

Office of Research Administration

Highlights of Sponsored Activities during 1998-1999

A total of 326 proposals were submitted in FY1999. The amount of funding requested for the total project period for these proposals was \$120,374,659. The number of proposals submitted in FY1999 sets a new record for Boston College for the highest number of proposals submitted.

In FY1999, a record was also set for the number of award obligations received. There were 258 sponsored project award obligations made in FY1999 for a total of \$30,894,100. The total amount of award obligations received in FY1999 were approximately 33% higher than those received in FY1998. This is an indication of the continued success of Boston College faculty.

Overall, there remains a general upward trend in sponsored project activities at Boston College. There are a greater number of faculty working with the Office of Research Administration to secure external funding from both Federal and non-Federal sponsors.

Source: Office of Research Administration

Summary of Sponsored Project Awards, 1998-1999*

	Number of Awards	Award Total		Number of Awards	Award Total
Biology	17	\$ 2,046,674	Theology	4	225,923
Chemistry	40	4,026,858	School of Education	29.5	2,397,987
Computer Science	2	283,151	Campus School	5	2,044,936
Economics	4	157,553	CSTEEP	28	6,450,635
Fine Arts	4	192,500	Law School	3	172,397
Geology and Geophysics**	10	461,366	School of Management	6	1,873,781
Grad. A&S/Assoc. VP for Research	1	25,222	School of Nursing	12	445,059
Institute for Scientific Research	15	3,586,733	Graduate School of Social Work	7.5	199,285
Mathematics	5	246,174	Center for Child, Family & Community Partnerships	7	1,541,863
Philosophy	1	17,000	Center for Corporate Community Relations	3	569,736
Physics	18	1,234,289	Center for Work and Family	6	198,998
Political Science	10	280,955	Irish Institute	2	1,100,000
Psychology	8	440,711	Learning to Learn	1	189,209
Romance Languages	1	1,000	Other	2	134,600
Slavic/Eastern Languages	1	12,000			
Sociology	4	237,505	Total	258	\$ 30,894,100
Social Welfare Research Institute	1	100,000			

* These amounts represent awards to the University during the period June 1, 1998 to May 31, 1999, and include only funds officially authorized in that year. They do *not* include the full amount of multi-year projects. Student aid funds managed by the Financial Aid Office are not included in this table. (They *are* included in the next two tables in this section provided by the Controller's Office.)

**Includes Weston Observatory.

Source: Office of Research Administration

Sponsored Projects*

Source and Application of Funding (Thousands of Dollars)

	1995	1996	1997	1998	1999
Source					
Government:					
Federal	\$ 17,644	\$ 19,614	\$ 18,957	\$ 20,182	\$ 22,760
State	1,213	862	1,001	1,415	1,326
Local	1,543	1,902	2,009	1,913	2,005
Corporations & Foundations	2,063	1,938	2,356	2,603	4,592
Total	\$22,463	\$24,316	\$24,323	\$26,113	\$30,683
Application					
Sponsored Research	\$ 11,691	\$ 12,542	\$ 12,902	\$ 14,608	\$ 18,700
Other Sponsored Programs	5,259	6,102	5,558	4,961	5,112
Student Aid	5,513	5,672	5,863	6,544	6,871
Total	\$22,463	\$24,316	\$24,323	\$26,113	\$30,683

* The amounts represent actual accounted expenditures (including Pell Grants) for the referenced fiscal year.

Source: Office of the Controller

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

	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
College of Arts & Sciences	-	12	82	97	60	56	194	192	142	52
Biology	438	615	680	551	751	937	1,085	1,330	1,295	1,170
Chemistry	1,957	2,264	2,052	2,185	2,612	3,193	3,353	3,270	3,350	4,642
Geology & Geophysics ¹	393	427	504	536	516	390	603	497	538	468
Mathematics Dept.	13	18	15	22	16	39	10	62	62	109
Mathematics Institute	3	22	42	224	658	640	700	629	342	43
Physics	803	709	407	210	147	165	180	184	337	636
Fine Arts	-	-	-	-	10	2	-	8	24	94
McMullen Art Museum	-	20	-	-	-	58	46	-	-	48
Theology	104	122	105	241	362	223	240	309	370	243
Economics	157	123	23	108	168	97	269	341	336	233
History	23	56	3	69	43	19	1	-	92	89
Political Science	12	72	35	55	37	61	47	1	151	116
Psychology	64	75	191	157	146	250	201	216	356	283
Sociology	-	-	3	4	28	51	49	95	192	246
School of Education	2,200	2,225	2,202	2,102	1,941	2,348	2,675	2,969	2,676	3,297
Law School	146	146	100	96	176	369	282	276	201	131
Carroll School of Management	458	482	512	512	535	521	511	481	481	688
Irish Institute	-	-	-	-	-	-	-	-	475	920
School of Nursing	162	188	206	256	372	375	441	444	521	554
Graduate School of Social Work	204	218	285	450	473	365	229	305	402	310
Corporate Community Relations	-	117	45	26	90	26	2	33	45	199
Center for Work and Family Social Welfare Research Institute	94	73	111	169	115	123	141	178	173	155
O'Neill Library	3	5	3	12	25	732	1,029	268	28	3
Center for Testing	803	1,071	1,089	1,192	1,237	2,655	2,819	2,613	3,274	4,715
Romance Languages	-	-	-	-	2	2	-	-	-	1
Slavic/Eastern Languages	-	-	-	-	-	-	30	12	2	15
IRE/Pastoral Ministry	-	-	-	-	-	-	-	-	13	14
Student Aid	5,601	4,938	5,149	5,446	5,324	5,513	5,672	5,863	6,544	6,871
Institute for Scientific Research	2,832	3,929	4,500	4,247	3,723	2,981	3,206	3,421	3,182	3,417
Center for Child, Family, and Community Partnerships	-	-	-	-	-	-	-	-	-	397
Student Affairs V.P.	122	118	140	143	151	150	141	142	152	161
Athletics	47	54	54	62	71	78	66	65	65	62
Other ²	42	15	112	115	40	44	94	83	23	-
Total	16,681	18,114	18,650	19,287	19,829	22,463	24,316	24,323	26,113	30,683

¹ Includes Weston Observatory.

² Other includes Classical Studies, English, Philosophy, Music, University Librarian, Black Studies, Human Resources, Jesuit Institute, AVP-Dean of Faculties.

Source: Office of the Controller

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

	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	
Biology	\$ 635	\$ 600	\$ 621	\$ 572	\$ 1,084	\$ 923	\$ 1,274	\$ 1,395	\$1,109	\$2,047
Chemistry	2,298	2,151	1,908	2,439	3,232	3,255	3,369	3,769	4,376	4,027
Computer Science	-	-	-	-	-	-	-	-	-	283
Economics	108	70	153	83	75	253	348	372	266	158
English	-	76	-	-	-	-	-	-	-	-
Fine Arts	-	20	-	-	25	57	38	20	10	193
Geology/Geophysics ¹	395	539	472	482	530	805	433	239	467	461
Grad. School of A&S	-	-	-	-	50	52	75	48	41	25
History	60	-	75	-	63	2	-	-	161	-
IREPM ²	-	-	-	-	-	-	-	-	28	-
Inst. for Scien. Research	5,034	4,092	4,550	3,935	3,409	2,926	3,786	3,510	3,062	3,587
Mathematics ³	17	48	988	47	788	793	737	69	174	246
Music	-	-	-	-	-	-	-	50	-	-
Philosophy	-	-	-	-	90	-	45	30	-	17
Physics	952	465	279	127	170	216	173	323	366	1,234
Political Science	104	82	3	31	35	89	32	107	152	281
Psychology	35	207	163	177	203	232	265	193	448	441
Romance Languages	-	-	-	-	4	-	-	-	-	1
Slavic/Eastern Languages	-	-	-	-	-	-	40	4	33	12
Sociology	-	-	8	-	147	-	5	163	283	238
SWRI ⁴	122	-	279	133	109	92	153	233	367	100
Theology	-	114	241	287	385	341	325	324	343	226
School of Education	823	776	659	794	642	1,172	816	1,281	1,431	2,398
Campus School	1,407	1,365	1,442	1,421	1,456	1,519	1,804	1,874	1,816	2,045
CSTECP ⁵	753	890	1,152	1,204	2,333	2,977	2,278	2,920	4,974	6,451
Law School	59	46	-	-	252	334	379	77	51	172
School of Management	477	421	553	486	557	533	451	492	552	1,874
School of Nursing	101	226	215	340	342	374	559	498	513	445
Grad. Schl. of Social Work	153	417	337	501	292	299	326	720	149	199
CCFCP ⁶	-	-	-	-	-	-	-	159	100	1,542
CCCR ⁷	-	-	-	-	41	-	-	-	-	570
Center for Work & Family	-	-	-	-	-	-	-	86	452	199
Irish Institute	-	-	-	-	-	-	-	-	1,100	1,100
Learning to Learn	-	-	-	-	-	-	-	175	-	189
Other	163	282	457	426	220	2,239	335	69	248	135
Total	\$13,696	\$12,887	\$14,557	\$13,487	\$16,531	\$19,480	\$18,046	\$19,202	\$23,069	\$30,894

¹ Includes Weston Observatory.

² The Institute of Religious Education and Pastoral Ministry (IREPM)

³ Includes the Mathematics Institute.

⁴ The Social Welfare Research Institute (SWRI)

⁵ The Center for the Study of Testing, Evaluation, and Educational Policy (CSTECP)

⁶ The Center for Child, Family, and Community Partnerships (CCFCP)

⁷ 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 Research Administration

Number of Sponsored Project Awards Received By Department

	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
Biology	10	7	8	9	10	12	15	16	12	17
Chemistry	24	28	23	30	33	34	35	38	46	40
Computer Science	-	-	-	-	-	-	-	-	-	2
Economics	4	3	2	3	2	8	6	5	2	4
English	-	1	1	-	-	-	-	-	-	-
Fine Arts	-	1	-	-	2	3	2	1	1	4
Geology/Geophysics ¹	5	6	5	8	7	5	5	4	8	10
Grad. School of A&S	-	-	-	-	1	2	3	1	1	1
History	2	-	1	-	2	1	-	-	3	-
IREPM ²	-	-	-	-	-	-	-	-	1	-
Inst. for Scientific Research	19	16	18	14	14	15	16	13	17	15
Mathematics ³	1	2	4	2	2	2	1	2	3	5
Music	-	-	-	-	-	-	-	1	-	-
Philosophy	-	-	-	-	1	-	2	1	-	1
Physics	8	7	6	7	4	4	3	10	11	18
Political Science	3	4	2	2	1	3	2	3	6	10
Psychology	1	5	3	4	6	7	8	5	5	8
Romance Languages	-	-	-	-	1	-	-	-	-	1
Slavic/Eastern Languages	-	-	-	-	-	-	1	1	2	1
Sociology	-	-	2	-	2	-	1	5	6	4
SWRI ⁴	2	-	4	2	1	2	2	2	2	1
Theology	-	1	2	2	6	2	2	4	4	4
School of Education	14	10	11	12	11	17	18	27	26	29.5
Campus School	6	5	5	4	5	5	4	5	6	5
CSTEEP ⁵	5	8	14	9	7	4	9	11	1	28
Law School	1	2	-	-	2	3	4	2	3	3
School of Management	6	4	6	3	5	4	2	5	4	6
School of Nursing	2	12	9	10	10	9	12	11	12	12
Grad. Schl. of Social Work	3	7	7	6	7	9	6	11	8	7.5
CCFCP ⁶	-	-	-	-	-	-	-	1	1	7
CCCR ⁷	-	-	-	-	3	-	-	-	-	3
Center for Work & Family	-	-	-	-	-	-	-	2	13	6
Irish Institute	-	-	-	-	-	-	-	-	2	2
Learning to Learn	-	-	-	-	-	-	-	1	-	1
Other	2	4	5	104	4	5	6	2	3	2
Total	118	133	138	137	149	156	165	190	224	258

¹ Includes Weston Observatory.

² The Institute of Religious Education and Pastoral Ministry (IREPM)

³ Includes the Mathematics Institute.

⁴ The Social Welfare Research Institute (SWRI)

⁵ The Center for the Study of Testing, Evaluation, and Educational Policy (CSTEEP)

⁶ The Center for Child, Family, and Community Partnerships (CCFCP)

⁷ The Center for Corporate Community Relations (CCCR)

Source: Office of Research Administration

Number of Sponsored Project Proposals Submitted By Department

	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
College of Arts & Sciences	-	-	-	-	-	1	1	-	-	1
Assoc. VP for Research	-	-	-	-	-	-	-	-	-	1
Biology	16	19	19	23	23	26	21	31	31	34
Black Studies	-	-	-	-	-	2	-	-	-	-
Chemistry	35	36	28	36	35	39	47	57	48	46
Computer Science	-	-	-	-	-	-	-	-	6	-
Economics	5	4	3	3	7	10	8	7	5	9
English	1	-	-	-	1	-	-	1	1	-
Fine Arts	3	-	2	5	4	4	4	2	3	2
Geology/Geophysics ¹	13	12	13	15	14	12	13	12	21	21
Germanic Studies	-	-	-	-	-	-	-	1	-	-
Graduate School of A&S	-	-	-	-	-	2	-	-	2	1
History	2	1	1	2	5	3	1	3	3	1
Honors Program	-	-	-	-	-	-	1	-	-	-
Inst. for Scien. Research	10	6	6	11	7	13	10	12	4	10
Mathematics ²	1	4	1	2	3	3	3	2	7	7
Philosophy	-	-	2	1	-	1	3	1	-	1
Physics	13	10	9	7	10	5	7	22	12	26
Political Science	3	2	1	-	1	1	3	3	7	8
Psychology	2	10	10	8	17	14	6	8	13	10
Romance Languages	1	-	-	-	3	-	-	-	-	1
Slavic/Eastern Languages	-	-	-	-	-	-	2	3	2	5
Sociology	1	-	4	6	4	6	5	8	6	7
SWRI ³	-	1	3	3	2	1	3	2	1	1
Theology	-	2	1	1	5	1	2	2	1	2
School of Education	27	13	12	16	20	33	31	43	36	42
Campus School	5	2	1	3	5	8	5	4	5	5
CSTEEP ⁴	5	4	12	7	7	6	13	13	23	21
Law School	-	-	2	3	3	5	2	3	3	5
School of Management	3	7	4	5	5	4	1	9	3	6
School of Nursing	9	20	17	27	14	18	21	16	12	18
Grad. Schl. of Social Work	9	6	12	12	10	7	15	12	13	8
CCFCP ⁵	-	-	-	-	-	-	-	1	1	13
CCCR ⁶	-	-	-	-	1	-	1	1	3	2
Center for Work & Family	-	-	-	-	-	-	-	5	12	5
International Programs	-	-	-	-	1	-	-	-	-	-
Irish Institute	-	-	-	-	-	-	-	-	1	2
Jesuit Institute	-	-	-	-	1	-	-	1	-	-
Learning to Learn	-	-	-	-	1	1	1	1	1	-
Other	2	7	4	9	3	3	1	2	5	4
Total	168	166	167	205	212	229	231	288	291	326

¹ Includes Weston Observatory.² Includes the Mathematics Institute.³ The Social Welfare Research Institute (SWRI)⁴ The Center for the Study of Testing, Evaluation, and Educational Policy (CSTEEP)⁵ The Center for Child, Family, and Community Partnerships (CCFCP)⁶ The Center for Corporate Community Relations (CCCR)

Source: Office of Research Administration

Selected Sponsored Project Awards 1998-1999

Title	Source of Funding	Amount
Biology Department S. Pombe cAMP Signal Pathway	National Institutes of Health	\$322,320
Chemistry Department Upgrade of a 500 MHz NMR Spectrometer	National Institutes of Health	\$275,000
Economics Econometrics of Dynamic Index - Threshold Models	National Science Foundation	\$111,614
Geology and Geophysics Department New England Seismic Network	U.S. Geological Survey	\$166,331
Institute for Scientific Research Image Processing, Analysis and Management of Celestial Background Measurements	U.S. Air Force	\$581,633
Irish Institute Programs for Ireland	U.S. Information Agency	\$1,000,000
Mathematics Improving Mathematics Graduate Student Teaching via Case Studies	U.S. Dept. of Education	\$ 82,350
Physics Department Quasi-One Dimensional Molecular Conductors	National Science Foundation	\$139,000
Psychology Department Individual Differences in Emotion Discrimination	National Science Foundation	\$172,738
School of Education National Committee on Testing and National Policy TIMSS Replication EICS Phase IV: Adolescence	The Ford Foundation IEA/U.S. Dept. of Education Dept. of Health & Human Services	\$1,000,000 \$ 750,000 \$ 225,191
School of Management Center for Retirement Research	Social Security Administration	\$1,250,000
School of Nursing Prenatal Home Visitation Intervention to Promote Smoking Cessation and Reduce Second-hand Smoke	Dana-Farber Cancer Institute	\$83,643
School of Social Work Skills Training for Breast Cancer Patients and Their Partners	MA Department of Public Health	\$67,785
Sociology Department Community Media Resource Network	The Boston Foundation	\$40,000
Center for Child, Family and Community Partnerships Developmentally Disabled Adults: Black and White Families	National Institutes of Health	\$957,588
Center for Corporate Community Relations Identify Leading Practices and Frameworks for Corporate Involvement in Community and Economic Development	The Ford Foundation	\$445,00

Source: Office of Research Administration

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 and 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.

Center for Corporate Community Relations

The Center for Corporate Community Relations is an international corporate membership organization. The Center partners with businesses worldwide to strengthen their community relationships and investments to achieve healthy, sustainable communities in which to live, work and do business. The Center does this through research, policy, and education that build knowledge of the interdependence of community vitality and business success.

The Center's research and development are dedicated to advancing the understanding and creating new technologies for the practice of corporate citizenship, including best practices that define and measure excellence, national surveys and custom research upon request.

The Center offers a unique Resource Center on Corporate Citizenship. It maintains a collection of corporate citizenship materials from more than 1,000 corporations and background materials on more than 400 non-profit organizations, and provides quick-response, customized searches to provide information about corporate citizenship.

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.

Center for International Higher Education

Established in 1995 and housed in the Lynch School of Education, the Center for International Higher 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.

Center activities include the publication of a quarterly newsletter dealing with the central concerns of higher education in an international context; a book series on higher education; the maintenance of an international data base of administrators, policy makers, and researchers in the field of higher education; and sponsorship of an international conference on higher education issues. Visiting scholars from Jesuit and other universities worldwide occasionally are in residence at the Center.

Center for Nursing Research

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 disseminate 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.

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

The Lynch School of Education houses the Center for the Study of Testing, Evaluation, and Educational Policy (CSTEETP), a university-supported research center internationally recognized for its work in the policy uses of tests. This research center is a rich resource for all programs in education. In the past decade, CSTEETP has been involved in assessment issues that address the fairness of testing in culturally and economically diverse populations.

CSTEETP has been joined by the Learning Communities Research Group (LCRG). LCRG projects include Vanguard for Learning, Math Instruction through Video, and World Band. The Group specializes in research on technology in education.

Funding from the Spencer Foundation has enabled researchers from CSTEETP to document and change the educational ecology of classrooms and schools through student drawings in the Drawing on Education project.

Center for Work and Family

The Center for Work and Family at Boston College Wallace E. Carroll School of Management is a research organization that promotes employer and community responsiveness to families. The guiding vision of the Center is the strengthening of families, broadly defined to reflect the diversity throughout our communities today. The Center's activities fall into three broad categories: research, policy initiatives and employer partnerships.

Central to the Center's operating philosophy is collaboration with leading partners who are also committed to advancing the issues of work and family. These partnerships have resulted in several significant outcomes, including:

- Publication of a Policy Paper Series on work and family.
- Ongoing expansion of our two corporate partnerships, the Work and Family Roundtable and the New England Work and Family Association.
- Publication by *Business Week* in 1996 and 1997 of the first-ever corporate ranking of family friendliness.
- Development of a practitioner's manual to guide companies through a strategic planning process linking work/life to business priorities.
- Development of the Principles of Excellence in Work and Family, a set of standards for organizations striving to be leaders in this area.

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.

To foster this dialogue and encourage the scholarly retrieval of the great medieval intellectual world, the institute offers graduate student fellowships and assistantships, sponsors speakers programs, runs a faculty-student seminar to investigate new areas of medieval philosophical and theological research, and has set up a research center to assist in the publication of monographs and articles.

Institute for Scientific Research

The Institute for Scientific Research (ISR) is engaged in scientific analysis, mathematical modeling and image processing in heavenly explorations—for example, interpreting changes in infrared emissions in space—and in earthbound pursuits—such as designing a database to help understand the behavior of financial markets.

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 ways. Using state-of-the-art analytical tools and technology including computer-generated modeling, the Institute leads in scientific data analysis and interpretation using statistical data analysis, digital signal 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.

Irish Institute

The Irish Institute, established in 1992, utilizes cross-campus resources to create and provide programs in areas such as business, government and education. We believe that this mission—and the personal, educational, and corporate exchanges it facilitates—serves to promote a more lasting peace on the island of Ireland and can provide models for the delivery of good government that can be applied to many regions around the world.

The Irish Institute currently offers programs in education, business management, and political leadership. Featured in 1999-00 are programs in Civic Journalism, Corporate Child Care, Heritage Management, Young Political Leadership, the Ulster University Leadership Program, the Irish Management Institute Leadership Program, The Middle East Higher Education Program, the Ron Brown Business Development Program and the Council of the Isles Program.

In 1997 the Institute was chosen to administer the American component of the Northern Ireland Assembly Transition Program. Boston College continues to host Assembly members, their staff and civil servants, as well as representatives of all the parties from Britain and Ireland, for programs that will allow them to learn about the American political system at city, state and federal level and to forge relationships with their counterparts in the United States.

In recent years, the Institute has applied its programming models to embrace participants from the Middle East and North Africa and in 1999 the Institute opened Boston College-Ireland, a Dublin base for its programming in the European Union.

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.

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.

Management Center

Through its Management Development Program, the Management Center offers a variety of seminars and workshops designed for companies and professional groups. These offerings range from very intense, long term programs to short one-and two-day seminars that emphasize executive education, research, and special programs which extend beyond the customary graduate and undergraduate curriculum.

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 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.

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.

Small Business Development Center

The Small Business Development Center (SBDC) provides managerial, financial, and technical assistance and training to small business persons in the Greater Boston Area.

The services provided by the SBDC may be classified as business counseling and management training. Small business persons may receive one-on-one counseling and consultative help in a range of business areas such as finance, marketing, planning, accounting and controls, and operations. The SBDC offers educational opportunities for active and prospective small business persons. Topics vary, but areas covered include starting a business, financial planning, marketing, strategic planning, merchandising, and management. The Massachusetts Small Business Development Center program is a partnership of the U.S. Small Business Administration, the Massachusetts Executive Office of Economic Affairs, and Boston College in cooperation with the University of Massachusetts/Amherst under a consortium agreement.

Social Welfare Research Institute

The Social Welfare Research Institute (SWRI) is a multidisciplinary research center specializing in the study of spirituality, wealth, philanthropy, and other aspects of cultural life in an age of affluence. Founded in 1970, SWRI is a recognized authority on the relation between economic wherewithal and philanthropy, the motivations for charitable involvement, and the underlying meaning and practice of care. Over the past twelve years SWRI has received generous support from the T.B. Murphy Foundation Charitable Trust, which funded SWRI's groundbreaking Study on Wealth and Philanthropy, and from the Indiana University Center on Philanthropy, the W. K. Kellogg Foundation, and the Lilly Endowment, Inc.

TIMSS International Study Center

The Third International Mathematics and Science Study (TIMSS) International Study Center is housed in the Lynch School of Education and is conducted under the auspices of the International Association for the Evaluation of Educational Achievement (IEA). With 45 countries participating, five grades assessed in two school subjects, more than half a million students tested in more than 30 languages, and millions of open-ended responses generated, TIMSS is the largest and most ambitious study of comparative achievement ever undertaken.

Another project being conducted by the TIMSS International Study Center is the Progress in Reading Literacy Study (PIRLS). PIRLS is the first in the series of international studies designed to measure trends in reading literacy for fourth-grade students.

The TIMSS International Study Center is funded by the IEA, the U.S. National Center for Education Statistics, and the U.S. National Science Foundation.

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.

The web sites of all Boston College research institutes and centers can be reached at <http://www.bc.edu/research>