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## RESEARCH & SPONSORED PROJECTS

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## Highlights of Sponsored Activities 2003-2004

A total of 327 proposals were submitted in FY2004. This is about a 26% increase over amount of funding requested in FY2003. The amount of funding requested for the total project period for these proposals was \$190,291,438. In FY2004, there were 328 sponsored project award obligations made for a total of \$42.2 million representing a new university record, surpassing by \$2 million the record previously set in FY2002. The total number of award obligations received in FY2004 was 20% higher than those received in FY2003. Overall, Boston College faculty continue to be successful in securing external funds and there remains a general upward trend in sponsored project activities at Boston College. In addition, there is a greater number of faculty working with the Office for Sponsored Programs to secure external funding from both Federal and non-Federal sponsors.

Source: Office of Sponsored Programs

## Summary of Sponsored Project Awards 2003-2004

Department	No. of Awards	Amount	Department	No. of Awards	Amount
Associate Vice President for Research	3	1,617,492	Political Science	3	\$150,000
Biology	22	2,564,261	Psychology	16	1,195,217
Center for Corporate Citizenship	5	659,274	School of Education	43	4,416,434
Center for Religion & American Public Life	1	119,900	Campus School	8	2,922,134
Chemistry	51	6,598,714	CSTEPP	8	1,166,126
Economics	1	308,000	Center for Child, Family & Community Partnerships	4	504,106
Fine Arts	2	20,700	International Study Center	14	3,675,000
Geology and Geophysics	6	445,025	School of Management	13	2,328,659
Other	1	30,000	School of Nursing	13	1,315,335
Institute for Scientific Research	42	4,890,021	Graduate School of Social Work	22	3,406,850
Irish Institute	4	325,000	Social Welfare Research Institute	2	450,000
Law School	8	284,229	Sociology	3	138,537
Learning to Learn	3	453,930	Theology	1	25,000
Mathematics	9	373,966			
Physics	20	1,826,079	<b>Total</b>	<b>328</b>	<b>42,209,989</b>

Source: Office of Sponsored Programs

## Sponsored Projects Source and Application of Funding (Thousands of Dollars)

Revenues	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04
Sponsored Research	11,691	12,542	12,902	14,608	18,700	22,860	23,796	26,296	27,136	28,989
Other Sponsored Activity	5,259	6,102	5,558	4,961	5,112	6,240	8,234	8,675	8,143	7,195
Student Aid	5,513	5,672	5,863	6,544	6,871	7,270	7,430	8,079	8,016	7,803
<b>Total</b>	<b>22,463</b>	<b>24,316</b>	<b>24,323</b>	<b>26,113</b>	<b>30,683</b>	<b>36,370</b>	<b>39,460</b>	<b>43,050</b>	<b>43,295</b>	<b>43,987</b>
<b>Source</b>										
Government:										
Federal	17,644	19,614	18,957	20,182	22,760	25,449	28,677	31,513	31,773	30,528
State	1,213	862	1,001	1,415	1,326	1,908	1,858	2,060	1,584	1,674
Local	1,543	1,902	2,009	1,913	2,005	3,118	2,741	2,333	2,412	2,189
Non-Government	2,063	1,938	2,356	2,603	4,592	5,895	6,184	7,144	7,526	9,596
<b>Total</b>	<b>22,463</b>	<b>24,316</b>	<b>24,323</b>	<b>26,113</b>	<b>30,683</b>	<b>36,370</b>	<b>39,460</b>	<b>43,050</b>	<b>43,295</b>	<b>43,987</b>

Source: Office of the Controller

## Sponsored Projects by Department Total Accounted Expense (Thousands of Dollars)

Department/School	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04
College of Arts & Sciences	56	194	192	142	52	15	0	0	0	0
Initiatives on Aging	0	0	0	0	0	0	0	609	728	729
International Programs	0	0	0	0	0	65	71	26	10	0
Biology	937	1,085	1,330	1,295	1,170	1,477	1,682	2,087	2,631	2,647
Chemistry	3,193	3,353	3,270	3,350	4,642	4,429	4,950	5,553	5,567	5,415
Geology & Geophysics <sup>1</sup>	390	603	497	538	468	384	480	611	469	330
Mathematics Dept. & Institute	679	710	691	404	152	287	257	319	316	304
Physics	165	180	184	337	636	1,612	1,425	1,704	1,707	2,204
Fine Arts	2	0	8	24	94	32	83	92	110	131
McMullen Art Museum	58	46	0	0	48	38	6	4	35	6
Theology	223	240	309	370	243	222	123	97	74	73
Economics	97	269	341	336	233	109	115	93	153	225
History	19	1	0	92	89	70	54	71	93	89
Political Science	61	47	1	151	116	214	268	270	88	179
Psychology	250	201	216	356	283	350	511	449	637	642
Sociology	51	49	95	192	246	214	28	82	131	146
Lynch School of Education	2,348	2,675	2,969	2,676	3,297	3,902	3,962	3,500	3,499	5,199
International Study Center	0	0	0	0	0	5,186	5,299	4,154	2,498	2,915
Law School	369	282	276	201	131	342	349	434	287	215
Carroll School of Management	521	511	481	481	688	1,617	2,375	2,563	2,333	2,715
The Irish Institute	0	0	0	475	920	741	589	774	671	412
School of Nursing	375	441	444	521	554	518	396	813	972	705
Graduate School of Social Work	365	229	305	402	310	561	553	856	1,398	2,202
Center for Corporate Citizenship	26	2	33	45	199	212	88	90	384	403
Center for Work and Family	0	0	36	269	301	308	693	57	29	32
The Boisi Center for Religion and American Public Life	0	0	0	0	0	0	125	108	254	138
Social Welfare Research Institute	123	141	178	173	155	171	261	275	284	172
O'Neill Library	732	1,029	268	28	3	0	0	0	0	0
Center for Testing	2,655	2,819	2,613	3,274	4,715	1,112	2,584	3,210	3,654	1,500
Student Aid	5,513	5,672	5,863	6,544	6,871	7,270	7,430	8,051	7,987	7,803
Center for Ignation Spirituality	0	0	0	0	0	33	16	1	0	0
University Mission and Ministry	0	0	0	0	0	0	78	635	668	552
Institute for Scientific Research	2,981	3,206	3,421	3,182	3,417	3,999	4,048	4,771	4,915	5,045
Center for Child, Family, and Community Partnerships	0	0	0	0	397	618	339	369	396	454
Learning to Learn	150	141	142	152	161	177	184	229	243	294
Athletics	78	66	65	65	62	71	0	0	0	0
Other <sup>2</sup>	46	124	95	38	30	14	38	93	74	0
<b>Total</b>	<b>22,463</b>	<b>24,316</b>	<b>24,323</b>	<b>26,113</b>	<b>30,683</b>	<b>36,370</b>	<b>39,460</b>	<b>43,050</b>	<b>43,295</b>	<b>43,987</b>

<sup>1</sup> Includes Weston Observatory.

<sup>2</sup> Other includes AVP-Dean of Faculties, Black Studies, Burns Library, Classical Studies, English, Human Resources, IRE/Pastoral Ministry, Jesuit Institute, Music, Philosophy, Romance Languages, Slavic/Eastern Languages, Student Development, University Librarian.

Source: Office of the Controller

## Dollar Amount of Sponsored Project Awards Received By Department (Thousands of Dollars)

	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04
Assoc. VP for Research	-	-	-	-	-	1,717	1,779	3,235	35	1,617
Biology	923	1,274	1,395	1,109	2,047	1,453	1,947	3,111	2,534	2,564
Chemistry	3,255	3,369	3,769	4,376	4,027	4,746	6,323	5,783	5,082	6,599
Computer Science	-	-	-	-	283	-	63	66	74	-
Economics	253	348	372	266	158	147	64	216	-	308
English	-	-	-	-	-	-	-	-	-	-
Fine Arts	57	38	20	10	193	40	94	129	237	21
Geology and Geophysics <sup>1</sup>	805	433	239	467	461	469	573	465	408	445
Grad. School of A&S	52	75	48	41	25	25	-	-	-	-
History	2	-	-	161	-	150	56	18	160	-
IREPM <sup>2</sup>	-	-	-	28	-	7	-	-	-	-
Inst. for Scientific Research	2,926	3,786	3,510	3,062	3,587	4,489	4,893	4,570	4,561	4,890
Mathematics <sup>3</sup>	793	737	69	174	246	356	275	163	360	374
Music	-	-	50	-	-	-	-	-	-	-
Philosophy	-	45	30	-	17	-	-	61	-	-
Physics	216	173	323	366	1,234	1,807	1,393	4,307	2,623	1,826
Political Science	89	32	107	152	281	144	303	62	116	150
Psychology	232	265	193	448	441	121	542	342	495	1,195
Romance Languages	-	-	-	-	1	-	2	1	-	-
Slavic/Eastern Languages	-	40	4	33	12	-	-	-	-	-
Sociology	-	5	163	283	238	44	38	115	167	139
SWRI <sup>4</sup>	92	153	233	367	100	270	-	445	99	450
Theology	341	325	324	343	226	125	120	70	100	25
School of Education	1,172	816	1,281	1,431	2,398	3,691	2,705	2,843	3,074	4,416
Campus School	1,519	1,804	1,874	1,816	2,045	2,174	2,442	2,557	2,852	2,922
CSTECP <sup>5</sup>	2,977	2,278	2,920	4,974	6,451	702	2,313	1,478	1,478	1,166
TIMSS <sup>6</sup>	-	-	-	-	-	5,167	3,635	3,871	2,961	3,675
Law School	334	379	77	51	172	303	222	171	150	284
School of Management	533	451	492	552	1,874	694	1,038	550	2,581	2,329
School of Nursing	374	559	498	513	445	306	768	1,281	794	1,315
Grad. Schl of Social Work	299	326	720	149	199	793	1,045	668	2,390	3,407
CCFCP <sup>7</sup>	-	-	159	100	1,542	410	198	641	435	504
BCRAPL <sup>8</sup>	-	-	-	-	-	297	40	153	358	120
CCCR <sup>9</sup>	-	-	-	-	570	-	-	839	150	659
Center for Work & Family	-	-	86	452	199	398	72	34	-	-
Irish Institute	-	-	-	1,100	1,100	220	685	818	500	325
Learning to Learn	-	-	175	-	189	198	201	224	230	455
Other	2,239	335	69	248	135	-	2,092	99	-	30
<b>Total</b>	<b>19,480</b>	<b>18,046</b>	<b>19,202</b>	<b>23,069</b>	<b>30,894</b>	<b>31,467</b>	<b>35,940</b>	<b>39,642</b>	<b>35,006</b>	<b>42,210</b>

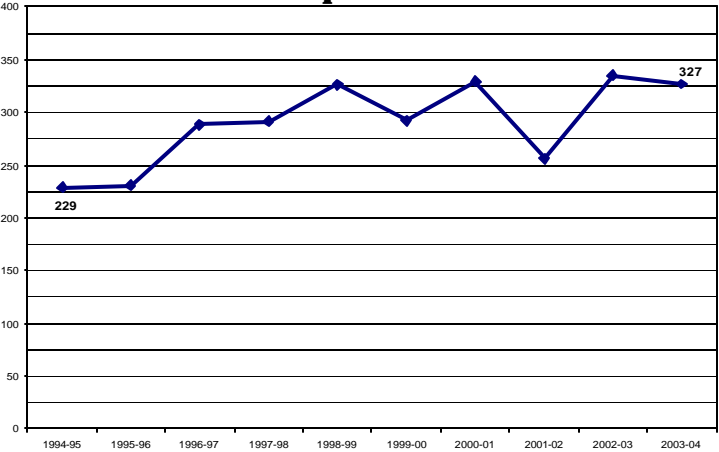
<sup>1</sup> Includes Weston Observatory.<sup>2</sup> The Institute of Religious Education and Pastoral Ministry (IREPM).<sup>3</sup> Includes the Mathematics Institute.<sup>4</sup> The Social Welfare Research Institute (SWRI).<sup>5</sup> The Center for the Study of Testing, Evaluation, and Educational Policy (CSTECP).<sup>6</sup> TIMSS International Study Center (TIMSS).<sup>7</sup> The Center for Child, Family, and Community Partnerships (CCFCP).<sup>8</sup> The Boisi Center for Religion & American Public Life (BCRAPL).<sup>9</sup> The Center for Corporate Community Relations (CCCR).

Note: Student aid funds managed by the Financial Aid Office are not included in this table. (They are included in other tables in this section provided by the Controller's Office.) In some cases dollar amounts in columns may not add to the column total due to rounding.

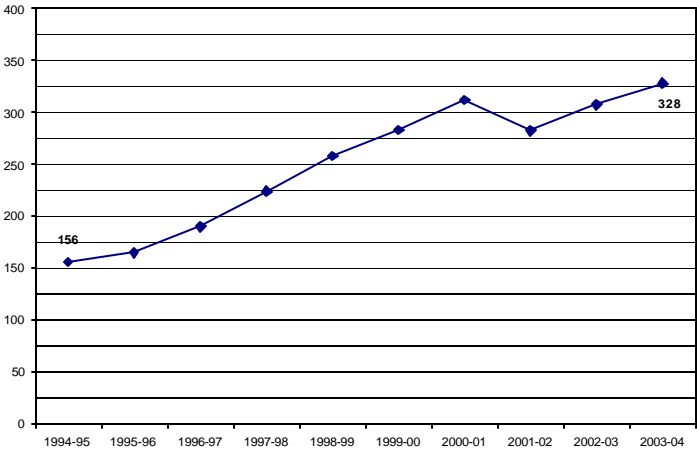
Source: Office of Sponsored Programs

## Sponsored Projects Activity Fiscal Year 1994-95 through 2003-04

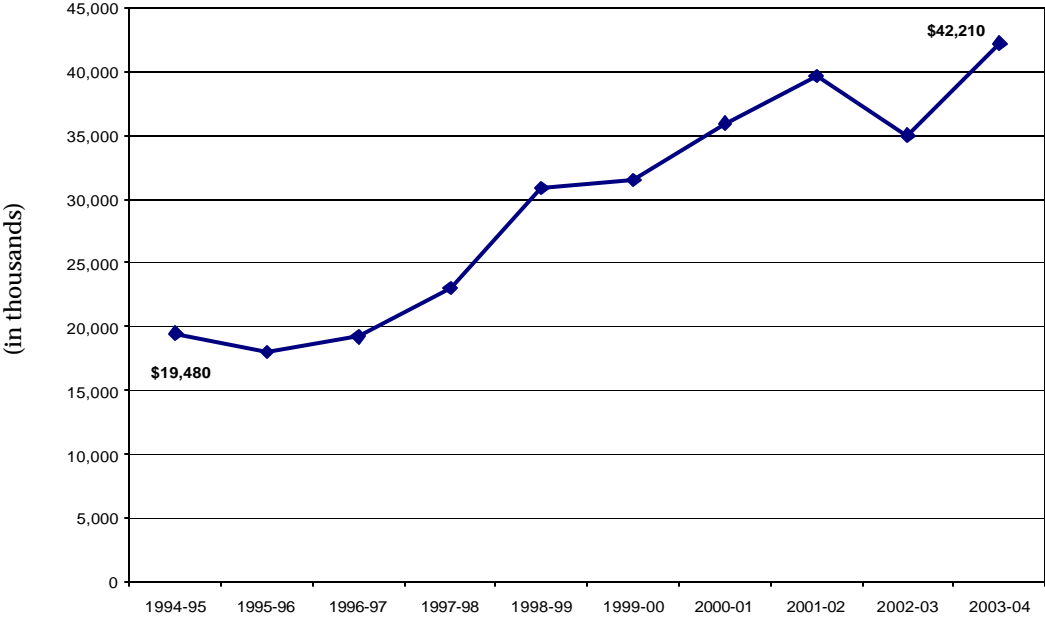
**Number of Sponsored Project Proposals Submitted**



**Number of Sponsored Project Awards Received**



The number of Sponsored Research Awards received at Boston College increased 110% between FY95 and FY04. During that same period, the dollar amount of the awards received increased by 117%.



## Number of Sponsored Project Proposals Submitted By Department, 1994-95 through 2003-04

	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04
Arts & Sciences	1	1	-	-	1	1	1	-	1	-
Assoc. VP for Research	-	-	-	-	1	1	7	6	7	6
Biology	26	21	31	31	34	20	20	25	31	48
Chemistry	39	47	57	48	46	46	41	38	53	43
Communications	-	-	-	-	-	-	1	1	-	2
Computer Science	-	-	-	6	-	3	4	1	1	4
Economics	10	8	7	5	9	2	1	2	4	3
English	-	-	1	1	-	1	1	-	1	2
Fine Arts	4	4	2	3	2	8	19	4	3	4
Geology and Geophysics <sup>1</sup>	12	13	12	21	21	19	14	8	8	15
Grad. School of Arts & Sciences	2	-	-	2	1	1	-	1	-	-
History	3	1	3	3	1	1	1	2	1	2
Honors Program	-	1	-	-	-	-	1	1	-	-
Inst. for Scientific Research	13	10	12	4	10	6	23	7	16	11
Mathematics <sup>2</sup>	3	3	2	7	7	1	9	8	2	5
Mission and Ministry	-	-	-	-	-	-	1	-	-	-
Philosophy	1	3	1	-	1	-	1	-	-	-
Physics	5	7	22	12	26	28	28	26	28	28
Political Science	1	3	3	7	8	4	7	4	2	3
Psychology	14	6	8	13	10	16	18	9	14	23
Romance Languages	-	-	-	-	1	1	1	1	-	-
Slavic/Eastern Languages	-	2	3	2	5	5	1	-	-	-
Sociology	6	5	8	6	7	6	-	6	9	4
SWRI <sup>3</sup>	1	3	2	1	1	2	-	1	2	2
Theology	1	2	2	1	2	2	2	2	4	1
School of Education	33	31	43	36	42	27	27	21	36	28
Campus School	8	5	4	5	5	5	5	6	9	7
CSTE <sup>4</sup>	6	13	13	23	21	25	14	11	12	15
TIMSS <sup>5</sup>	-	-	-	-	-	-	6	8	2	2
Law School	5	2	3	3	5	5	3	7	10	4
School of Management	4	1	9	3	6	4	4	4	22	12
School of Nursing	18	21	16	12	18	16	18	11	22	15
Grad. School of Social Work	7	15	12	13	8	11	14	12	17	22
CCFCP <sup>6</sup>	-	-	1	1	13	10	20	17	6	2
CCCR <sup>7</sup>	-	1	1	3	2	-	4	1	2	4
Center for Ignatian Spirituality	-	-	-	-	-	1	-	-	-	-
BCRAPL <sup>8</sup>	-	-	-	-	-	3	2	4	2	3
Center for Work & Family	-	-	5	12	5	2	5	1	-	-
Irish Institute	-	-	-	1	2	4	2	2	4	4
Jesuit Institute	-	-	1	-	-	-	-	-	-	-
Learning to Learn	1	1	1	1	-	1	1	-	2	1
Other	5	1	3	5	4	4	3	1	2	2
<b>Total</b>	<b>229</b>	<b>231</b>	<b>288</b>	<b>291</b>	<b>326</b>	<b>292</b>	<b>329</b>	<b>256</b>	<b>335</b>	<b>327</b>

<sup>1</sup> Includes Weston Observatory.<sup>2</sup> Includes the Mathematics Institute.<sup>3</sup> The Social Welfare Research Institute (SWRI).<sup>4</sup> The Center for the Study of Testing, Evaluation, and Educational Policy (CSTE<sup>4</sup>).<sup>5</sup> TIMSS International Study Center (TIMSS).<sup>6</sup> The Center for Child, Family, and Community Partnerships (CCFCP).<sup>7</sup> The Center for Corporate Community Relations (CCCR).<sup>8</sup> The Boisi Center for Religion & American Public Life (BCRAPL).

Source: Office of Sponsored Programs

## Number of Sponsored Project Awards Received By Department, 1994-95 through 2003-04

	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04
Assoc. VP for Research	-	-	-	-	-	2	1	2	1	3
Biology	12	15	16	12	17	16	17	24	20	22
Chemistry	34	35	38	46	40	52	45.5	40	43	51
Computer Science	-	-	-	-	2	-	1	1	1	-
Economics	8	6	5	2	4	3	1	4	-	1
English	-	-	-	-	-	-	-	-	-	-
Fine Arts	3	2	1	1	4	3	6	5	8	2
Geology and Geophysics <sup>1</sup>	5	5	4	8	10	9	6.5	9	5	6
Grad. School of Arts & Sciences	2	3	1	1	1	1	-	-	-	-
History	1	-	-	3	-	1	3	1	2	-
IREPM <sup>2</sup>	-	-	-	1	-	1	-	-	-	-
Inst. for Scientific Research	15	16	13	17	15	15	42	34	47	42
Mathematics <sup>3</sup>	2	1	2	3	5	4	5	4	7	9
Music	-	-	1	-	-	-	-	-	-	-
Philosophy	-	2	1	-	1	-	-	1	-	-
Physics	4	3	10	11	18	25	21	15	17	20
Political Science	3	2	3	6	10	4	6	5	3	3
Psychology	7	8	5	5	8	5	9	3	11	16
Romance Languages	-	-	-	-	1	-	1	1	-	-
Slavic/Eastern Languages	-	1	1	2	1	-	-	-	-	-
Sociology	-	1	5	6	4	3	1	4	3	3
SWRI <sup>4</sup>	2	2	2	2	1	2	-	1	3	2
Theology	2	2	4	4	4	3	2	1	1	1
School of Education	17	18	27	26	29.5	38	33	23	26	43
Campus School	5	4	5	6	5	9	6	8	6	8
CSTECP <sup>5</sup>	4	9	11	1	28	12	12	12	12	8
TIMSS <sup>6</sup>	-	-	-	-	-	24	20	16	13	14
Law School	3	4	2	3	3	5	3.5	7	5	8
School of Management	4	2	5	4	6	9	17	7	13	13
School of Nursing	9	12	11	12	12	10	13	16	14	13
Grad. School of Social Work	9	6	11	8	7.5	16	12	13	29	22
CCFCP <sup>7</sup>	-	-	1	1	7	1	16	12	7	4
BCRAPL <sup>8</sup>	-	-	-	-	-	2	1	3	6	1
CCCR <sup>9</sup>	-	-	-	-	3	-	-	3	1	5
Center for Work & Family	-	-	2	13	6	4	4	1	-	-
Irish Institute	-	-	-	2	2	2	3	3	2	4
Learning to Learn	-	-	1	-	1	2	21	2	1	3
Other	5	6	2	3	2	-	2.5	1	-	1
<b>Total</b>	<b>156</b>	<b>165</b>	<b>190</b>	<b>224</b>	<b>258</b>	<b>283</b>	<b>312</b>	<b>282</b>	<b>307</b>	<b>328</b>

<sup>1</sup> Includes Weston Observatory.

<sup>2</sup> The Institute of Religious Education and Pastoral Ministry (IREPM).

<sup>3</sup> Includes the Mathematics Institute.

<sup>4</sup> The Social Welfare Research Institute (SWRI).

<sup>5</sup> The Center for the Study of Testing, Evaluation, and Educational Policy (CSTECP).

<sup>6</sup> TIMSS International Study Center (TIMSS).

<sup>7</sup> The Center for Child, Family, and Community Partnerships (CCFCP).

<sup>8</sup> The Boisi Center for Religion & American Public Life (BCRAPL). \*Amount proposed is for the entire multi-year project period.

<sup>9</sup> The Center for Corporate Community Relations (CCCR).

Note: Student aid funds managed by the Financial Aid Office are not included in this table. (They are included in other tables in this section provided by the Controller's Office.) In some cases dollar amounts in columns may not add to the column total due to rounding.

Source: Office of Sponsored Programs



## Selected Sponsored Project Awards 2003-2004

Title	Source of Funding	Amount
<b>Biology Department</b> Glycosphingolipid Effects on Brain Tumor Angiogenesis	National Cancer Institute	\$253,311
<b>Center for Corporate Citizenship</b> National Retired Volunteers Center	Volunteers of America, Inc.	\$353,890
<b>Center for Retirement Research</b> Center for Retirement Research	Social Security Administration	\$1,088,780
<b>Chemistry Department</b> CAREER: Peptidoconjugates as Probes of Protein and DNA Damage	National Science Foundation	\$593,000
<b>Economics</b> Biological Basics and Intergenerational Transfers	Nat. Inst. of Child Health & Human Dev.	\$308,000
<b>Geology and Geophysics Department</b> United States Seismic Network	U.S. Geological Survey	\$164,000
<b>International Study Center</b> Design, Manage, and Implement PIRLS 2006	Intl. Assoc. Eval. Educ. Achievement	\$200,000
<b>Institute for Scientific Research</b> Comprehensive Methods for Determining Space Effects on Air Force Systems	U.S. Air Force	\$802,702
<b>Irish Institute</b> Exchange Programs for Northern Ireland and Ireland	U.S. Department of State	\$191,648
<b>Learning to Learn</b> Student Support Services Program	U.S. Department of Education	\$229,847
<b>Physics Department</b> Nano Photonic and Photovoltaic Studies Using Novel Nanostructures	U.S. Army Research Office	\$186,935
<b>Psychology Department</b> Do Parks Hurt People? – Assessing the Human Welfare Effects of Establishing Protected Areas for Biodiversity Conservation	National Institute of Mental Health	\$250,000
<b>School of Education</b> Connect/ <i>five</i> : A Systemic Approach to Linking Schools and the Community	New Balance Foundation	\$348,328
<b>School of Management</b> Small Business Development Center – FY 2004	University of Massachusetts	\$383,816
<b>School of Nursing</b> CARE Intervention for Depressed Mothers and Their Infants	National Institute of Nursing Research	\$347,391
<b>School of Social Work</b> Task 4: Family or Individual Directed Community Services Research	Medstat Group	\$217,000
<b>Social Welfare Research Institute</b> Discernment and Discerned Philanthropy: The Spirituality of Capacity, Care and Choice	Lilly Endowment, Inc.	\$350,000

## University Research Institutes and Centers

### Center for Child, Family, and Community Partnerships

The Center for Child, Family and Community Partnerships is an "outreach scholarship" program that fosters collaboration among Boston College faculty, students and community leaders in health care, social service, economic development, and education. The goal of the participants is to create stronger, healthier, and more economically sound communities. The Center offers technical assistance, program evaluation, needs assessment, training, and consultation to community organizations.

Web site: <http://www.csteep.bc.edu/ccfcp/>.

### Center for Corporate Citizenship at Boston College

The Center for Corporate Citizenship at Boston College engages with companies to redefine business success as creating measurable gains for business and society. Our vision is that business will use its assets to help assure economic prosperity and a just and sustainable world. The Center achieves results through the power of research, education and member engagement. The Center offers publications including a newsletter, research reports, and white papers; executive education, including a Certificate program; events that include an annual conference, roundtables and regional meetings; and a corporate membership program. Web site:

<http://www.bc.edu/corporatecitizenship>

### Center for East Europe, Russia, and Asia

The Center's programs encourage faculty and students to participate in interdepartmental endeavors on both the graduate and undergraduate levels. Participating faculty come from the Departments of Fine Arts, History, Philosophy, Political Science, Slavic and Eastern Languages, and Theology and offer over eighty academic courses connected with the study of the culture, history, and political life of East Europe, Russia, the Balkans, and Central Asia.

### Center for Ignatian Spirituality

The Center for Ignatian Spirituality is a university operation that offers faculty and staff a resource to carry on the needed dialogue between the values that constitute Boston College and the pluralism that characterizes our contemporary culture. The Center initiates its own programs, inviting faculty and staff to pursue a particular topic; gives support to the Ignatian Society, a student group committed to integrating Ignatian spirituality into the lives of its members and offering other students opportunities to do the same; sponsors retreats and reflection opportunities for faculty and staff; and has a wide range of national and international commitments to other institutions in their efforts to integrate Ignatian spirituality into their educational endeavors.

Web site: <http://www.bc.edu/igspirit>.

### Center for International Higher Education(CIHE)

Established in 1995 and housed in the Lynch School of Education, CIHE is a research and service agency providing information, publications and a sense of community to colleges and universities worldwide. The main focus of the Center is on academic institutions in the Jesuit tradition, but other universities

receive its publications and are part of an informal network.

There is a special concern with the needs of academic institutions in the developing countries of the Third World. Web site:

[http://www.bc.edu/bc\\_org/avp/soe/cihe](http://www.bc.edu/bc_org/avp/soe/cihe).

### Center for Nursing Research (CNR)

The CNR's central purpose is to serve as an institutional resource for faculty and students in the School of Nursing, the Boston College community, and the greater Boston nursing and health care community. Three interrelated but separate goals support the purpose of the CNR: (1) to strengthen the research productivity of faculty in the School of Nursing, (2) to increase intradisciplinary and interdisciplinary research and scholarship, and (3) to communicate research findings to facilitate research utilization in nursing practice and in educational settings. The Center serves as a repository for the Cathy J. Malek Research Collection as well as books and other materials related to quantitative and qualitative research methods, data analysis, grant seeking and grant writing. Web site:

[http://www.bc.edu/bc\\_org/avp/son/ctrnsgresearch/nsgresearch.html](http://www.bc.edu/bc_org/avp/son/ctrnsgresearch/nsgresearch.html).

### Center for Retirement Research

The Center for Retirement Research at Boston College was established through a 5-year \$5.25 million grant from the Social Security Administration in 1998. The goals of the Center are to promote research on retirement issues, to transmit new findings to the policy community and the public, to help train new scholars, and to broaden access to valuable data sources. The Center is the headquarters for researchers and experts in affiliated institutions including MIT, Syracuse University, the Brookings Institution, the Urban Institute, and the National Academy of Social Insurance. The Center is structured around a research team of interdisciplinary backgrounds in actuarial science, demography, economics, economic history, finance, political science, sociology and social work, and possesses a breadth of knowledge on retirement issues and institutions virtually unmatched in the field. As the nation confronts the myriad issues surrounding how best to ensure adequate retirement income for an aging population, the Center's researchers and experts explore possible policy changes related to Social Security, private pensions, and other sources of retirement income.

Web site: <http://www.bc.edu/crr>.

### Center for the Study of Testing, Evaluation, and Educational Policy (CSTEED)

CSTEED is an educational research organization located in the Lynch School of Education. Since its inception in 1980, CSTEED has conducted national and international comparative research on educational achievement and testing, evaluation and public policy studies to improve school assessment practices. CSTEED researchers work on both small and large scales - individual schools, districts, and states - to advance educational testing practices and policies and to improve the quality and fairness of education. CSTEED researchers also investigate the use of technology in assessment and its impact on instruction. The

Scanning Services Center (SSC) at CSTEOP serves the needs of the Boston College community as well as outside clients. It provides scanning services for departments, individuals, and educational agencies, including scanning for course evaluations, course tests, and research surveys. Web site: <http://www.csteop.bc.edu>.

#### **Center for Work and Family**

The Boston College Center for Work and Family is a research organization within the Carroll School of Management that promotes employer responsiveness to families. The Center's guiding vision is to serve as the bridge linking the academic research community to the workplace. To gain increased understanding of the challenges faced by both employees and employers in meeting the goals of the individual and the enterprise, the Center conducts basic and applied research studies and analyzes secondary information sources. The Center's initiatives fall into three broad categories: research, employer partnerships, and information services. Web site: <http://www.bc.edu/cwf>

#### **Center on Wealth and Philanthropy**

The Center on Wealth and Philanthropy (CWP), formerly the Social Welfare Research Institute, studies spirituality, wealth, philanthropy, and other aspects of cultural life in an age of affluence. CWP is a recognized authority on the meaning and practice of care, on the patterns and trends in individual charitable giving, on philanthropy by the wealthy, and on the forthcoming \$45 trillion wealth transfer. CWP has published research on the patterns, meanings, and motives of charitable giving; on survey methodology; on the formal and informal care in daily life; and on financial transfers to family and philanthropy by the wealthy. Other areas of research include the "new physics of philanthropy," which identifies the economic and social-psychological vectors inclining wealth holders toward philanthropy. New directions include developing and training fundraising and financial professionals in the use of a discernment methodology based on Ignatian principles for guiding wealth holders through a self-reflective process of decision-making about their finances and philanthropy; analyzing what key religious and philosophical thinkers understand and teach about wealth and charity; estimating wealth transfer projections for states and metropolitan regions, and analyzing the patterns of relative philanthropic generosity among cities, states, and regions in the U.S. Over the past twenty years CWP has received generous support from the T.B. Murphy Foundation Charitable Trust, the Indiana Center on Philanthropy, the W. K. Kellogg Foundation, the Lilly Endowment, Inc., and the Boston Foundation. Web site: <http://www.bc.edu/cwp>

#### **International Study Center**

The International Study Center at the Lynch School of Education is dedicated to conducting comparative studies in educational achievement. Principally, it serves as the center for international studies in mathematics, science, and reading--the Trends in International Mathematics and Science Study (TIMSS) and the Progress in International Reading Literacy Study (PIRLS). Web site: <http://isc.bc.edu/>.

#### **Institute of Medieval Philosophy and Theology**

The Institute is a center that unites the teaching and research efforts of the faculty members in the Philosophy and Theology Departments who specialize in medieval philosophy and theology. Doctoral degrees are awarded in the Theology or Philosophy departments and students matriculate in one of these two departments. The focus of the Institute is on the relationship between medieval philosophy and theology and modern continental philosophy and theology.

#### **Institute for Scientific Research**

The Institute for Scientific Research (ISR), established in 1954, boasts a highly proficient team of research scientists, engineers, mathematicians, and computer scientists. Over the course of its history, the Institute has utilized a diversity of knowledge to develop highly sophisticated techniques for analyzing raw scientific and engineering data and presenting it in meaningful and useful ways. Using state-of-the-art analytical tools and technology including computer-generated modeling, the Institute is a forerunner in scientific data analysis and interpretation using statistical data analysis, digital signal processing and image processing; mathematical signal modeling; animated visualization of real and simulated data; the manipulation and interpretation of scientific images; and the design of specialized databases, data management techniques and interactive scientific software. Web site: <http://www.bc.edu/isr>.

#### **Institute for the Study and Promotion of Race and Culture**

The Institute for the Study and Promotion of Race and Culture (ISPRC) was founded in 2000 at Boston College, under the direction of Dr. Janet E. Helms, to promote the assets and address the societal conflicts associated with race or culture in theory and research, mental health practice, education, business, and society at large. The ISPRC attempts to solicit, design, and disseminate effective interventions with a proactive, pragmatic focus. Each year the Institute addresses a racial or cultural issue that could benefit from a pragmatic scholarly focus through its Diversity Challenge conference. Web site: <http://www.bc.edu/isprc>.

#### **Irish Institute**

The Irish Institute is a division of the Center for Irish Programs at Boston College. The mission of the Institute is to support the peace and normalization process on the island of Ireland and to contribute to social, political, and economic stability through cross-border and cross-community cooperation. Professional development programming by the Institute introduces Irish and Northern Irish participants to successful models of best practices in the U.S., as well as offering an opportunity for cultural exchange that promotes mutual understanding among the U.S., Ireland, and Northern Ireland. Since its founding in 1997, more than 650 decision-makers from all sectors, including government, business, education, environment, policing, media, and nonprofits have participated in over 70 Irish Institute programs. Programs balance classroom seminars led by Boston College faculty with site visits to innovative and effective industry leaders in Massachusetts and across the United States. The Irish Institute is regarded as an honest broker by all parties on the island of

Ireland, and its reputation for delivering quality programming in an inclusive environment attracts leaders from all communities and from across the political spectrum. In recent years, the Institute has applied its programming models and expertise in addressing the problems of divided societies to embrace participants from the Middle East and North Africa. The Irish Institute's 2005 programming will be in the areas of local government, journalism, nonprofit management and development, community policing, teacher education, education for cultural diversity, public policy, and business management and leadership. The Institute receives annual funding from Boston College, the U.S. Congress through the U.S. Department of State, and the Bureau of Cultural and Educational Affairs as well as through several other external partnerships. Web site: <http://www.bc.edu/irishinstitute>.

#### **Jesuit Institute**

The Jesuit Institute was established in 1988 to contribute towards the response to the question of identity. The Institute, initially funded by the Jesuit Community at Boston College, is not an additional or separate academic program. It is rather a research institute which works in cooperation with existing schools, programs and faculties primarily but not exclusively at Boston College. Within an atmosphere of complete academic freedom essential to a university, the Institute engages positively in the intellectual exchange that constitutes the University. Its overarching purpose is to foster research and collaborate interchange upon those issues that emerge at the intersection of faith and culture. Through its programs, the Institute does this in two ways: by supporting the exploration of those religious and ethical questions raised by this intersection and by supporting the presence of scholars committed to these questions. Web site: [http://www.bc.edu/bc\\_org/avp/acavp/jesin/](http://www.bc.edu/bc_org/avp/acavp/jesin/).

#### **Lonergan Center**

Studies related to the work of the Jesuit theologian and philosopher Bernard Lonergan (1904-1984) are fostered and advanced in the Lonergan Center at Boston College. Inaugurated in 1986, the Center houses a growing collection of Lonergan's published and unpublished writings as well as secondary materials and reference works, and it also serves as a seminar and meeting room. Boston College sponsors the annual Lonergan Institute, which provides resources, lectures, and workshops for the study of the thought of Bernard Lonergan, S.J. Web site: <http://www.bc.edu/lonergan>.

#### **Mathematics Institute**

The Boston College Mathematics Institute was established in 1957 as a unit separate from the Mathematics Department to assist in the effort to improve the content and instructional practice of mathematics at the school level. In the 1960's and 1970's the primary focus of the Institute was on providing veteran teachers with renewal programs and professional development opportunities to update and deepen their background in mathematics. The

National Science Foundation was a major source of funding. Concurrently, Institute staff developed some supplementary instructional materials to use with students in the grades K-12. At present, the Mathematics Institute offers professional enhancement courses for teachers in the summers at Boston College and other sites. Other current projects include research studies and content development related to school level mathematics concerns. Web site: <http://www.bc.edu/mathinst>.

#### **Boisi Center for Religion and American Public Life**

The Center for Religion and American Public Life was founded to bring together high quality research and scholarship on religion to bear on issues of public policy in America. The Center's goal is not to advance any ideological agenda, whether liberal or conservative. The Center seeks instead to be the sponsor of dialogue and discussion which brings together people whose primary concerns are religious with people whose primary concerns are political, in the belief that they will find common ground. The main goals of the Center include the promotion of scholarship dealing with religion and public life, faculty and student development at Boston College, and outreach activities that contribute to a more robust public discussion of critical issues. Web site: [http://www.bc.edu/bc\\_org/research/rapl](http://www.bc.edu/bc_org/research/rapl).

#### **Small Business Development Center**

The Small Business Development Center (SBDC) provides managerial, financial and technical assistance and training to small business people in the Greater Boston area. Prospective and active small business people can receive one-on-one counseling and consultative assistance in a range of business areas such as finance, marketing, planning, operations, accounting and controls. The SBDC also offers specially designed small business management training workshops. Topics include writing a business plan, financial planning, marketing, strategic planning, cash flow and general management as well as other varied topics. Web site: [http://www.bc.edu/bc\\_org/avp/csom/executive/sbdc](http://www.bc.edu/bc_org/avp/csom/executive/sbdc).

#### **Weston Observatory**

Weston Observatory, formerly Weston College Seismic Station (1928-1949), is a part of the Department of Geology and Geophysics of Boston College. Located 10 miles from the main campus, the Observatory is an interdisciplinary research facility of the Department, and a center for research in the fields of geophysics, geology, and related fields. Weston Observatory was one of the first participating facilities in the Worldwide Standardized Seismograph Network and operates a twelve-station regional seismic network that records data on earthquakes in the northeast, as well as distant earthquakes. The facilities at Weston Observatory offer students a unique opportunity to work on exciting projects with modern, sophisticated, scientific research equipment in a number of different areas of scientific and environmental interest.

Web site: <http://www.bc.edu/westonobservatory>.