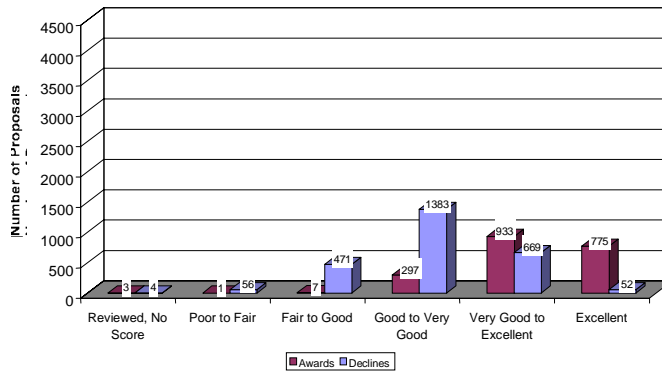
Appendix Table 7

Distribution of Average Reviewer Ratings Panel Reviewed



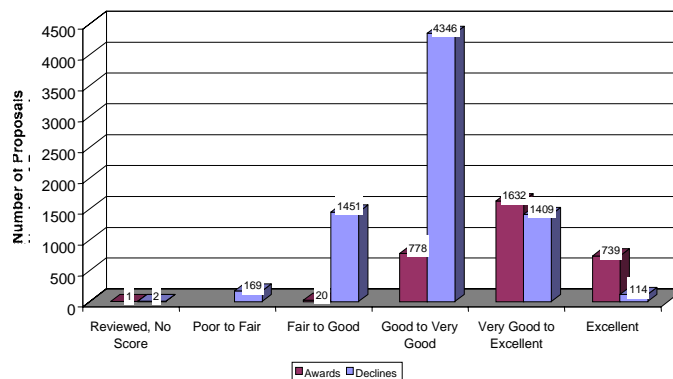
Number of FY 2000 Proposals -- 9,369 Declines, 3,518 Awards

Distribution of Average Reviewer Ratings Mail Reviewed



Number of FY 2000 Proposals -- 2,635 Declines, 2,016 Awards

Distribution of Average Reviewer Ratings Mail and Panel Reviewed



Number of FY 2000 Proposals -- 7,491 Declines, 3,170 Awards

Appendix Table 8

**Requests for Formal Reconsideration of Declined Proposals
By Directorate, FY 1995 - 2000**

		Fiscal Year					
		1995	1996	1997	1998	1999	2000
First Level Reviews (by Assistant Directors):							
BIO	Request	4	3	4	6	4	0
	- Upheld	4	3	2	6	4	0
	- Reversed	0	0	2	0	0	0
CISE	Request	3	1	2	3	1	2
	- Upheld	3	1	2	3	1	1
	- Reversed	0	0	0	0	0	0
	- Pending	0	0	0	0	0	1
EHR	Request	3	8	4	6	3	4
	- Upheld	3	8	4	5	3	4
	- Reversed	0	0	0	1	0	0
ENG	Request	3	5	9	5	4	6
	- Upheld	3	5	9	4	4	6
	- Reversed	0	0	0	0	0	0
GEO	Request	5	4	2	2	2	2
	- Upheld	5	4	2	2	1	2
	- Reversed	0	0	0	0	0	0
MPS	Request	18	20	17	25	20	18
	- Upheld	17	19	15	22	19	17
	- Reversed	1	1	2	2	0	1
SBE	Request	2	1	2	3	0	1
	- Upheld	2	1	1	3	1	1
	- Reversed	0	0	0	0	0	0
Other	Request	0	4	0	0	0	0
	- Upheld	0	4	0	0	0	0
	- Reversed	0	0	0	0	0	0
Second Level Reviews (by Deputy Director):							
O/DD	Request	11	7	4	3	2	6
	- Upheld	10	7	4	3	1	5
	- Reversed	0	0	0	0	0	1
Total Reviews First & Second Level:							
NSF	Request	38	46	39	53	36	41
	- Upheld	37	45	34	48	34	38
	- Reversed	1	1	4	3	0	2
	- Pending	0	0	0	0	0	1

Notes: The number of decisions (upheld or reversed) may not equal the number of requests in each year due to carryover of pending reconsideration request.

Source: Office of the Director

**Appendix Table 9
Small Grants for Exploratory Research (SGER)
Proposals, Awards and Funding Rates
By Directorate, FY 1993 – 2000**

		Fiscal Year								<i>Eight-year</i>	<i>Eight-year</i>
		1993	1994	1995	1996	1997	1998	1999	2000	<i>Total</i>	<i>Average</i>
NSF	Proposals	309	258	228	205	244	302	277	317	2,140	268
	Awards	213	185	168	144	194	250	223	272	1,649	206
	Funding Rate	69%	72%	74%	70%	80%	83%	81%	86%	77%	77%
BIO	Proposals	80	63	56	50	44	59	48	61	461	58
	Awards	57	39	40	28	29	48	36	46	323	40
	Funding Rate	71%	62%	71%	56%	66%	81%	75%	75%	70%	70%
CSE	Proposals	15	11	18	22	23	21	24	28	162	20
	Awards	11	9	18	19	23	20	22	27	149	19
	Funding Rate	73%	82%	100%	86%	100%	95%	92%	96%	92%	92%
EHR	Proposals	9	5	5	1	7	9	15	26	77	10
	Awards	9	5	5	1	6	8	14	26	74	9
	Funding Rate	100%	100%	100%	100%	86%	89%	93%	100%	96%	96%
ENG	Proposals	94	83	65	59	68	95	89	81	634	79
	Awards	67	61	52	45	57	72	75	72	501	63
	Funding Rate	71%	73%	80%	76%	84%	76%	84%	89%	79%	79%
GEO	Proposals	41	36	28	27	40	56	44	51	323	40
	Awards	37	33	22	23	38	54	40	45	292	37
	Funding Rate	90%	92%	79%	85%	95%	96%	91%	88%	90%	90%
MPS	Proposals	44	42	35	27	32	17	33	22	252	32
	Awards	17	25	16	12	13	10	16	12	121	15
	Funding Rate	39%	60%	46%	44%	41%	59%	48%	55%	48%	48%
SBE	Proposals	28	12	15	14	19	30	16	31	165	21
	Awards	17	8	9	11	18	25	12	28	128	16
	Funding Rate	61%	67%	60%	79%	95%	83%	75%	90%	78%	78%
OPP	Proposals	7	11	11	6	11	15	8	17	69	10
	Awards	7	10	11	6	10	13	8	16	65	9
	Funding Rate	100%	91%	100%	100%	91%	87%	100%	94%	94%	94%

Source: NSF Enterprise Information System, as of December 18, 2000.

**Appendix Table 10
Small Grants for Exploratory Research (SGER)
Funding Trends by Directorate, FY 1998 – 2000**

		Fiscal Year			% of 2000 Current Plan
		1998	1999	2000	
NSF	Total \$	\$12,320,200	\$12,293,477	\$15,725,176	0.6%
	Awards	250	223	272	
	Average \$	\$ 49,281	\$ 55,128	\$ 57,813	
BIO	Total \$	\$2,496,514	\$1,984,457	\$2,553,923	0.6%
	Awards	48	36	46	
	Average \$	\$ 52,011	\$ 55,124	\$ 55,520	
CSE	Total \$	\$1,330,556	\$1,739,513	\$1,634,881	0.4%
	Awards	20	22	27	
	Average \$	\$ 66,528	\$ 79,069	\$ 60,551	
EHR	Total \$	\$597,469	\$971,346	\$2,326,298	0.3%
	Awards	8	14	26	
	Average \$	\$ 74,684	\$ 69,382	\$ 89,473	
ENG	Total \$	\$4,080,144	\$4,371,965	\$4,757,413	1.3%
	Awards	72	75	72	
	Average \$	\$ 56,669	\$ 58,293	\$ 66,075	
GEO	Total \$	\$2,143,438	\$1,464,750	\$1,929,147	0.4%
	Awards	54	40	45	
	Average \$	\$ 39,693	\$ 36,619	\$ 42,870	
MPS	Total \$	\$497,735	\$908,436	\$767,216	0.1%
	Awards	10	16	12	
	Average \$	\$ 49,774	\$ 56,777	\$ 63,935	
SBE	Total \$	\$661,043	\$534,126	\$878,781	0.6%
	Awards	25	12	28	
	Average \$	\$ 26,442	\$ 44,511	\$ 31,385	
O/D	Total \$	\$513,301	\$318,884	\$877,517	0.7%
	Awards	13	8	16	
	Average \$	\$ 39,485	\$ 39,861	\$ 54,845	

Source: NSF Enterprise Information System, as of December 18, 2000.

Appendix Table 11

Committee of Visitors Meetings By Directorate

(COV meetings held during FY 2000 are highlighted in bold font)

Directorate <i>Division</i> Programs	Fiscal Year of Most Recent COV
Biological Sciences	
<i>Biological Infrastructure</i>	
Instrumentation & Related Activities	2000
Research Resources (new)	2000
Training (new)	2000
Plant Genome	
<i>Environmental Biology</i>	
Ecological Studies	1999
Systematic & Population Biology	2000
<i>Integrative Biology & Neuroscience</i>	
Neuroscience	1999
Developmental Mechanisms	2000
Physiology & Ethnology	1998
<i>Molecular & Cellular Biosciences</i>	
Biomolecular Structure & Function	2000
Biomolecular Processes	2000
Cell Biology	1998
Genetics	1999

Directorate <i>Division</i> Programs	Fiscal Year of Most Recent COV
Computer and Information Science and Engineering	
<i>Advanced Computational Infrastructure and Research</i>	
Advanced Computational Research	1998
Partnerships for Advanced Computational Infrastructure	1999
Large Scientific and Software Data Set Visualization	
Terascale Computing System (one time only)	
<i>Computer-Computation Research</i>	
Communications	2000
Computer Systems Architecture	2000
Design Automation	2000
Numeric, Symbolic & Geometric Computation	2000
Operating Systems and Compilers	2000
Signal Processing Systems	2000
Software Engineering and Languages	2000
Theory of Computing	2000
<i>Information and Intelligent Systems</i>	
Computation and Social Systems	2000
Human Computer Interaction	1999
Knowledge & Cognitive Systems	1999
Robotics & Human Augmentation	1999
Information and Data Management	1999
Special Projects	
<i>Advanced Networking Infrastructure and Research (was NSFNET)</i>	
Networking Research	2000
Special Projects in Networking Research (new in 1998)	2000
Advanced Networking Infrastructure	2000
<i>Experimental and Integrative Activities</i>	
Experimental Partnerships	1996
Research Infrastructure	1995
Advanced Distributed Resources for Experiments (new in 1998)	
Minority Institutions Infrastructure	1995
Digital Government (new in 1998)	
Instrumentation Grants for Research	1999
Education Innovation	1995
Next Generation Software (new in 1998)	
**CISE Postdoctoral Research Associates	
**NSF-CONACyT Collaborative Research	
***Collaborative Research on Learning Technologies	
***Combined Research-Curriculum Development	

**EIA monitored, managed/reviewed by Division in Partnership with Engineering
 ***In partnership with EHR

Directorate <i>Division</i> Programs	Fiscal Year of Most Recent COV
<p>Education and Human Resources</p> <p><i>Educational Systemic Reform</i> Statewide Systemic Initiatives Urban Systemic Initiatives Rural Systemic Initiatives Urban Systemic Programs EPSCoR</p> <p><i>Elementary, Secondary & Informal Education</i> Informal Science Education Teacher Enhancement Instructional Materials Development Presidential Awards for Excellence in Mathematics</p> <p><i>Undergraduate Education</i> Teacher Preparation Advanced Technological Education Course, Curriculum, and Laboratory Improvement (new in 1997)</p> <p><i>Graduate Education</i> Graduate Research Fellowships NATO Postdoctorate Fellowships Presidential Fellowships for Science, Math, Engineering and Technology Education (new in 1997) IGERT GK-12 Fellows</p> <p><i>Human Resource Development</i> The Louis Stokes Alliances for Minority Participation Centers for Research Excellence In Science and Technology Programs for Gender Equity in SMET Programs for Persons with Disabilities Alliances for Graduate Education and the Professoriate (AGEP) Historically Black Colleges and Universities (new in 1998)</p> <p><i>Research, Evaluation & Communication</i> Research on Education Policy & Practice (new in 1996) Evaluation</p>	<p></p> <p>1997 1999 1997 1996</p> <p>1998 2000 1997 2000</p> <p>2000 2000 2000</p> <p>1999 1997</p> <p>1998 1997 2000 2000</p> <p>2000</p>

Directorate <i>Division</i> Programs	Fiscal Year of Most Recent COV
<p>Engineering</p> <p><i>Bioengineering & Environmental Systems</i> Biochemical Engineering Ocean Systems Biotechnology Biomedical Engineering Research to Aid the Disabled Environmental Engineering Environmental Technology</p> <p><i>Civil & Mechanical Systems</i> Dynamic System Modeling, Sensing and Control Geotechnical and GeoHazard Systems Infrastructure and Information Systems Solid Mechanics and Materials Engineering Structural Systems and Engineering Network for Earthquake Engineering Simulation(new in FY 2000)</p> <p><i>Chemical & Transport Systems</i> Chemical Reaction Processes Interfacial, Transport & Separation Processes Fluid, Particulate & Hydraulic Systems Thermal Systems</p> <p><i>Design, Manufacture & Industrial Innovation</i> Operations Research & Production Systems Design & Integrated Engineering Manufacturing Processes & Equipment Small Business Innovation Research Innovation & Organizational Change Grant Opportunities for Academic Liaison with Industry Small Business Technology Transfer</p> <p><i>Electrical & Communications Systems</i> Electronics, Photonics and Device Technologies Control, Networks, and Computational Intelligence Integrative Systems Resource and Infrastructure</p> <p><i>Engineering, Education & Centers</i> Engineering Education Human Resource Development Engineering Research Centers Industry/Univ. Cooperative Research Centers</p>	<p>1999</p> <p>2000 2000 2000 2000</p> <p>2000 2000 2000 1998 2000 2000 2000</p> <p>1996 1996 1996 1996</p> <p>1998 1998 1998 1998</p>

Directorate <i>Division</i> Programs	Fiscal Year of Most Recent COV
<p>Geosciences</p> <p><i>Atmospheric Sciences</i></p> <ul style="list-style-type: none"> - <i>Lower Atmospheric Research Section</i> <ul style="list-style-type: none"> Atmospheric Chemistry 1998 Climate Dynamics 1998 Meoscale Dynamic Meteorology 1998 Large-scale Dynamic Meteorology 1998 Physical Meteorology 1998 Paleoclimate - <i>Upper Atmospheric Research Section</i> <ul style="list-style-type: none"> Magnetospheric Physics 1999 Aeronomy 1999 Upper Atmospheric Research Facilities 1999 Solar Terrestrial Research 1999 UCAR and Lower Atmospheric Facilities Oversight (includes NCAR) 1997 <p><i>Earth Sciences</i></p> <ul style="list-style-type: none"> - <i>Research Grants</i> <ul style="list-style-type: none"> Tectonics 1998 Geology & Paleontology 1998 Hydrological Sciences 1998 Petrology & Geochemistry 1998 - <i>Special Projects</i> <ul style="list-style-type: none"> Education & Human Resources 1997 Instrumentation & Facilities 1997 Continental Dynamics 1998 Geophysics 1998 <p><i>Ocean Sciences</i></p> <ul style="list-style-type: none"> - <i>Oceanographic Centers & Facilities</i> <ul style="list-style-type: none"> Ship Operations 1994 Oceanographic Facilities 1994 Ocean Drilling 1994 Oceanographic Instrumentation & Technical Service 1994 - <i>Ocean Science Research</i> <ul style="list-style-type: none"> Marine Geology & Geophysics 1998 Biological Oceanography 1998 Chemical Oceanography 1998 Physical Oceanography 1998 Oceanographic Technology & Interdisciplinary Coordination 1998 	

Directorate <i>Division</i> Programs	Fiscal Year of Most Recent COV
Mathematical and Physical Sciences	
<i>Astronomical Sciences</i>	
Planetary Astronomy	1999
Stellar Astronomy & Astrophysics	1999
Galactic Astronomy	1999
Education, Human Resources and Special Programs	1999
Gemini Telescopes Project	1999
National Optical Astronomy Observatories (NOAO)	1999
Advanced Technologies & Instrumentation	1999
National Radio Astronomy Observatory (NRAO)	1999
National Astronomy & Ionosphere Center (NAIC)	1999
University Radio Facilities	1999
Electromagnetic Spectrum Management	1999
Extragalactic Astronomy and Cosmology	1999
<i>Chemistry</i>	
Special Projects	1998
Chemical Instrumentation	1998
Organic & Macromolecular Chemistry	1998
Organic Dynamics	1998
Organic Synthesis	1998
Physical Chemistry	1998
Theoretical and Computational Chemistry	1998
Experimental Physical Chemistry	1998
Inorganic, Bioinorganic & Organometallic Chemistry	1998
Analytical & Surface Chemistry	1998
<i>Materials Research</i>	
Condensed Matter Physics	1999
Materials Theory	1999
Metals, Ceramics & Electronic Materials	1999
Solid-State Chemistry & Polymers	1999
National Facilities & Instrumentation	1999
Materials Research Science and Engineering Centers	1999
<i>Mathematical Sciences</i>	
Applied Mathematics	1998
Infrastructure	1998
Geometric Analysis, Topology & Foundations	1998
Analysis	1998
Algebra & Number Theory	1998
Statistics & Probability	1998
<i>Physics</i>	
Atomic, Molecular and Optical and Plasma Physics	1997
Elementary Particle Physics	1997
Theoretical Physics	1997
Nuclear Physics	1997
Gravitational Physics	1997

Directorate <i>Division</i> Programs	Fiscal Year of Most Recent COV
<p>Social, Behavioral and Economic Science</p> <p><i>International Programs</i></p> <p><i>Science Resource Studies (SRS)</i></p> <p><i>Social, Behavioral & Economic Research</i></p> <ul style="list-style-type: none"> - <i>Economic, Decision & Mgt. Sciences Cluster</i> <ul style="list-style-type: none"> Economics 1997 Decision, Risk & Management Sciences 1997 Innovation and Organizational Change (new in 1998) - <i>Anthropology & Geographic Sciences Cluster</i> <ul style="list-style-type: none"> Cultural Anthropology 1999 Physical Anthropology 1999 Archeology 1999 Geography 1999 - <i>Social & Political Science Cluster</i> <ul style="list-style-type: none"> Sociology 1996 Political Science 1997 Law & Social Science 1995 - <i>Infrastructure, Methods & Science Studies Cluster</i> <ul style="list-style-type: none"> Ethics & Values Studies 1996 Science & Technology Studies 1996 Methodology, Measurement & Statistics 1996 - <i>Cognitive, Psych. & Language Sci. Cluster</i> <ul style="list-style-type: none"> Linguistics 1999 Human Cognition & Perception 1999 Social Psychology 1999 	

