

# notre dame report

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# the university

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## administrative offices take new titles

The following name changes have been made within the administrative offices of the University in order to clarify their responsibilities and services: University Relations Division, formerly Public Relations, Alumni Affairs and Development; Public Relations and Information, formerly Information Services; Publications and Graphic Services, formerly Printing and Publications; Special Events and Protocol, formerly Special Projects.

## sophomore core course awarded grant

The University's College of Arts and Letters has been awarded a \$199,787 grant from the National Endowment for the Humanities to improve its interdisciplinary sophomore Core Course, "Ideas, Values, and Images." The three-year grant, of which \$50,000 is contingent upon the College's raising of an additional \$50,000, will fund a course review and a plan for faculty enrichment directed by Anastasia F. Gutting, assistant director of the Core Course. The project will include a course evaluation by a committee of scholars from Notre Dame and other universities. The Core Course was established in 1978. Under the direction of Alven Neiman, assistant dean of the College of Arts and Letters, it is taught in 29 sections to more than 580 sophomores within the College. Its principal themes are nature, society, the individual and God.

## liberal arts institute receives grant

The University's College of Arts and Letters will receive a \$500,000 grant from the Andrew W. Mellon Foundation for its Institute for Scholarship in the Liberal Arts. Half the grant will fund faculty development over the next three years; the other half, applied to the Institute's endowment, will require a three-to-one match of gifts to the University. These combined funds will establish a \$1-million endowment for faculty development.

Notre Dame's Institute for Scholarship in the Liberal Arts was established in December, 1983. Under the direction of Nathan O. Hatch, associate dean of the College of Arts and Letters, the Institute is designed to enhance research support for College faculty. It has already given several research grants to College faculty and helped several College departments begin distinguished visiting scholar programs.

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Vol. 14, No. 2

Sept. 28, 1984

Notre Dame Report (USPS 707-080) is an official publication published fortnightly during the school year, monthly in the summer, by the University of Notre Dame, Department of Information Services. Second-class postage paid at Notre Dame, Ind. Postmaster: Please send address corrections to: Editor, Notre Dame Report, c/o Rm. 212, Administration Building, Notre Dame, IN 46556

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# faculty notes

## honors

Theodore J. Crovello, chairman and professor of biology, was elected to the Executive Committee of the Board of Directors, Biological Sciences Curriculum Study, Inc., Colorado Springs, Colo., Aug. 24.

Fabio B. Dasilva, professor of sociology, was presented with a Festschrift by 22 scholars from Western Europe and the Americas, organized by David R. Dees (ND PhD '72), dean of students at the University of Central Florida, during the annual meeting of the American Sociological Association, in San Antonio, Tex., Aug. 29, in honor of his 50th birthday and 20 years of teaching in the USA.

Jay P. Dolan, associate professor of history and director of the Cushwa Center for the Study of American Catholicism, was recently appointed to the editorial board of the Center for the Study of the American Jewish Experience at Hebrew Union College, Cincinnati, Ohio.

George S. Howard, associate professor and director of graduate studies in psychology, was elected a fellow of the American Psychological Association. Howard is the second psychologist at Notre Dame to achieve this honor.

Robert C. Nelson, associate professor of aerospace and mechanical engineering, was appointed for a second year as chairman of the AIAA's (American Institute of Aeronautics and Astronautics) Atmospheric Flight Mechanics Technical Committee.

John Oesterle, professor of philosophy at the time of his death in 1977, and his wife, Jean, who has taught at both Notre Dame and Saint Mary's, were presented with the Aquinas Medal during the annual meeting of the American Catholic Philosophical Association in Pittsburgh, Pa., April 9. The Aquinas Medal is the highest award bestowed by the ACPA and is meant to honor contributions to and service in behalf of the Catholic philosophical tradition. John Oesterle taught at Notre Dame for 24 years, the last 12 of which he served as editor of The New Scholasticism, the journal of the ACPA. He authored widely used textbooks in logic and ethics and also published translations of two long treatises from Aquinas' Summa Theologiae. Jean Oesterle has served as the associate editor of The

New Scholasticism for the past eight years. She has published a translation of Aquinas' commentary on Aristotle's De Interpretatione, and she is presently completing the translation of St. Thomas' Disputed Question on Evil which she and John were working on at the time of his death.

Kenneth F. Ripple, professor of law, was appointed a Special Assistant Attorney General of Michigan to represent the state before the Supreme Court of the United States in Grand Rapids v. Ball which involves the constitutionality of shared time programs.

## activities

Terrence J. Akai, assistant professor of aerospace and mechanical engineering, presented a paper entitled "Effect of Upstream Parallel Flow on Two-Dimensional Wind-Tunnel Tests," at the AIAA Second Applied Aerodynamics Conference held in Seattle, Wash., Aug. 21-23.

Jose Anadon, associate professor of modern and classical languages, gave a lecture entitled "Literatura Colonial Hispanoamericana: Nuevos Hallazgos," at the Catholic University, Santiago, Chile, June 27.

Stephan Arndt, assistant faculty fellow in the Social Science Training and Research Laboratory and in psychology, presented a paper entitled, "The Failure of Gapping as a Robust Test in the Asymmetrical Distribution" at the Annual Conference of the American Statistical Association in Philadelphia, Pa., on Aug. 14.

John G. Borkowski, professor of psychology, presented a paper entitled "Impulsivity and Strategy Transfer" (with B. Kurtz) at the Conference on Research and Theory in Mental Retardation, Gatlinburg, Tenn., March 8. On March 28, he presented a talk at Butler University on "Graduate Training and Career Opportunities in Psychology". He served as discussant on a symposium on "Metacognition" at the annual meetings of the American Educational Research Association, in New Orleans, La., April 23. On June 13, he presented a colloquium, "On the Reliability, Validity, and Scope of Metamemory" to the members of the Max Planck Institute, Munich, FRG. On June 20, Borkowski delivered an address to the members of the Institute fur Fernstudien, University Tubingen, FRG. He participated in a conference on "Memory Development," delivering a paper on "Individual Differences in Metamemory Components: Implications for Understanding Strategy Generalization", at Castle Ringberg, FRG., on June 24-27. On July 13-15, he participated in a workshop sponsored by the Social Science Research Council on "Conception of Giftedness," presenting a paper on "Causes and Consequences of Metamemory in Gifted Children." On Sept. 6, he presented a paper, "Metacognition and Attributional Style" at the XXII International Congress of Psychology, Acapulco, Mexico, as part of a symposium on Motivation and Information Processing.

Raymond M. Brach, associate professor of aerospace and mechanical engineering, presented a paper entitled "Momentum and Energy Analysis of Automobile Collisions" at the International Conference on Structural Impact and Crashworthiness held at Imperial College, London, United Kingdom, July 19.

Neal M. Cason, professor of physics, gave an invited lecture on "Experimental Hadron Physics at AGS II" at the High Energy Discussion Group (HEDG) Meeting at Brookhaven National Laboratory, Upton, N.Y., on March 23. He also gave an invited talk entitled "Experimental Hadron Spectroscopy: Quarks and Gluons in QCD" at the Particles and Nuclei Tenth International Conference in Heidelberg, West Germany, on Aug. 1.

Byung T. Cho, associate professor of management, presented a paper entitled "An Intervention Analysis of Nonstationary Time Series Analysis" at the meetings of the American Statistical Association held in Philadelphia, Pa., Aug. 13-16.

Theodore J. Crovello, chairman and professor of biology, presented an invited paper on "Computers in Biological Education" and an educomputing workshop at the annual meeting of the Commission for Biological Education of the International Union of Biological Sciences, held at the United States Air Force Academy, Colorado Springs, Colo., Aug. 23.

P. K. Das, associate professional specialist in the Radiation Laboratory, gave a talk entitled "Exciplexes and Photogenerated Ion-Pairs of 1,4-Dicyanonaphthalene with Methyl- and Methoxy-Substituted Benzenes" at the National Meeting of ACS, Philadelphia, Pa., Aug. 27-30.

Fabio B. Dasilva, professor of sociology, presented a paper entitled "Popular Music and Political Praxis in Brazil: 1964-1984" at the joint meeting of the International Sociological Association, the Yugoslavian Sociological Association, and the Yugoslavian Institute for Culture on Alienation and Culture Participation, held at Lubjana, Yugoslavia, May 24-26. He gave a seminar on "Issues in Contemporary Hermeneutics," Institute of Philosophy, University of Rome, Italy, June 12. Dasilva presented a paper entitled "Semiotics and the Social Sciences" at the Third International Meeting of the International Semiotics Society, held at Palermo, Italy, June 25-29. He gave a lecture entitled "Adorno's Aesthetics and Political Music in Contemporary Brazil" at the Annual Conference on Theodor W. Adorno held at the University of Frankfurt, W. Germany, June 30. He presented a seminar on "Hermeneutics and the Aesthetics of Contemporary Music" at the Institute of Philosophy, University of Venice, Italy, July 10. He also presented a paper entitled "The Inception, Evolution and Current State of the Moral Development School of Lawrence Kohlberg" (with Anthony B. Cortese) at the annual meeting of the American Sociological Association, held in San Antonio, Tex., Aug. 27.

Jay P. Dolan, associate professor of history and director of the Cushwa Center for the Study of American Catholicism, presented a paper entitled "Catholic Anti-Protestant Attitudes" at the conference on Inter-religious Hostility in America sponsored by the Center for Judaic Studies at the University of Denver, Colo., April 26. At a symposium on Catholic education, he gave an invited lecture, "Baltimore Council III and Parochial Schools: Why All the Fuss?," at Ursuline College, Cleveland, Ohio, June 25. "The Assimilated Church, 1960 to the Present" was the title of a paper he delivered at a conference on "Cultural Dimensions of American Catholicism" held in Chicago, Ill., Sept. 13.

Philip Gleason, professor of history, gave a talk entitled "American Catholics and a Usable Past" at a conference on "Cultural Dimensions of American Catholicism" in Chicago, Ill., Sept. 13.

Denis Coulet, O'Neill professor of education for justice, conducted a seminar on "The Common Crisis in Development" at the North-South Fellowship Program, Hubert Humphrey Institute of Public Affairs, University of Minnesota, Minneapolis, June 9. He spent the period of June 17 - Aug. 27 in Brazil with a USIS "Academic Specialist" Grant at the service of two research institutes: the Joaquim Nabuco Foundation, Institute for Social Research in Recife, and CEDEC, Center for Studies in Contemporary Culture in Sao Paulo. The following public presentations were made: "Theory and Practice of Participation in Development" sponsored by the Joaquim Nabuco Foundation, Division of Social Sciences, Division of Education, Division of Cultural Affairs, in Recife, July 2,3; five-part course to researchers and professional staff of Joaquim Nabuco Foundation on "Epistemology and Methodology in Interdisciplinary Research," in Recife, July 5,6,9-11; two seminars

on "Approaches to Interdisciplinary Research: Problems and Experiments" for the research staff of CEDEC in Sao Paulo, July 31 and Aug. 10; a lecture on "Incentive Systems as Policy Instruments in Brazil's Development" at CERU (Center for Rural and Urban Studies), University of Sao Paulo, Aug. 8; a seminar on "Theory and Practice of Participation" to the staff and professors of the Law School, Pontifical Catholic University, Sao Paulo, Aug. 10; a seminar on "Incentives as Policy Instruments: Their Application to Three Sectors of Brazilian Development" at the Joaquim Nabuco Foundation, Recife, Aug. 24.

George S. Howard, associate professor and director of graduate studies in psychology, presented two papers at the annual meeting of the American Psychological Association, Aug. 24-28, in Toronto, Canada: "Can There Be an Empirical Science of Volitional Action?" and "The Role of Values in the Science of Psychology." He chaired a symposium presented at the meeting: "Counseling Psychology and Health Behavior: Some Programs and Some Prospects."

Jeffrey C. Kantor, assistant professor of chemical engineering, presented a seminar entitled "Process Alarm Monitoring and Fault Diagnosis" at the Westhollow Research Center of the Shell Development Company, Houston, Tex., on July 16.

Kwan S. Kim, associate professor of economics, delivered a paper entitled "Trade and Industrial Policy for Mexico - Policy Issues and Perspectives," at the North American Economic and Finance Association meeting in Mexico City, July 26. He also organized and chaired a session on "Industrialization of the Less Developed Countries" during the same conference. He presented an invited talk entitled, "Industrial Policy in South Korea, 1960-1980; Lessons for Other Industrializing Countries," at a seminar organized by Nacional Financiera in Mexico City on Aug. 12. On Aug. 21, he presented a paper entitled "Agricultural Policies and Rural Development in Post-Liberation Korea: Lessons for Other Developing Nations," at the Korean Economic Association meeting in Seoul.

Douglas Kinsey, associate professor of art, was invited by Valparaiso University, Valparaiso, Ind., to paint a portrait of the president of the university, Robert V. Schnabel, and he has completed the commission.

John J. Kozak, professor of chemistry in the Radiation Laboratory, spoke on "Theory of Reaction Efficiency in Organized Molecular Assemblies" at the National Meeting of ACS, Philadelphia, Pa., Aug. 27-30.

Robert Lordi, professor of English, received travel grants from NEH and the Jesse H. Jones Faculty Research Travel Fund to conduct research at the University Library, Cambridge, England, from July 12-29 in the preparation of editions of Richardus Tertius and Solymitana Clades, which are to be included in the series Renaissance Latin Drama in England.

Ralph McInerny, Michael P. Grace professor of medieval studies, director of the Medieval Institute, director of the Maritain Center and professor of philosophy, testified at the Catholic Social Teaching and Economic Issues forum, Washington, D.C., Aug. 8.

Kenneth E. Moore, chairman and associate professor of anthropology, was invited by the Merriman Society of Ireland to give a lecture at their summer conference held Aug. 20-26 in Lahinch, County Clare. The theme of this year's program was AN SAGART AGUS AN POBAL, "Priest and People in Ireland."

A. Mozumder, associate faculty fellow in the Radiation Laboratory, spoke on "The Displaced Pseudo-Maxwellian Distribution in Electron Thermalization and Related Problems" at the Seventh European Conference on Atomic and Molecular Physics of Ionized Gases, Bari, Italy, Aug. 28-31.

Robert C. Nelson, associate professor of aerospace and mechanical engineering, presented a seminar entitled "An Experimental Study of the Leading Edge Vortex Structure on Delta Wings" at NASA Ames Research Center, Moffett Field, Calif., Aug. 17. He also presented a lecture entitled "The Role of Flow Visualization in the Study of High Angle of Attack Aerodynamics," as part of a professional seminar series sponsored by the American Institute of Aeronautics and Astronautics (AIAA).

Morris Pollard, professor emeritus of microbiology and director of Lobund Laboratory, served as chairman for the International Symposium on "The Role of Chemicals and Radiation in the Etiology of Cancer" sponsored by Argonne National Laboratory and the University of Chicago, Aug. 26-29.

Paul Roche, visiting professor in the program of liberal studies and poet-in-residence, gave a slide lecture entitled "Duncan Grant: Painter of Bloomsbury" for the Royal Oak Foundation, New York City, May 22. While in New York, he made two records of his work for Recording for the Blind, Inc.: "New Tales from Aesop" and "Enigma Variations And."

Norlin G. Rueschhoff, associate professor of accountancy, presented a paper entitled "International Accounting Standards: Progress Towards Uniformity" at the American Accounting Association annual meeting in Toronto, Canada, on Aug. 16.

Gordon A. Sargent, professor and chairman of metallurgical engineering and materials science, presented an invited review paper entitled "Slurry Erosion of Steels by Coal Particles" at the Second Annual Review of Materials Research Conference, sponsored by the Chicago section of AIME, Argonne National Laboratory, Argonne, Ill., Aug. 23.

Mark Searle, assistant professor of theology, delivered the following talks: "The Ministry of the Word" at the Clergy Convention, Archdiocese of Portland, Ore., Aug. 6-8; "Sunday: A Christian Sabbath," Archdiocesan Liturgy Conference, Detroit, Mich., Aug. 21; "The Notre Dame Study of Catholic

Parish Life," to Associates of N.D. Center for Pastoral Liturgy, (the Associates are graduates of the M.A. program in liturgical studies and they participate in a continuing education program every two years) Notre Dame, Ind., June 22.

Anthony M. Trozzolo, Huisking professor of chemistry, presented an invited talk entitled "Novel Solid-State Constraints in the Photochemistry of Aziridines" at the Symposium on Organic Phototransformations in Non-Homogeneous Media, 188th National Meeting of the American Chemical Society, Philadelphia, Pa., Aug. 29.

Russell G. Wahlers, assistant professor of marketing, presented a paper entitled "Optimal Stimulation Level and Consumer Travel Preferences" (coauthored with Michael J. Etzel, professor of marketing) at the American Marketing Association's Annual Educators' Conference in Chicago, Ill., on Aug. 15.

Kathleen Maas Weigert, assistant director for social analysis in the Center for Social Concerns, and concurrent assistant professor in American Studies, was one of 40 participants accepted for the MIT/Harvard "Summer Program on Nuclear Weapons and Arms Control" held in Cambridge, Mass., from June 17-29.

James F. White, professor of theology, presented a workshop on "Worship and Sacraments," Allegheny College, Meadville, Pa., Aug. 12-16.

K. T. Yang, professor of aerospace and mechanical engineering, presented an invited lecture on "Three-Dimensional Turbulent Buoyant Flow and Heat Transfer in a Conventional Oven," in the Department of Mechanical and Aerospace Engineering at Rutgers University, N.J., on Sept. 5.

# documen- tation

## errata

Due to a printing error, one page of names in the Notre Dame Report Index (Volume 13, Aug. 31, 1984) was inadvertently omitted. We regret the error and have reprinted the page below. Also, names on pp. 605-606 were transposed and replacements with corrected copy are printed on the following pages.

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# academic affirmative action committee review of recruitment efforts and results for academic year 1983-84

The University of Notre Dame's Academic Affirmative Action Committee is charged with the responsibility of conducting an annual review of the Affirmative Action Program in the academic units of the University. Specifically the charge is to determine both the actual results in appointing minority persons and women and the affirmative action efforts towards these objectives. This review concerns the recruitment efforts and results in 1982-83 for the 1983-84 academic year.

The current Affirmative Action goals were established in 1983 for appointments to the regular faculty. The current Affirmative Action Program continues prior programs dating back to 1970.

## Women and Ethnic Minority Faculty Appointments

	<u>71-72</u>	<u>72-73</u>	<u>73-74</u>	<u>74-75</u>	<u>75-76</u>	<u>76-77</u>	<u>77-78</u>	<u>78-79#</u>	<u>79-80</u>	<u>80-81</u>	<u>81-82</u>	<u>82-83</u>	<u>83-84</u>
Total Faculty	748	726	731	734	747	775	793	775#	795	794	822	866	899
Women - All Faculty	44=5.9%	48=6.6%	72=9.7%	64=8.7%	65=8.7%	76=9.8%	85=10.7%	78=10%	104=13%	98=12.3%	113=13.7%	133=15.4%	137=15.2%
Total Teaching and Research Faculty	685	656	664	651	661	674	688	689	700	688	709	748	760
Women - Teaching and Research Faculty	25=3.6%	25=3.8%	44=6.6%	39=6.0%	44=6.7%	51=7.6%	54=7.8%	45=6.5%	69=9.9%	65=9.4%	80=11.3%	96=12.8%	98=12.9%
Minority All Faculty	49=6.5%	50=6.9%	50=6.7%	48=6.5%	49=6.6%	51=6.6%	45=5.7%	76=9.8%	77=9.7%	71=8.9%	76=9.2%	80=9.2%	89=9.9%
Black	9	11	11	15	13	12	11	13	15	14	16	15	14
Asian	35	34	34	27	30	32	28	53	51	47	46	50	50
Hispanic	5	5	5	6	6	7	6	10	10	9	13	14	25
American Indian									1	1	1	1	
Minority - Teaching and Research Faculty	44=6.4%	46=7.0%	43=6.5%	42=6.5%	43=6.5%	42=6.2%	*	55=8.0%	60=8.6%	58=8.4%	59=8.3%	61=8.1%	69=9.0%

\*Some 77-78 data not included due to transition from former to current Affirmative Action Program.

#Beginning with 78-79 faculty have not been included who hold ROTC appointments or who hold Saint Mary's contracts in the joint department of Communication and Theatre.

	<u>Total Excluded</u>	<u>Women Excluded</u>	<u>Minority Excluded</u>
1978-79	18	2	
1979-80	20	5	
1980-81	22	7	
1981-82	22	5	1
1982-83	24	5	4
1983-84	24	6	2

## Women Members of the Faculty

(including Communication and Theatre and ROTC)

1983-84

		<u>Total</u>
<u>Academic Administrators</u>	7	
<u>Teaching and Research</u>		
Professor	4	
Associate Professor	10	
Assistant Professor	32 (37)	
Instructor	9 (10)	
Non-regular	36	
		98 (104)
<u>Library</u>		
Librarian	4	
Associate Librarian	3	
Assistant Librarian	9	
Staff Librarian	2	
Non-regular	1	
		19
<u>Special Professional</u>		
Professional Specialist	2	
Associate Prof. Specialist	5	
Assistant Prof. Specialist	6	
Staff Prof. Specialist	3	
Non-regular		
		16
<u>Special Research</u>		
Faculty Fellow	1	
Assistant Faculty Fellow	2	
Staff Faculty Fellow	1	
Non-regular	1	
		4
Total Women		137 (143)
Total Faculty		899 (923)
Women % of Total		15.2% (15.5%)

# Minority Members of the Faculty 1983-84

<u>Academic Administrators</u>	6	<u>Total</u>
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## Teaching and Research

Professor	18	
Associate Professor	14	
Assistant Professor	17	
Instructor	3	
Non-regular	9	
		67

## Library

Librarian	1	
Assistant Librarian	1	
		2

## Special Professional

Associate Prof. Specialist	4	
Assistant Prof. Specialist	4	
		8

## Special Research

Faculty Fellow	3	
Associate Faculty Fellow	3	
Assistant Faculty Fellow	5	
Staff Faculty Fellow	1	
		12

Total Minority	89
Total Faculty	899
Minority - % of Total	9.9%

	<u>Black</u>	<u>Hispanic</u>	<u>Asian</u>	<u>Total</u>
Teaching and Research	9	17	41	67
Library	1		1	2
Special Professional	3	2	3	8
Special Research	1	6	5	12
	14	25	50	89

## Committee Comments

The University's Academic Affirmative Action Program is designed to encourage approximate equivalence between the representation of minority persons and women on the faculty and their availability for faculty appointments. Department goals for the numbers of minority and women faculty members are based upon the percentage of minority persons and women prepared in that field. The process of goal-setting is a joint effort involving the departments and the Provost's Office. Last performed in 1983, it is subject to annual updating.

The availability of minority persons and women varies from department to department. Affirmative action progress depends in large part on those departments functioning in fields where the availability of minority persons and women is substantial. The following chart indicates that a number of departments function in fields where the estimated availability of women is fairly high and yet the presence of women on the department's regular faculty in 1983-84 was significantly lower.

	% Women on Regular Faculty	% Available
Psychology	11	38
Sociology	8	35
Anthropology	14	38
Microbiology	13	35
Art	21	42
English	19	38
Modern & Classical Languages	21	40
Biology	9	25
Music	14	30
American Studies	20	35
Philosophy	4	18
History	12	25
Earth Science	0	10

Ten of these thirteen departments made appointments to their regular faculty last year. In all, 23 persons were appointed, 11 women and 12 men. It is encouraging to note that about half of these appointments went to women.

Modern and Classical Languages appointed four women, English two, and Anthropology, Biology, History, Music, and Psychology one each.

Sociology and Philosophy each appointed three men, Earth Sciences and Modern and Classical Languages two each, and Biology and History one each.

American Studies, Art, and Microbiology made no appointments to their regular faculties last year.

The availability of minority persons is substantially less than the availability of women. However, a few departments with an availability of five percent or more have no minority representation on their faculties. They are American Studies, Anthropology, Communications and Theatre, Metallurgical Engineering, Music and Theology. Of these, only Anthropology and Music made appointments last year. Each appointed one white person.

It should be noted that 50% of the minority representation on the total faculty is Asian.

In conclusion, the Committee is recommending that those departments functioning in fields where the representation of women and minority persons is substantial make special efforts to achieve their goals. And, as a long-term strategy, that other departments make special efforts to attract women and minority persons to their graduate program.

The Committee realizes that departments seldom appoint their own graduate students to their faculties. But this strategy could perform the salutary function of increasing the overall availability of minority persons and women for academic appointments.

The following tables indicate the results of ongoing efforts to appoint women and ethnic minority faculty.

# Academic Affirmative Action Committee 1983-84 Summaries

\*Updated goals based upon 1984 availability data.

Underscored figures indicate achieved goals.

## College of Arts and Letters

Department	Total	Regular Faculty				Availability/Goals*				Non-Regular Faculty				
		Men	Women	White	Ethnic Minority	Women		Minorities		Total	Men	Women	White	Ethnic Minority
						%	Goal	%	Goal					
American Studies	5	4	1	5	0	35	2	8	0	6	4	2	6	0
Anthropology	7	6	1	7	0	38	2	5	0	1	0	1	1	0
Art	14	11	3	14	0	42	6	3	0	4	4	0	4	0
Comm. & Theatre	7	5	2	7	0	35	<u>2</u>	5	0	0	0	0	0	0
Economics	18	14	4	17	1	12	<u>2</u>	10	2	1	1	0	1	0
English	32	26	6	32	0	38	12	4	1	3	0	3	3	0
Government	19	16	3	18	1	20	4	9	2	4	4	0	4	0
History	17	15	2	17	0	25	4	4	1	1	1	0	1	0
Mod. & Class. Languages	28	22	6	23	5	40	12	12	<u>4</u>	11	3	8	7	4
Music	14	12	2	14	0	30	4	5	1	2	1	1	2	0
Philosophy	28	27	1	27	1	18	5	5	<u>1</u>	7	5	2	7	0
Program of Liberal Studies	12	9	3	11	1	15	<u>2</u>	4	<u>1</u>	2	2	0	2	0
Psychology	18	16	2	17	1	38	7	7	<u>1</u>	6	4	2	6	0
Sociology	13	12	1	10	3	35	5	10	<u>1</u>	4	4	0	4	0
Theology	29	22	7	29	0	15	<u>4</u>	7	2	14	13	1	14	0

# Academic Affirmative Action Committee 1983-84 Summaries

\*Updated goals based upon 1984  
availability data.

Underscored figures indicate  
achieved goals.

## College of Science

Department	Total	Regular Faculty				Availability/Goals*				Non-Regular Faculty				
		Men	Women	White	Ethnic Minority	Women		Minorities		Total	Men	Women	White	Ethnic Minority
						%	Goal	%	Goal					
Biology	22	20	2	20	2	25	5	7	<u>1</u>	8	8	0	8	0
Chemistry	25	22	3	22	3	15	4	3	<u>1</u>	1	1	0	0	1
Earth Sciences	7	7	0	7	0	10	1	2	0	0	0	0	0	0
Mathematics	31	29	2	27	4	15	4	15	<u>4</u>	14	13	1	11	3
Microbiology	8	7	1	7	1	35	3	12	<u>1</u>	7	5	2	7	0
Physics	36	35	1	32	4	6	2	6	<u>2</u>	3	3	0	3	0
<u>College of Engineering</u>														
Aero. & Mech.	26	26	0	18	8	2	0	9	<u>3</u>	5	5	0	4	1
Architecture	9	8	1	8	1	20	2	15	<u>1</u>	3	3	0	3	0
Chemical	8	8	0	6	2	4	0	10	<u>1</u>	2	2	0	2	0
Civil	10	10	0	9	1	2	0	6	<u>1</u>	0	0	0	0	0
Electrical	16	16	0	12	4	3	0	15	<u>2</u>	3	3	0	3	0
Metallurgical	5	4	1	5	0	3	0	7	0	2	2	0	2	0

# Academic Affirmative Action Committee 1983-84 Summaries

\*Updated goals based upon 1984 availability data.

Underscored figures indicate achieved goals.

## College of Business Administration

Department	Total	<u>Regular Faculty</u>				<u>Availability/Goals*</u>				<u>Non-Regular Faculty</u>				
		Men	Women	White	Ethnic Minority	Women		Minorities		Total	Men	Women	White	Ethnic Minority
						%	Goal	%	Goal					
Accountancy	18	17	1	16	2	15	3	5	<u>1</u>	4	4	0	4	0
Finance	19	17	2	15	4	10	<u>2</u>	15	<u>3</u>	2	2	0	2	0
Management	20	19	1	18	2	7	<u>1</u>	8	<u>1</u>	6	5	1	6	0
Marketing	8	8	0	8	0	6	0	1	0	1	1	0	0	1
<u>Law School</u>														
Teaching and Research Faculty	24	20	4	22	2	20	5	6	<u>1</u>	6	4	2	6	0
Library Faculty	6	3	3	5	1	40	<u>2</u>	10	<u>1</u>	0	0	0	0	0
<u>University Libraries</u>	32	17	15	16	1	63	20	9	3	1	0	1	1	0



# Academic Affirmative Action Committee 1983-84 Summaries

\*Updated goals based upon 1984  
availability data.

Underscored figures indicate  
achieved goals.

\*\*Not all personnel in these units  
hold faculty appointments.

## University Centers and Institutes and Other Academic Units

Department	** Total	Regular Faculty				Availability/Goals*				Non-Regular Faculty				
		Men	Women	White	Ethnic Minority	Women		Minorities		Total	Men	Women	White	Ethnic Minority
						%	Goal	%	Goal					
Center for the Study of Man	7	7	0	7	0	14	1	1	0					
Helen Kellogg Inst. for Intl. Studies	15	14	1	7	8	20	3	40	<u>6</u>					
Inst. for Pastoral and Social Ministry	6	4	2	6	0	25	<u>1</u>	10	0					
Inst. for Urban Studies	4	4	0	1	3	45	<u>2</u>	15	<u>1</u>					
Lobund	4	3	1	4	0	25	<u>1</u>	10	0					
Medieval Inst.	4	3	1	3	1	15	<u>1</u>	5	0					
Radiation Lab.	21	19	2	14	7	10	<u>2</u>	20	<u>4</u>					
Archives	1**	0	1	1	0									
Center for Continuing Educ.	4	3	1	4	0	50	2	12	0					
Freshman Year	5	3	2	4	1	40	<u>2</u>	20	<u>1</u>					
Physical Educ.	11	7	4	11	0	45	5	10	1					
Psychological Services	1**	0	1	1	0									
Snite Museum	2**	2	0	2	0									

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# opening mass homily

(Homily preached by Timothy O'Meara, provost of the University, in Sacred Heart Church on Sunday, Sept. 9, at the Mass opening the 143rd Academic Year.)

\* \* \*

Dear colleagues, old and new,

Each September, over the past five years, as I have reflected upon what I would say at the Opening Mass for the academic year, I yearned for Dan Jenky to present me with that perfect set of readings - totally appropriate to the occasion, a "Thou art Peter . . sort of statement, a succinct executive summary - on the search for truth, on the compatibility of faith and reason, on the nature of a university. I would then simply give an eloquent reading and the entire community would become transfixed and then inspired.

As you might have noticed, this has not yet occurred. Nor will it today. Nor, I guess, was it ever meant to be. The Scriptures are concerned with a much broader sphere than academe. Yet surely we are not excluded.

In fact, as we reflect on our lives as teachers and scholars we realize that our work is interlaced with - one might almost say our work is a logical consequence of - our religious heritage. The search for truth and the quest for wisdom are recurring themes in the entire Bible. Job asks

"Where does wisdom come from?

Where is understanding to be found?"

In the New Testament we see Jesus at an early age astonishing the doctors of the law by His knowledge and His wisdom, and throughout His public life teaching through parables with His disciples as His students. Jesus promised that the Holy Spirit would continue to guide us throughout time. We see the presence of the Spirit in the writings of the Fathers, in the growth of monasticism, in the birth of the universities as instruction moved beyond the monasteries and the cathedral schools, even in the growth of the modern secular university. There have always been conflicts between theology and humanism, between humanism and science, and within theology itself - think of Galileo and the Church or, as a modern example, think of science and the creationists of today - but somehow the Spirit has continued to guide us in spite of ourselves. All this is part of our history, and part of the history of the modern secular university too. Our own tradition requires that we continue to pursue the spiritual along with the secular, confident in the integrity of all knowledge and confident that its discovery is part of the revelation of God. So today's Mass of the Holy Spirit reminds us that the life of teaching and scholarship receives sustenance from our religious heritage.

What specifically do we learn from the Readings of the Sunday? In the first reading, God asks Ezekiel to keep a watchful eye on the house of Israel. But He is really addressing all men and women - prophets, teachers, and preachers - who are called upon to be watchmen for the people of God. And so this reading applies in a special way to us at the University. In the second reading, Paul speaks of love as the fulfillment of the law, while in the Gospel Matthew speaks of the power of the community in action and the power of the

community in prayer. Thus our attention this morning is drawn to prophecy, love, and community.

The first reading then is from one of the prophets. Prophecy in the Biblical sense is part of the distant past. There were Old Testament prophets who spoke the word of God directly - generally promising punishment for the wickedness of the people. Then there were the court prophets who did the bidding of the King. In today's usage, a prophet is not someone who is clairvoyant but rather one who speaks ahead of his or her time and thereby leads us in shaping the future. So in that sense all of us at the University are called upon to be prophets (through our teaching and through our creativity) in opening up new horizons for this and future generations.

Ezekiel was a priest as well as a prophet. As such, he held the law and the temple in utmost veneration. Yet, during the siege of Jerusalem, it was Ezekiel who not only admonished the prophets for their silence in the hour of crisis, but also turned to the survivors as they witnessed the destruction of their Holy Temple - offering them a message of hope - a new horizon - the promise that God had indeed not forsaken them. They carried God with them in their hearts. This was to be their temple. Their own personal integrity, their own responsibility toward their neighbor, would determine their own salvation. For Ezekiel, personal responsibility to the community became a realization of the law and the temple.

I wonder what Ezekiel would say about personal integrity today. To silent Christians who, under the guise of separation of church and state, reserve religion for ceremonial occasions and for Sundays. Or to court prophets who manipulate the role of religion in morality and the role of morality in politics in support of their own candidates be they Democrats or Republicans. Perhaps as Catherine LaCugna did this morning he would repeat the word of God to the watchmen of our time:

If you do not speak out to warn the wicked to turn from evil ways,  
they shall die for their guilt,  
but their blood will be on your hands.

What is our role as watchmen to be? What are the limits of our responsibility? What should we do when we are tired and want to rehash old thoughts and personal prejudices in the classroom? Or rework old ideas instead of searching for new ones in our research? Let me borrow from a homily by Saint Gregory the Great on the passage from Ezekiel which we heard today:

Note that any person whom the Lord sends forth as a preacher is called a watchman. A watchman always stands on a height so as to see from afar what is coming. Anyone appointed to be a watchman for the people must stand on a height for all his life to help them by his foresight.

Ideally then one of our tasks is that of watchman. But it is a task which must be nurtured by love of neighbor and love of community. The very word universitas in medieval Latin signified community, and universitas magistrorum et scholarium signified a community of teachers and scholars. All three of today's readings remind us of our responsibilities to the community. For Ezekiel, personal responsibility to the community became a realization of the law. For Paul, love became the fulfillment

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of the law. We must be magnanimous. Rules and regulations are not the fulfillment of the law. We must stand at the top of the mountain and not in the valley. The fulfillment of the law is love. Love of neighbor and love of the community. As Paul reminds us elsewhere,

If I have the gift of prophecy,  
understanding all the mysteries there are,  
and knowing everything,  
but without love,  
then I am nothing at all.

Each one of us has come here today for a variety of reasons. But surely we have all gathered as a community in the name of Jesus - to celebrate the beginning of a new year. Matthew tells us that Jesus is here in our presence and will hear our prayer. This is the mystery. So, following one of the meditations in the Liturgy of the Hours, let us pray for the academic year before us:

God our Father  
Our work is your gift to us,  
A call to new horizons.  
By using our talents for the good of all  
Guide us as we teach and teach us to live  
In the spirit that has made us your sons and daughters  
In the love that has made us your brothers and sisters  
And grant this through Christ our Lord.

Readings

"If you do not warn the wicked,  
They will die,  
But their blood will be on your hands."  
Ezekiel 33:7-9

"Love is the fulfillment of the law."  
Romans 13:8-10

"Where two or three are gathered in my name,  
There am I."  
Matthew 18:15-20

# summary annual report for tiaa/cref retirement annuity for faculty and administrators

This is a summary of the annual report for TIAA/CREF Retirement Annuity for Faculty and Administrators, employer number, 35-0868188, for Jan. 1, 1983 through Dec. 31, 1983. The annual report has been filed with the Internal Revenue Service, as required under the Employee Retirement Income Security Act of 1974 (ERISA).

## BASIC FINANCIAL STATEMENT

Benefits under the plan are provided by individually owned, fully vested annuity contracts issued by Teachers Insurance and Annuity Association and College Retirement Equities Fund. The total payments paid for the plan year ending Dec. 31, 1983 were \$3,139,743.

## YOUR RIGHT TO ADDITIONAL INFORMATION

You have the right to receive a copy of the full annual report or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the Director of Personnel, Personnel Department, Notre Dame, IN (219) 239-5900.

You also have the legally protected right to examine the annual report at the main office of the plan which is the Personnel Department, Notre Dame, IN and at the U.S. Department of Labor in Washington, D.C., or to obtain a copy from the U.S. Department of Labor upon payment of copying costs. Requests to the Department should be addressed to: Public Disclosure Room, N4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, D.C., 20216.

# summary annual report for tiaa/cref tax deferred annuity for faculty and administrators

This is a summary of the annual report for TIAA/CREF Tax Deferred Annuity Plan for Faculty and Administrators, employer number 35-0868188, for Jan. 1, 1983 through Dec. 31, 1983. The annual report has been filed with the Internal Revenue Service, as required under the Employee Retirement Income Security Act of 1974 (ERISA).

## BASIC FINANCIAL STATEMENT

Benefits under the plan are provided by individually owned, fully vested annuity contracts issued by Teachers Insurance and Annuity Association and College Retirement Equities Fund. The total premiums paid for the plan year ending Dec. 31, 1983 were \$357,413.

## YOUR RIGHT TO ADDITIONAL INFORMATION

You have the right to receive a copy of the full annual report or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the Director of Personnel, Personnel Department, Notre Dame, IN (219) 239-5900.

You may also have the legally protected right to examine the annual report at the main office of the plan which is the Personnel Department, Notre Dame, IN and at the U.S. Department of Labor in Washington, D.C., or to obtain a copy from the U.S. Department of Labor upon payment of copying costs. Requests to the Department should be addressed to: Public Disclosure Room, N4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, D.C., 20216.

# advanced studies

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## information circulars

Additional information on all circulars listed may be obtained by calling Extension 7432. Please refer to the circular number.

## humanities

### American Council of Learned Societies Fellowships for Postdoctoral Research

No. FY85-112

Program:

These grants are offered to support original research on Chinese culture or society, including research designed to synthesize or reinterpret the applicants past research in order to produce an original overview of scholarship on any topic or problem of importance in the study of China, but are not intended to support research within the PRC. Applicants are invited from scholars in any discipline of the social sciences or humanities; comparative or multidisciplinary projects can also be supported. Awards will be made on the basis of the quality and scholarly importance of the proposed research, its importance to the development of scholarship on China, and its contribution to knowledge of other areas or disciplines. Support is not given for translation projects unless such work is part of a broader interpretive study. Fellowships are generally awarded for six months to one year of full-time research. Stipends which are adjusted according to need are generally set at one-half the applicants academic salary, not including fringe benefits, less other outside support, plus research expenses, up to a maximum of \$25,000. Normally the cost of travel to Asia for less than six months of research cannot be covered.

Deadline:

November 15, 1984

For Further Information Contact:

American Council of Learned Societies  
Office of Fellowships and Grants  
228 East 45th Street  
New York, NY 10017  
(212) 697-1505

(From 1984 ARIS)

### American Council of Learned Societies Mellon Chinese Summer Language Grants

No. FY85-115

Program:

Grants of approximately \$4,000 each plus tuition and fees will be offered for intensive summer language training in spoken and written Chinese. This training will be undertaken during the summer of 1985 at the Inter-University Program for Chinese Language Studies in Taipei. Preference will be given to scholars at least five years beyond receipt of their doctorates who have in their research shown competence in the use of written Chinese language materials and who have sufficient background and residual capacity in spoken Chinese to make it likely that the recovery of significant oral language skills can be achieved during the eight week program. Support is not provided for basic language instruction or for major language retraining.

Deadline:

February 15, 1985

For Further Information Contact:

American Council of Learned Societies  
Office of Fellowships and Grants  
228 East 45th Street  
New York, NY 10017  
(212) 697-1505

(From 1984 ARIS)

## American Council of Learned Societies Mellon Language Training Fellowships

No. FY85-114

### Program:

Stipends ranging up to \$20,000 plus travel expenses for full-year programs are offered to enable China scholars who have already demonstrated the ability to do research with Chinese language materials to improve their existing skills and to acquire new ones. Support is available for the study of Chinese, Japanese, or other Asian languages that serve as valuable tools in China area studies, but not for research within its PRC. Preference is given to applications for full-time language training at centers of established excellence.

### Deadline:

November 15, 1984

### For Further Information Contact:

American Council of Learned Societies  
Office of Fellowships and Grants  
228 East 45th Street  
New York, NY 10017  
(212) 697-1505

(From 1984 ARIS)

## American Council of Learned Societies Mellon Research and Training Fellowships for Young China Scholars

No. FY85-113

### Program:

Support will be offered to China scholars who have received their doctorates within the last five years for full-year programs in research or study. Doctoral candidates who expect to receive their Ph.D.'s by June 30, 1985 are also eligible to apply. The stipend will range up to \$20,000 plus travel expenses. These fellowships are designed to facilitate the development and enrichment of young China scholars, but are not intended to support research within its PRC. Programs should be carefully designed in consideration of the applicants strengths or weaknesses in training and research experience and long term

professional goals. While research funds may be used to expand the dissertation significantly, preference will be given to scholars beginning new research projects. Study and training programs should be designed to enhance substantially the scholarly capacity of the applicant. These programs of advanced training, of any topic, subject, discipline, or methodology must be undertaken with the close supervision and guidance of expert scholars.

### Deadline:

November 15, 1984

### For Further Information Contact:

American Council of Learned Societies  
Office of Fellowships and Grants  
228 East 45th Street  
New York, NY 10017  
(212) 697-1505

(From 1984 ARIS)

## American Academy in Rome Rome Prize Fellowships

No. FY85-111

### Program:

Fellowships are available to artists and scholars who are U.S. citizens for independent projects to be carried out in residence at the American Academy in Rome. Awards include most meals and living and working quarters. Fields of award include architecture, landscape architecture, design, painting, sculpture, musical composition, classical studies (literature, history, history of art, art and archaeology), post-classical humanistic studies, modern Italian studies (postdoctoral only), humanities, and history of art. The Academy will make a minimum of

one award in each of these fields. Specific awards include:

- National Endowment for the Humanities Postdoctoral Fellowships: Stipend of \$14,000 (plus \$800 travel allowance) for one year to scholars holding the doctorate. Fields of award include classical studies, post-classical humanistic studies (political, economic, cultural and church history, history of literature, and musicology for the period A.D. 300 to A.D. 1800), modern Italian studies, and history of art.
  - National Endowment for the Arts Advanced Fellowships in Design Arts: Stipend of \$5,000 (plus \$800 travel allowance) for six months. Candidates must hold a bachelor's degree or its equivalent from an accredited institution and a license to practice, if one is required in field, and must have had at least seven years professional experience and be currently engaged in practice (in architecture, landscape architecture, planning and design).
  - Graham Foundation for Advanced Studies in Fine Arts Advanced Fellowships in Architecture: Stipend of \$5,000 for six months plus an \$800 travel allowance. Candidates must hold a bachelor's degree or its equivalent from an accredited institution and a license to practice. Candidates must have had at least seven years professional experience and be currently engaged in practice.
- NOTE: Applicants for either of the advanced fellowships may not apply for any of the other fellowships listed.
- NIAE Travelling Award in Architecture: Stipend of \$5,000 for six months to persons receiving degrees in architecture from 1983 to 1985. This is a travelling fellowship funded jointly by NIAE and AAR which allows two months' residence at the American Academy. Room, study, and two meals a day are supplied free of charge by the American Academy. For further information, contact the National Institute of Architectural Education, 30 West 22nd Street, New York, NY 10010.
  - Steedman Fellowship: Stipend of \$11,000 for one year to graduates of accredited architectural schools who have had at least one year of practical experience in the office of a practicing architect. For further information contact the Steedman Fellowships, School of Architecture, Washington University, St. Louis, MO 63130.
  - Andrew W. Mellon Fellowships in the Humanities: Three one-year fellowships of \$15,000 each plus travel allowance, room, study, and partial board at the Academy will be awarded in the fields of classics, art history, and medieval or renaissance studies, one fellowship in each field. These fellowships are intended to provide

an opportunity for scholars and teachers at an early stage in their careers to prepare work for publication in the research environment provided by the Academy library and other collections in Rome. Applicants must have the Ph.D. and, at the time of the appointment, must hold a position as Assistant Professor, or have been appointed Associate Professor, within the previous two years. Fellowships begin in September, 1985.

Deadline:

November 15, 1984

For Further Information Contact:

American Academy in Rome  
41 East 65th Street  
New York, NY 10021  
(212) 535-4250

(From 1984 ARIS)

## American Musicological Society, Inc. Travel Grants

No. FY85-116

Program:

Travel grants, covering the cost of round-trip tourist class fare, are administered by the American Council of Learned Societies (ACLS) to enable American musicologists to attend international meetings abroad. Applicants must have the Ph.D. or the equivalent. The meeting must be international in scope and outside the U.S., Canada or Mexico. Application forms may be obtained from the ACLS, 228 East 45th Street, New York, NY 10017.

Deadline:

November 1\*, 1984, March 1 and July 1, 1985

For Further Information Contact:

American Musicological Society, Inc.  
Prof. Frank Traficante  
Liaison Officer for Travel Grants  
Department of Music  
Claremont Graduate School  
Claremont, CA 91711  
(714) 621-8081

\*The November 1 deadline is for meetings scheduled from March through June, 1985.

(From 1984 ARIS)

## American Philosophical Society Postdoctoral Grants

No. FY85-173

Program:

Grants averaging \$1,500 and not exceeding \$3,500 to individuals for expenses of



research such as necessary travel, meals and lodging, and photocopying. Grants do not pay for salary replacement, working at home, typing, research assistants, and some other items. Awards in all fields, including the social sciences. Applications should be accompanied by three supporting letters.

Deadline:

December 1, 1984, February 1, April 1 and August 1, 1985

For Further Information Contact:

American Philosophical Society  
104 South Fifth Street  
Philadelphia, PA 19106

## American Research Institute in Turkey Fellowships for Study in Turkey

No. FY85-117

Program:

The American Research Institute in Turkey will offer several fellowships for the academic year 1985-86. These grants are for research in Turkey only, and range in amounts from travel stipends (generally for projects or no less than two months duration) to grants for travel and maintenance for up to one year. Grants generally range from \$1,500 to \$4,000. Scholars and advanced graduate students engaged in research in Turkey on ancient, medieval or modern times, in any field of the humanities and social sciences, are eligible.

Deadline:

November 15, 1984

For Further Information Contact:

American Research Institute in Turkey  
Dr. Cecil L. Striker  
President, ARIT  
University Museum  
33rd and Spruce Streets  
Philadelphia, PA 19104  
(215) 898-4781

(From 1984 ARIS)

## American Schools of Oriental Research Fellowships 1985-86

No. FY85-118

Program:

Fellowships for Near Eastern studies in such humanistic disciplines as anthropology,

archaeology, Biblical studies, epigraphy, history, history of art and architecture, literature, philology, prehistory, and topography are available to seminarians, predoctoral students, and postdoctoral scholars. For the four fellowships described below applicants may be citizens or residents of any country and must be affiliated with an institution that is a member of the ASOR corporation or must have been an individual professional member of ASOR for more than two years. Fellowships include:

- Mesopotamian Fellowship: One fellowship of \$5,000 for three to six months of study or research dealing with ancient Mesopotamian civilization or culture, preferably in Iraq or immediately adjacent sections of bordering countries.
- William Foxwell Albright Fellowship: One fellowship of \$5,000 for four to nine months of study or research in the Middle East or eastern Mediterranean.
- Shell Fellowship: One fellowship of \$6,000 for six to nine months of study or research at the American Center of Oriental Research at Amman. Projects involving Islamic studies are especially encouraged.
- George A. Barton Fellowship: One fellowship of three to four months providing a stipend of \$2,000 plus free room and half board for study and research at the Albright Institute of Archaeological Research at Jerusalem. Residence at the Institute is required. This award may not be used during the summer.

Deadline:

November 15, 1984

For Further Information Contact:

American Schools of Oriental Research  
Mitchell Rothman  
Administrative Director  
4243 Spruce Street  
Philadelphia, PA 19104  
(215) 222-4643

(From 1984 ARIS)

## American Schools of Oriental Research National Endowment for the Humanities Postdoctoral Fellowships

No. FY85-119

Program:

Four 12 month fellowships, each carrying a stipend of \$25,000, are available for study

and research in residence at the ASOR centers at Jerusalem and Amman. Two fellowships will be awarded for each center. Each fellowship can be split into two six-month awards which carry a stipend of \$12,500 each. Applicants must be U.S. citizens, native residents of U.S. territorial possessions, or foreign nationals who have lived in the U.S. or its territories for three years immediately prior to submitting an application. The applicants Ph.D. must be completed by January 1, 1985. Membership in ASOR is not required.

In addition to the above-described fellowships, professorships and honorary appointments carrying no stipend are offered at the ASOR institutes and centers in Amman, Jerusalem, and Cyprus. Fulbright fellowships are also available at the ASOR Cyprus American Archaeological Research Institute.

Deadline:  
November 15, 1984

For Further Information Contact:

American Schools of Oriental Research  
Mitchell Rothman  
Administrative Director  
4243 Spruce Street  
Philadelphia, PA 19104  
(215) 222-4643

(From 1984 ARIS)

## Columbia University The Bancroft Prizes

No. FY85-121

Program:

Two annual prizes of \$4,000 each will be awarded for books in American History (including biography) and/or Diplomacy which have been first published in 1984. Applicants should submit four copies of the book. Page-proof copy may be submitted for works to be published after November 1 and before December 31, 1984.

Deadline:  
November 1, 1984

For Further Information Contact:

Columbia University  
Bancroft Prize Committee  
202A Low Memorial Library  
New York, NY 10027  
(212) 280-3811

(From 1984 ARIS)

## Columbia University Postdoctoral Fellowships

No. FY85-122

Program:

A number of postdoctoral fellowships in the humanities carrying a stipend of \$23,000, one half for teaching in the undergraduate general education program, one half for independent research, will be awarded for the academic year 1985-1986. Additional funds are available to support research materials and typing. Applicants must have received the Ph.D. between January 1, 1983 and July 1, 1985.

Deadline:  
November 1, 1984

For Further Information Contact:

Columbia University  
Society of Fellows in the Humanities  
Loretta Nassar, Director  
Heyman Center for the Humanities  
Box 100 Central Mail Room  
70-74 Morningside Drive  
Columbia University  
New York, NY 10027

(From 1984 ARIS)

## Columbia University Senior Fellowships

No. FY85-123

Program:

Two senior fellows will be appointed. Applicants must have held the doctorate and have been teaching full time for at least five years but must not yet have received tenure. Preference will be given to those qualified for promotion to tenure but for whom a tenured position does not currently exist. Candidates must be nominated by the chairmen of their departments or of an appropriate interdepartmental committee, either at Columbia or at their present institution. Individual applicants will not be accepted. Fellows will receive a stipend of \$26,500 in addition to regular faculty benefits. Fellows will teach half-time.

Deadline:  
November 1, 1984

For Further Information Contact:

Columbia University  
Society of Fellows in the Humanities  
Loretta Nassar, Director  
Heyman Center for the Humanities  
Box 100 Central Mail Room

70-74 Morningside Drive  
Columbia University  
New York, NY 10027

(From 1984 ARIS)

## Dumbarton Oaks Fellowships

No. FY85-124

### Program:

A limited number of fellowships in Byzantine Studies (including related aspects of late Roman, early Christian, western medieval, Slavic and Near Eastern studies), Pre-Columbian studies, and the history of landscape architecture is offered each year. Awards are given in the following categories:

- Fellowships: Fellowships of \$8,000 plus housing, \$500 for research expenses, and weekday lunch in the Fellows Building. An additional \$1,000 will be added to the grant amount for each dependent who accompanies the recipient and is without other means of support. Candidates for Fellowships must hold the doctorate or its equivalent and wish to pursue research either on a project of their own or on one sponsored by Dumbarton Oaks. The fellowships as described above are normally awarded for the academic year. Applications are also accepted for either the fall or spring semester or for shorter periods. Stipends for shorter periods are prorated.
- Summer Fellowships: Housing, travel expenses, and a weekly allowance designed to cover basic expenses will be awarded for research at Dumbarton Oaks for periods of from four to ten weeks between June 15 and September 1.

### Deadline:

November 15, 1984

### For Further Information Contact:

Dumbarton Oaks  
The Assistant Director  
1703 - 32nd Street, NW  
Washington, DC 20007  
(202) 342-3232

(From 1984 ARIS)

## The George A. and Eliza Gardner Howard Foundation Fellowships

No. FY85-126

### Program:

Six fellowships carrying stipends of \$15,000 each will be given for a period of one year beginning July 1, 1985 and ending June 30, 1986. The fellowships will support persons in the middle stages of their careers engaged

in independent projects in the following fields: 1) Classics and Archaeology; 2) History of Science; 3) Philosophy; and 4) Religious Studies. Awards are made for projects requiring essentially full-time work over an extended period of time. University faculty members must, therefore, be eligible for sabbatical or other leave, or make other arrangements with the institution involved for time released from normal duties. The Foundation does not accept any direct applications. Application forms are forwarded to candidates only upon the Foundation's acceptance of a suitable nomination submitted according to the following guidelines: 1) for all individuals associated with a college or university, a nomination should be submitted by the president of the institution or a designated representative. Each institution is permitted to nominate two individuals to the Foundation annually; 2) independent scholars and others without institutional connections may be nominated by an editor of a professional journal or a person of equivalent professional standing in the relevant field. Selection of fellows is made by the Administrative Board of the Foundation after applications have been reviewed by a panel of evaluators, each of whom is a recognized expert in his or her field.

### Deadline:

November 1, 1984\*

### For Further Information Contact:

The George A. and Eliza Gardner  
Howard Foundation  
Attn: Mark B. Schupack  
Box 1867  
Brown University  
Providence, RI 02912  
(401) 863-2640

\*Nominations will be accepted between September 1 and November 1, 1984. Completed applications with supporting materials are due December 12.

(From 1984 ARIS)

## General Services Administration Publication Program

No. FY85-109

### Program:

Grants are available to non-profit organizations and institutions and federal, state and local agencies for assistance in funding appropriate publication projects. The purpose of this program is to ensure the dissemination and more general availability of documentary source material important to the study and understanding of U.S. history. Projects should be based upon material of widespread interest among scholars, students, and informed citizens. Documents should have historical value and interest that transcend

local and state boundaries. Grants included in this program may be used for book publication projects as well as microfilm publication projects.

Deadline:

November 15, 1984\*, March 15 and July 15, 1985

For Further Information Contact:

General Services Administration  
National Archives and Records Service  
National Historical Publications  
and Records Commission  
Publications Program  
National Archives Building  
Washington, DC 20408  
(202) 724-1090

\*Certain types of microfilm proposals may be required to meet earlier deadlines.

(From 1984 ARIS)

**Harvard University  
Andrew W. Mellon Faculty Fellowships in the  
Humanities**

No. FY85-125

Program:

Fellowships of \$21,000 for one year's research with limited teaching duties at Harvard are available to non-tenured, experienced junior scholars in the humanities. Applicants must have received the Ph.D. prior to June 30, 1983 and must have completed at least two years of postdoctoral teaching of the humanities at the college or university level, usually as assistant professors, by July 1985.

Deadline:

November 1, 1984

For Further Information Contact:

Harvard University  
Dr. Richard M. Hunt  
Program Director  
Lamont Library 202  
Cambridge, MA 02138  
(617) 495-2519

(From 1984 ARIS)

**Institute of Early American History and Culture  
Postdoctoral Fellowship**

No. FY85-127

Program:

One two-year postdoctoral fellowship (stipend of \$17,000 per year plus a travel allowance) is given each year to a promising young scholar in any area of early American studies.

Applicants must have completed all requirements for the doctorate including a dissertation that shows potential for a significant contribution to scholarship. The fellow will hold the rank of assistant professor at the College of William and Mary and is required to teach one three-hour course each year.

Deadline:

November 15, 1984

For Further Information Contact:

Institute of Early American History  
and Culture  
Director of the Institute  
Box 220  
Williamsburg, VA 23187  
(804) 229-2771

(From 1984 ARIS)

**Institute for the Study of World Politics  
Postdoctoral Awards**

No. FY85-174

Program:

Awards for periods of from 3-9 months for study of selected topics in the areas of arms control and disarmament; Third World development; energy, food, environmental, and population issues; and human rights.

For Further Information Contact:

Institute for the Study of World  
Politics  
823 United Nations Plaza  
New York, NY 10017

**Japan Foundation  
Institutional Project Support Programs**

No. FY85-129

Program:

Grants of varying amounts are awarded to non-profit educational, cultural, or public affairs organizations or institutions. Proposals providing for some measure of cost-sharing by the applicant are encouraged; the Foundation does not provide overhead costs. The following are the principal types of grants:

- Visiting Professorship Program: Grants for periods of one to ten months are awarded to institutions which are planning to invite scholars from Japan to teach or lecture in Japanese studies. This program is also intended for artists-in-residence.
- Staff Expansion Program: This program is designed to provide academic institutions in the U.S. with the means to expand their teaching staffs in Japan-related areas.

Support will be given on a variable matching basis, with the understanding that the recipient institution regards the newly funded position as permanent. The staff member appointed to it must have the normal prospects for acquiring tenure. Support will not exceed three years.

- Research Program: Up to \$15,000 is available to support research projects which are related in substantial part to Japan. The research should be carried out in the U.S.
- Conference/Summer Institute Program: This program is intended to provide limited support for conferences, seminars, and summer institutes relating in substantial part to Japan. These grants are made on a cost-sharing basis; the amount of support will not exceed \$10,000.
- Education Abroad Program: This program is designed to provide limited support for groups of faculty and students intending to travel to Japan to study the Japanese language intensively or to acquire firsthand exposure to Japanese society and culture. Grants of up to \$10,000 may include transportation, living expenses, and tuition or related fees for the participants.

Deadline:  
November 15, 1984

For Further Information Contact:

Japan Foundation  
342 Madison Avenue  
Suite 1702  
New York, NY 10173  
or  
244 South San Pedro Street  
Suite 508  
Los Angeles, CA 90012  
(213) 617-1159

(From 1984 ARIS)

## Japan Foundation Library Support Program

No. FY85-130

Program:  
Twenty institutional grants of up to \$3,000 each for the acquisition of books and academic journals useful in the study of Japanese culture and society. Preference will be given to libraries that are involved in a system of interlibrary cooperation.

Deadline:  
November 15, 1984

For Further Information Contact:

Japan Foundation  
342 Madison Avenue

Suite 1702  
New York, NY 10173  
or  
244 South San Pedro Street  
Suite 508  
Los Angeles, CA 90012  
(213) 617-1159

(From 1984 ARIS)

## Japan Foundation Professional Fellowships

No. FY85-128

Program:  
Professional Fellowships: Monthly stipends of 240,000 to 300,000 yen for 2-12 months are awarded to academic faculty members and other professionals with substantial experience in some aspect of Japanese studies who desire to carry out research in Japan. For full-time research, fellows will also be provided a limited housing and dependency allowance and one round-trip air fare to Tokyo. Scholars whose specialties are not in Japanese studies but who wish to expand their competence in the field are also eligible. The fellowships are also intended for such professionals as writers, translators, librarians, and museum staff members.

Deadline:  
November 15, 1984

For Further Information Contact:

Japan Foundation  
342 Madison Avenue  
Suite 1702  
New York, NY 10173  
or  
244 South San Pedro Street  
Suite 508  
Los Angeles, CA 90012  
(213) 617-1159

(From 1984 ARIS)

## National Endowment for the Humanities Publications Program

No. FY85-110

Program:  
Assistance of up to \$10,000 per single volume is available to commercial or non-profit presses and publishing houses to aid in the publication of research supported by Endowment grants. No publishing house will receive more than a total of \$50,000 in such funds in any one year. Works of the highest merit in any humanistic field which are not the products of previous Endowment-supported research will be eligible for publication

support on a limited basis. No publisher may submit more than two applications for the support of materials of this second kind in any one fiscal year. The November 1, deadline is for projects beginning after April 1, 1985.

Deadline:

November 1, 1984 and May 1, 1985

For Further Information Contact:

National Endowment for the Humanities  
Division of Research Programs  
Room 319  
Research Resources Program  
Publications  
Margot Backas  
1100 Pennsylvania Avenue, NW  
Washington, DC 20506  
(202) 786-0204

(From 1984 ARIS)

## National Endowment for the Humanities Research Grants

No. FY85-171

Program:

Grants to support projects in humanities which include aspects of the social sciences employing historical or philosophical approaches. Grants are awarded in four categories: Project Research; Research Conferences; Travel to Collections; and Humanities, Science and Technology. Projects funded in this program are expected to lead to new knowledge or critical understanding in one or more humanities disciplines and to publishable research projects such as books, monographs, and articles.

Deadline:

Various, depending on category of grant.

For Further Information Contact:

Office of Advanced Studies, Division of  
Research and Sponsored Programs, ext. 7432.

## National Science Foundation Research Grants

No. FY85-172

Program:

In addition to its programs in the natural sciences, NSF awards grants in anthropology, economics, geography, history and philosophy of science, linguistics, political science, psychology, sociology, law and society, and science policy.

For Further Information Contact:

National Science Foundation  
Washington, DC 20550

## Pen American Center Nelson Algren Fiction Award

No. FY85-132

Program:

This award will be given for the best uncompleted novel or short story collection by an American writer who needs financial assistance to complete the work. In addition to a \$1,000 cash stipend, winners are given a month-long residence at The Barn, the Edward Albee Foundation's summer residence for writers and artists at Montauk, New York. Manuscripts should not exceed 75 typed, double-spaced pages. Writers may submit short stories which have been published previously, as long as they are not part of an already published collection of the writer's work. Manuscripts should be accompanied by a clear statement and proof of financial need, such as a copy of last year's income tax return. Manuscripts will not be returned unless they are accompanied by a stamped, self-addressed envelope. The awards will be announced in May, 1985.

Deadline:

November 1, 1984

For Further Information Contact:

Pen American Center  
Attn: Christine Friedlander  
47 Fifth Avenue  
New York, NY 10003  
(212) 255-1977

(From 1984 ARIS)

## Princeton University Hodder Fellowship

No. FY85-133

Program:

One stipend of \$25,000 will be awarded for the pursuit in Princeton of an independent project in the humanities during the academic year of 1985-86. Applicants must be writers or scholars of "more than ordinary intellectual and literary gifts" in the early stages of a career. Candidates for the Ph.D. are not eligible, and preference is given to humanists outside academia. A resume, project proposal, and sample of work (10 pages maximum, not returnable) should be submitted with the application.

Deadline:

November 1, 1984

For Further Information Contact:

Princeton University  
Humanities Council  
122 East Pyne  
Princeton, NJ 08544

(From 1984 ARIS)

## QRL Poetry Series Poetry Collections

No. FY85-134

### Program:

The QRL Poetry Series awards prizes of \$1,000 plus publication to individual poetry collections which range from 50 to 80 pages. The Review publishes five collections in each volume. Translations and verse plays are also eligible for submission. Further information may be obtained by writing to the above address.

### Deadline:

October 31, 1984 and May 31, 1985

### For Further Information Contact:

QRL Poetry Series  
Theodore and Renee Weiss, Editors  
26 Haslet Avenue  
Princeton, NJ 08540

NOTE: Manuscript submissions must be accompanied by a \$15, two volume, subscription to the QRL series and are accepted for reading during the months of May and October only.

(From 1984 ARIS)

## Social Science Research Council Postdoctoral Grants for International Research

No. FY85-175

### Program:

Grants for international research are offered to scholars whose competence for research in the social sciences or humanities has been demonstrated by their previous work and who hold the Ph.D. degree or have equivalent research experience. These programs are designed to support research in one country, comparative research between countries in an area, and comparative research between areas. The following areas are included: Africa, China, Eastern Europe, Japan, Korea, Latin America and the Caribbean, Near and Middle East, South Asia, and Southeast Asia. The grants may be used for travel and research expenses as well as for maintenance, and may be held concurrently with grants from other organizations. Applicants are encouraged to apply both to their universities and to other organizations for support of their research.

### Deadline:

December 1, 1984

### For Further Information Contact:

Office of Advanced Studies, Division of  
Research and Sponsored Programs, ext. 7432.

## The Society for the Humanities Fellowships

No. FY85-135

### Program:

The Society offers six Junior Postdoctoral Fellowships, amounting to \$22,000 for the year's tenure, to support creative research and innovative teaching in the humanities. Applicants must have the Ph.D. and one or more years of college teaching experience. Emphasis is placed on interdisciplinary work on the Society's focal theme which for 1985-86 is non-European traditions in Western civilization.

### Deadline:

November 1, 1984

### For Further Information Contact:

The Society for the Humanities  
Prof. Jonathan Culler  
Director  
Cornell University  
Andrew D. White House  
27 East Avenue  
Ithaca, NY 14853  
(607) 256-4086

(From 1984 ARIS)

## Villa I Tatti Postdoctoral Fellowships 1985-86

No. FY85-137

### Program:

Ten or more fellowships with stipends of up to \$22,000 (most will be considerably less) will be awarded for independent research on any aspect of the Italian Renaissance to be undertaken in residence at Villa I Tatti in Florence. Scholars eligible for these awards may be of any nationality, must hold the Ph.D. or its equivalent, and should be in the earlier stages of their careers. Applicants should submit a curriculum vitae and a description of their project to the Director by the November 1st deadline. Three letters of recommendation should also be received by the Director by the same date. Duplicates of all materials and letters should be sent to Professor Walter Kaiser, 401 Boylston Hall, Harvard University, Cambridge, MA 02138 (tel. (617) 495-2543). I Tatti also offers a limited number of non-stipendiary fellowships for scholars working in Florence on Renaissance subjects with support from other sources. Qualifications and application procedures are the same as those described above.

### Deadline:

November 1, 1984

For Further Information Contact:

Villa I Tatti  
The Harvard University Center  
for Italian Renaissance Studies  
Via di Vincigliata, 26  
50135 Florence  
Italy  
Tel: 603.251

(From 1984 ARIS)

**Wesleyan University Center for the Humanities  
Mellon Postdoctoral Fellowships**

No. FY85-138

Program:

Two fellowships carrying stipends of \$18,000 each plus \$500 for support of research and instruction per year will be awarded to young scholars who have received their Ph.D.s in the last three years. Participation in the program emphasizes interdisciplinary work in the humanities, including problems of pedagogy on the undergraduate level. Fellows will have the opportunity to work with the faculty of Wesleyan University on their research and teaching. All fellows will be expected to participate in the planning and teaching of one course per semester in undergraduate general humanities education and to participate in the work of the Center for the Humanities, an institute of advanced study and research. All fellows are required to reside in Middletown during the tenure of the fellowship.

Deadline:

November 15, 1984

For Further Information Contact:

Wesleyan University Center for  
the Humanities  
95 Pearl Street  
Middletown, CT 06457  
(203) 397-9411, ext. 2566

(From 1984 ARIS)

## fine and performing arts

**Arkansas Arts Center  
12th Annual Toys Designed  
by Artists Exhibition**

No. FY85-120

Program:

Purchase awards totalling \$1,000 will be given in this annual juried show. Artists

from all parts of the country are invited to submit up to three entries in any medium. Works must have been completed in 1983 and 1984. Toys themselves must be sent; slides will not be accepted. All toys given purchase awards will become a part of the Arkansas Art Center Foundation collection at the close of the exhibition. There is a \$7.50 handling fee for each entry. The exhibition will be held from November 30, 1984 through January 2, 1985.

Deadline:

October 29, 1984

For Further Information Contact:

Arkansas Arts Center  
MacArthur Park  
P.O. Box 2137  
Little Rock, AR 72203  
(501) 372-4000

(From 1984 ARIS)

**The John F. and Anna Lee Stacey  
Scholarship Fund Awards**

No. FY85-136

Program:

Several awards, totaling \$4,000, for drawing and painting "in the conservative mode." Applicants must be American citizens aged 18-35.

Deadline:

November 1, 1984

For Further Information Contact:

The John F. and Anna Lee Stacey  
Scholarship Fund  
P.O. Box 2  
Quemado, NM 87829

(From 1984 ARIS)

## social sciences

**ADAMHA-National Institute on Drug Abuse  
Youth Drug Abuse Treatment Research Grants**

No. FY85-139

Program:

The NIDA requests research grant applications for well conceived and rigorously designed



research to assess the efficacy of treatment services for youthful drug abusers, and to identify those process elements which contribute to favorable outcomes. Areas of particular interest are the following: early intervention, problems/needs of adolescents entering treatment for drug abuse, controlled program studies, multi-modality comparison studies of a variety of treatment programs, and diagnostic tools. An amount of up to \$750,000 will be budgeted for supporting new and competing extension (renewal) grants in each of the fiscal years 1984, 1985, and 1986. Applications may request support for a period of up to five years, but most projects do not exceed three years.

Deadline:

November 1, 1984, March 1 and July 1, 1985

For Further Information Contact:

ADAMHA - National Institute on  
Drug Abuse  
Division of Clinical Research  
Treatment Research Branch  
Dr. George Beschner  
Parklawn Building (PKLN)  
Room 10A-30  
5600 Fishers Lane  
Rockville, MD 20857  
(301) 443-4060

(From 1984 ARIS)

## American Philosophical Society Postdoctoral Grants

No. FY85-173

Program:

Grants averaging \$1,500 and not exceeding \$3,500 to individuals for expenses of research such as necessary travel, meals and lodging, and photocopying. Grants do not pay for salary replacement, working at home, typing, research assistants, and some other items. Awards in all fields, including the social sciences. Applications should be accompanied by three supporting letters.

Deadline:

December 1, 1984, February 1, April 1 and August 1, 1985

For Further Information Contact:

American Philosophical Society  
104 South Fifth Street  
Philadelphia, PA 19106

## Institute for the Study of World Politics Postdoctoral Awards

No. FY85-174

Program:

Awards for periods of from 3-9 months for study of selected topics in the areas of arms control and disarmament; Third World development; energy, food, environmental, and population issues; and human rights.

For Further Information Contact:

Institute for the Study of World  
Politics  
823 United Nations Plaza  
New York, NY 10017

## Japan Foundation Institutional Project Support Programs

No. FY85-129

Program:

Grants of varying amounts are awarded to non-profit educational, cultural, or public affairs organizations or institutions. Proposals providing for some measure of cost-sharing by the applicant are encouraged; the Foundation does not provide overhead costs. The following are the principal types of grants:

- Visiting Professorship Program: Grants for periods of one to ten months are awarded to institutions which are planning to invite scholars from Japan to teach or lecture in Japanese studies. This program is also intended for artists-in-residence.
- Staff Expansion Program: This program is designed to provide academic institutions in the U.S. with the means to expand their teaching staffs in Japan-related areas. Support will be given on a variable matching basis, with the understanding that the recipient institution regards the newly funded position as permanent. The staff member appointed to it must have the normal prospects for acquiring tenure. Support will not exceed three years.
- Research Program: Up to \$15,000 is available to support research projects which are related in substantial part to Japan. The research should be carried out in the U.S.
- Conference/Summer Institute Program: This program is intended to provide limited support for conferences, seminars, and summer institutes relating in substantial part to Japan. These grants are made on a cost-sharing basis; the amount of support will not exceed \$10,000.

- Education Abroad Program: This program is designed to provide limited support for groups of faculty and students intending to travel to Japan to study the Japanese language intensively or to acquire firsthand exposure to Japanese society and culture. Grants of up to \$10,000 may include transportation, living expenses, and tuition or related fees for the participants.

Deadline:

November 15, 1984

For Further Information Contact:

Japan Foundation  
342 Madison Avenue  
Suite 1702  
New York, NY 10173  
or  
244 South San Pedro Street  
Suite 508  
Los Angeles, CA 90012  
(213) 617-1159

(From 1984 ARIS)

### Japan Foundation Library Support Program

No. FY85-130

Program:

Twenty institutional grants of up to \$3,000 each for the acquisition of books and academic journals useful in the study of Japanese culture and society. Preference will be given to libraries that are involved in a system of interlibrary cooperation.

Deadline:

November 15, 1984

For Further Information Contact:

Japan Foundation  
342 Madison Avenue  
Suite 1702  
New York, NY 10173  
or  
244 South San Pedro Street  
Suite 508  
Los Angeles, CA 90012  
(213) 617-1159

(From 1984 ARIS)

### Japan Foundation Professional Fellowships

No. FY85-128

Program:

Professional Fellowships: Monthly stipends of 240,000 to 300,000 yen for 2-12 months are

awarded to academic faculty members and other professionals with substantial experience in some aspect of Japanese studies who desire to carry out research in Japan. For full-time research, fellows will also be provided a limited housing and dependency allowance and one round-trip air fare to Tokyo. Scholars whose specialties are not in Japanese studies but who wish to expand their competence in the field are also eligible. The fellowships are also intended for such professionals as writers, translators, librarians, and museum staff members.

Deadline:

November 15, 1984

For Further Information Contact:

Japan Foundation  
342 Madison Avenue  
Suite 1702  
New York, NY 10173  
or  
244 South San Pedro Street  
Suite 508  
Los Angeles, CA 90012  
(213) 617-1159

(From 1984 ARIS)

### National Center for Health Services Research Extramural Research Program

No. FY85-154

Program:

The NCHSR supports investigator-initiated research projects in health services research at universities, non-profit organizations and institutions, and by industry. Areas of program interest include: 1) Health promotion and disease prevention; health status measurement, organization and provider studies; analysis of public and private program interventions, and consumer knowledge, attitudes and behavior. 2) Technology assessment: Studies of specific technologies, utilization of technology in different medical care settings, development of new methods for evaluating medical technology, and development and diffusion of medical technology. 3) The role of market forces in delivering health care services: market and industry structure, expenditure studies, strategies to enhance cost consciousness, and productivity studies. 4) Health information systems: health services data systems, access to medical knowledge, methodological studies, and adoption and diffusion process. Special priority will be given to proposals addressing State and local issues in health services delivery. All extramural research grant applications are reviewed by one of the

NCHSR study sections. Grant application kits and information may be obtained from Mr. Hoke S. Glover, Jr., Chief, Grants Review Branch, NCHSR; (301) 443-3091.

**Deadline:**

November 1, 1984, March 1 and July 1, 1985

**For Further Information Contact:**

National Center for Health Services  
Research  
Division of Extramural Research  
Norman W. Weissman, Ph.D.  
Director  
Park Building, Room 3-18, Stop #2  
5600 Fishers Lane  
Rockville, MD 20857  
(301) 443-2345

(From 1984 ARIS)

## National Endowment for the Humanities

No. FY85-171

**Program:**

Grants to support projects in humanities which include aspects of the social sciences employing historical or philosophical approaches. Grants are awarded in four categories: Project Research; Research Conferences; Travel to Collections; and Humanities, Science and Technology. Projects funded in this program are expected to lead to new knowledge or critical understanding in one or more humanities disciplines and to publishable research projects such as books, monographs, and articles.

**Deadline:**

Various, depending on category of grant.

**For Further Information Contact:**

Office of Advanced Studies, Division of Research and Sponsored Programs, ext. 7432.

## National Science Foundation Division of Behavioral and Neural Sciences Unsolicited Research Proposals

No. FY85-158

**Program:**

The Division is responsible for the support of research on nervous systems and human and animal behavior. Goals are to advance understanding of the biological, environmental, and cultural factors that underlie the behavior of human beings and animals, with explicit emphasis on nervous system structure and function. Clinical research is not supported although other applied research may be considered. Inquiries about support for applied research may be addressed to individual programs or to the Applied Research Coordinator,

Joseph L. Young, Room 320, (202) 357-9898. Programs within the Division also consider proposals for specialized research facilities and equipment, and research conferences and workshops relating to the described areas. Program are offered in the following areas:

Anthropology Program  
Developmental Neuroscience Program  
Integrative Neural Systems Program  
Linguistics Program  
Memory and Cognitive Processes Program  
Molecular and Cellular Neurobiology Program  
Psychobiology Program  
Sensory Physiology and Perception Program  
Social and Developmental Psychology Program

**Deadline:**

Proposals for research may be submitted at any time. Reviewing and processing usually require 6 to 9 months. Applicants are urged to contact program staff regarding any questions about proposal submission.

**For Further Information Contact:**

National Science Foundation  
Directorate for Biological,  
Behavioral and Social Sciences  
Division of Behavioral and Neural  
Sciences  
Richard Louttit  
Division Director  
Room 320  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-7564

(From 1984 ARIS)

## National Science Foundation Research Grants

No. FY85-172

**Program:**

In addition to its programs in the natural sciences, NSF awards grants in anthropology, economics, geography, history and philosophy of science, linguistics, political science, psychology, sociology, law and society, and science policy.

**For Further Information Contact:**

National Science Foundation  
Washington, DC 20550

## Social Science Research Council Postdoctoral Grants for International Research

No. FY85-175

**Program:**

Grants for international research are offered to scholars whose competence for research in the social sciences or humanities has been demonstrated by their previous work and who

hold the Ph.D. degree or have equivalent research experience. These programs are designed to support research in one country, comparative research between countries in an area, and comparative research between areas. The following areas are included: Africa, China, Eastern Europe, Japan, Korea, Latin America and the Caribbean, Near and Middle East, South Asia, and Southeast Asia. The grants may be used for travel and research expenses as well as for maintenance, and may be held concurrently with grants from other organizations. Applicants are encouraged to apply both to their universities and to other organizations for support of their research.

Deadline:  
December 1, 1984

For Further Information Contact:

Office of Advanced Studies, Division of  
Research and Sponsored Programs, ext. 7432.

## science

### American Heart Association-San Francisco Chapter Special Research Award

No. FY85-108

Program:

Supplemental Funds for research sabbatical positions will be provided to facilitate and encourage an exchange of expertise and information between Bay Area and other schools or medical research institutions by furnishing partial support for individuals seeking research sabbatical positions. Funding may be used to facilitate new research or the expansion of existing research programs by senior investigators with at least 5 years faculty or equivalent experience in the field of cardiovascular research. Recipients may either be coming to the San Francisco Bay Area for their sabbatical year or leaving the Bay Area for sabbatical elsewhere. The Doctoral degree is required, and the applicant must have established a record in cardiovascular research. The recipient will receive up to \$25,000 (\$20,000 designated as salary and \$5,000 towards research and/or lab equipment). The grant is not renewable; funds will be available July 1, 1985.

Deadline:  
November 30, 1984

For Further Information Contact:

American Heart Association -  
San Francisco Chapter  
421 Powell Street  
San Francisco, California 94102  
(415) 433-2273

### Department of the Army ARO Extramural Program

No. FY85-142

Program:

Proposals to the Army Research Office for research contracts may be submitted at any time. The major thrust areas in biology are the following:

Combat Ration Research  
Protection of Material and Biodegradation  
Biotechnology  
Defense Against Chemical and Biology Weapons  
Sensory Factors in Performance  
Optimization of Physical Principles in  
Biological Systems

For Further Information Contact:

Department of the Army  
U.S. Army Research Office  
Chemical and Biological Sciences Division  
Dr. Shirley R. Tove, Chief  
Biological Sciences Program  
or Dr. Robert Campbell  
P.O. Box 12211  
Research Triangle Park, NC 27709  
(919) 549-0641

(From 1984 ARIS)

### Department of the Army Medical Research Support

No. FY85-141

Program:

Unsolicited research and development proposals are accepted from colleges and universities, non-profit research institutes, and commercial firms for research aimed at the solution of medical problems of military importance. The program is designed to maintain or restore the health of the individual soldier. Research areas of interest are the following:

Military Disease Hazards Technology  
Combat Casualty Management  
Health Hazards of Military Systems and Combat Operations  
Combat Maxillofacial Injury, Dental Disease and Materials  
Medical Defense Against Chemical Warfare Agents

Deadline:

Unsolicited proposals should be formally submitted to the USAMRDC in time to allow approximately six months for evaluation and processing prior to the desired starting date. Proposals in Military Disease Hazards and Combat Casualty Management should be submitted to arrive at the USAMRDC by January 15

or August 15 to facilitate review by appropriate committees.

For Further Information Contact:

Department of the Army  
U.S. Army Medical Research and  
Development Command  
Commander  
SGRD-RMA  
Fort Detrick  
Frederick, MD 21701  
(301) 663-7325

(From 1984 ARIS)

**Department of the Air Force  
Unsolicited Proposals for Fundamental  
Scientific Research**

No. FY85-140

Program:

The AFOSR sponsors fundamental research in the life sciences in the selected areas of visual and auditory information processing, neuroscience, psychophysiology, and bioenvironmental hazards. Brochures describing the research interests, detailed instructions for the preparation of formal research proposals, and a list of contact persons can be obtained from AFOSR/PKO, Bolling AFB, DC 20332. Before submission of a formal proposal, researchers are encouraged to consult informally with the appropriate scientific directorate in order to determine AFOSR's possible interest in a project. In addition, the Office sponsors research programs for selected faculty members of colleges or universities through the University Resident Research Program and the Summer Faculty Program. Further information on these latter programs can be obtained from Major Amos Otis, Program Manager, Special Faculty Programs, AFOSR/XOT, Bolling AFB, DC 20332; (202) 767-4971.

For Further Information Contact:

Department of the Air Force  
Air Force Office of Scientific  
Research  
Life Sciences Directorate  
Dr. R.K. Dismukes, Director  
Building 410, Room A 219  
Bolling AFB, DC 20332  
(202) 767-4278

(From 1984 ARIS)

**Department of the Energy  
Health and Environmental Research**

No. FY85-144

Program:

The Office of Health and Environmental  
Research (OHER) supports long-term, multi-

disciplinary research specifically related to the range of environmental and health issues anticipated in the expansion of existing energy technologies and in the development of new sources of energy. The research aims to identify, before a technology is made permanent, the early and late effects, if any, on human health and the environment. Research is carried out through the following four Divisions:

Health Effects Research  
Human Health and Assessment  
Physical and Technological Research  
Ecological Research

For Further Information Contact:

Department of Energy  
Office of Energy Research  
Office of Health and Environmental  
Research  
Dr. C.W. Edington  
Associate Director  
F-208, Germantown  
Washington, DC 20545  
(301) 353-3251

(From 1984 ARIS)

**Department of the Energy  
University—DOE Laboratory  
Cooperative Program**

No. FY85-145

Program:

Program categories include: Faculty Research Participation, Student Research Participation, Laboratory Graduate Research Participation, and Thesis Parts Research Participation. Program information, application procedures, and deadlines can be obtained from the facility of interest. The twenty facilities are listed in the DOE Information Guide, DOE-ER-0043/1 (Rev '80) which can be ordered from the address below.

Deadline:

Each laboratory has its own deadlines. The laboratories should be contacted in November-January of each year.

For Further Information Contact:

Department of Energy  
Office of Energy Research  
Office of Field Operations Management  
University and Industry  
Programs Division  
Forrestal Building  
1000 Independence Avenue, SW  
Washington, DC 20585  
(202) 252-6833

(From 1984 ARIS)

## Department of the Energy Used Energy-Related Laboratory Equipment Grants

No. FY85-146

### Program:

Used energy-related laboratory equipment is available from the DOE to any non-profit educational institution of higher learning for energy-oriented educational programs in the life, physical and environmental sciences and engineering. The responsibility for location of specific equipment rests with the requesting institution. Specific inquiries concerning equipment should be directed to the office handling university relations at the DOE Field Offices. Shipping costs are to be borne by the institution requesting the grant. Further information, including proposal guidelines and the location of equipment lists, can be obtained from the brochure, "Instruction and Information on Used Energy-Related Laboratory Equipment Grants for Educational Institutions of Higher Learning," DOE/ER-0042/1, available from Dr. Barker's office.

### For Further Information Contact:

Department of Energy  
Office of Energy Research  
Office of Field Operations Management  
University and Industry  
Programs Division  
Dr. Larry L. Barker  
Mail Stop 3F-061  
1000 Independence Avenue, SW  
Washington, DC 20585  
(202) 252-6833

(From 1984 ARIS)

## Department of the Navy Research and Technology Program

No. FY85-143

### Program:

The Special Focus Programs of the Biological Sciences Division are electromagnetic field effects (bioelectromagnetics), immunological defense, behavioral immunology, biomolecular engineering, and learning and memory. The Biological Science Division includes the following programs:

Cellular Biosystems  
Molecular Biology  
Physiology-Neurobiology

### For Further Information Contact:

Department of the Navy  
Office of Naval Research  
Biological Sciences Division

Code 441  
800 North Quincy Street  
Arlington, VA 22217

(From 1984 ARIS)

## Environmental Protection Agency Cooperative Agreements

No. FY85-149

### Program:

The EPA sponsors research supported through cooperative agreements with ORD laboratories. Those interested in these aspects of EPA's research and development program are encouraged to consult directly with officials at the EPA laboratories. A list of these laboratories can be obtained from the address below.

### For Further Information Contact:

Environmental Protection Agency  
Office of Research and Development  
Office of Research Grants and Centers  
(RD-675)  
Dr. Clarice Gaylord, Director  
Room M3818  
401 M Street, SW  
Washington, DC 20460  
(202) 382-5744

(From 1984 ARIS)

## Environmental Protection Agency Extramural Research Program

No. FY85-147

### Program:

EPA's Office of Research and Development (ORD) supports environmentally related research in the scientific and academic community through grants, contracts and cooperative agreements. Offices of interest to the biomedical community include the Office of Exploratory Research (see below), the Office of Health and Environmental Assessment (Program Office, M3700, (202) 382-7315), and the Office of Health Research (Program Operations, M3802, (202) 382-5891). Further information on specific programs within these offices, as well as EPA laboratories throughout the U.S., can be found in the EPA Research Program Guide for FY 1984 which is still current. The Guide can be obtained from the Center for Environmental Research Information, EPA, 26 W. St. Clair, Cincinnati, OH 45268; (513) 684-7562.

### For Further Information Contact:

Environmental Protection Agency  
Office of Research and Development  
Assistant Administrator  
RD-672  
401 M Street, SW

Washington, DC 20460  
(202) 382-7676

(From 1984 ARIS)

## Environmental Protection Agency Research Grant Program

No. FY85-148

### Program:

Long-term exploratory environmental research is managed by ORD's Office of Exploratory Research. The program is comprised of two components, environmental research centers and the grants assistance program which supports individual investigators. All grantees must provide a minimum of 5% of the total project cost. Application forms, instructions and other information are available in the EPA Research Grant Application/Information Kit available from the address below. The four research areas of interest to EPA are the following:

Environmental Health  
Environmental Biology  
Environmental Engineering  
Environmental Chemistry and Physics

### Deadline:

Although there are no deadlines for submitting research grant applications, it is recommended that submissions be made as early as possible in the fiscal year (which begins on October 1). Approved proposals required a minimum of six months to be funded.

### For Further Information Contact:

Environmental Protection Agency  
Office of Research and Development  
Office of Research Grants and Centers  
(RD-675)  
Dr. Clarice Gaylord, Director  
Room M3818  
401 M Street, SW  
Washington, DC 20460  
(202) 382-5744

(From 1984 ARIS)

## Food and Drug Administration RFA—Cooperative Agreement for Studies of Effects of Marketed Drugs

No. FY85-151

### Program:

The FDA has announced the anticipated availability of approximately \$1,200,000 in FY 1985 for cooperative agreements with any public or private non-profit organization and for-profit organizations to support research on drug use and possible adverse effects of marketed drugs. The FDA anticipates making two or three awards averaging \$200,000 to \$500,000 to support studies of possible adverse drug reactions in general and may

consider making several smaller awards in the range of \$20,000 to \$50,000 for studies of specialized study populations, patient groups, or of limited numbers of drugs. Support for this program may be for a period of up to three years.

### Deadline:

October 1, 1984

### For Further Information Contact:

Food and Drug Administration  
Center for Drugs and Biologics (HFN-700)  
Gerald A. Faich  
5600 Fishers Lane  
Parklawn Building  
Rockville, MD 20857  
(301) 443-4227

(From 1984 ARIS)

## Food and Drug Administration Research Grants

No. FY85-150

### Program:

These grants are awarded to carry out studies in the following areas: 1) Prevention, rapid diagnosis, emergency treatment, and treatment of the acute exposure to poisonous and toxic materials; 2) Studies in the drug field related to the safety and effectiveness of drugs and in vitro diagnostic products, improvement of clinical evaluation techniques, animal models, adverse reactions, drug metabolism, food and drug interactions, bioavailability assessment on generic equivalency of drugs and analysis of patterns of use of drugs in clinical medicine; 3) Studies dealing with animal toxicology, endocrinology, pharmacology, productivity, and nutrition; 4) Studies of safety aspects of medical devices and studies dealing with the reliability of such devices as affects safety; and 5) Investigations of electromagnetic radiations (including ionizing, microwave, radio-frequency, ultraviolet, visible light, and infrared), magnetic fields, infrasound, sound, and ultrasound as they affect humans.

### Deadline:

November 1, 1984, March 1 and July 1, 1985

### For Further Information Contact:

Food and Drug Administration  
Division of Contracts and Grants  
Management  
State Contracts and Assistance  
Agreements Branch  
Helen M. Crown, Chief  
Room 12A-27  
5600 Fishers Lane  
Parklawn Building  
Rockville, MD 20857  
(301) 433-6170

(From 1984 ARIS)

## National Aeronautics and Space Administration Life Sciences Program

No. FY85-152

### Program:

Colleges and universities may submit unsolicited proposals in the following biomedical research areas: Biomedical Research (Dr. Rambaut, (202) 453-1537); Gravitational Biology (Dr. Halstead, (202) 453-1525); Exobiology (Dr. Devincenzi, (202) 453-1525); Biospheric Research (Dr. Rambler, (202) 453-1525); Life Support (Dr. Bredt, (202) 453-1525); Operational Medicine (Dr. Bielstein, (202) 453-1525); and Motion Sickness (Dr. Rambaut (202) 453-1537). Specific information on the various topics within each area can be obtained from the contact person listed or the Director, Dr. Nicogossian. NASA has established new procedural rules for unsolicited proposals. The new provisions offer organizations and individuals guidance in submitting unsolicited proposals, including a proposed format, and require that at least five copies of each proposal be submitted to NASA well in advance of a project's starting date. Proposals should be sent to NASA, Office of Space Science and Applications, Code EPM, Washington, DC 20546; (202) 453-1752.

### For Further Information Contact:

National Aeronautics and Space  
Administration  
Office of Space Science  
and Applications  
Life Sciences Division  
Arnauld E. Nicogossian, M.D.,  
Director  
Code EB  
Washington, DC 20546  
(202) 453-1530

(From 1984 ARIS)

## National Aeronautics and Space Administration Research Associate Awards in Space Biology

No. FY85-153

### Program:

NASA is offering several research associate awards for scientists to work in laboratories capable of providing scientific advice and facilities relevant to space biology. The awards will vary from \$15,000 to \$19,000 based on experience. Eligible applicants must be U.S. citizens having the Ph.D., D.Sc., M.D., D.D.S., or D.V.M. For information/application forms, contact D. X.J. Musacchia, Chairman, NASA Award Committee, Graduate School, University of Louisville, Louisville, KY 40292 or Dr. Halstead. The October 1 deadline is for January 1 funding and the April deadline is for July 1 funding.

### Deadline:

October 1, 1984 and April 1, 1985

### For Further Information Contact:

National Aeronautics and Space  
Administration  
Office of Space Science  
and Applications  
Life Sciences Division  
Dr. Thora W. Halstead  
Space Biology Research  
Associates Program  
Washington, DC 20546

(From 1984 ARIS)

## National Center for Health Services Research Extramural Research Program

No. FY85-154

### Program:

The NCHSR supports investigator-initiated research projects in health services research at universities, non-profit organizations and institutions, and by industry. Areas of program interest include: 1) Health promotion and disease prevention; health status measurement, organization and provider studies; analysis of public and private program interventions, and consumer knowledge, attitudes and behavior. 2) Technology assessment: Studies of specific technologies, utilization of technology in different medical care settings, development of new methods for evaluating medical technology, and development and diffusion of medical technology. 3) The role of market forces in delivering health care services: market and industry structure, expenditure studies, strategies to enhance cost consciousness, and productivity studies. 4) Health information systems: health services data systems, access to medical knowledge, methodological studies, and adoption and diffusion process. Special priority will be given to proposals addressing State and local issues in health services delivery. All extramural research grant applications are reviewed by one of the NCHSR study sections. Grant application kits and information may be obtained from Mr. Hoke S. Glover, Jr., Chief, Grants Review Branch, NCHSR; (301) 443-3091.

### Deadline:


November 1, 1984, March 1 and July 1, 1985

### For Further Information Contact:

National Center for Health Services  
Research  
Division of Extramural Research  
Norman W. Weissman, Ph.D.  
Director  
Park Building, Room 3-18, Stop #2  
5600 Fishers Lane  
Rockville, MD 20857  
(301) 443-2345

(From 1984 ARIS)





## National Institutes of Health—National Cancer Institute Characterization of Multi-Drug Resistant Human and Other Mammalian Tumor Cell Lines

No. FY85-156

### Program:

The NCI is seeking grant applications for support of research projects to identify and characterize multi-drug resistant tumor cells in order to increase understanding of drug resistance phenomena and develop therapeutic strategies to overcome or circumvent the problem. The NCI wishes to stimulate applications for grants which propose to develop and characterize multi-drug resistant human or mammalian tumor cell lines which have potential for studies on new antitumor agents. The primary emphasis in applications should be on elucidating the mechanism of resistance in multi-drug resistant cell populations. Multi-drug resistant cells may be selected in vitro or derived directly from patients or animals bearing tumors which have been shown to be resistant to chemotherapy. While the specific approaches and methods for development and characterization of the resistant cells will be left to the applicant, it is suggested that the following areas be addressed in the application: mechanism(s) of multi-drug resistance; stability of the drug resistant phenotype; extent of cross resistance; tumorigenicity of the drug resistant cells; and verification of the origin of the cells.

### Deadline:

November 1, 1984, March 1 and July 1, 1985

### For Further Information Contact:

NIH - NCI  
Division of Cancer Treatment  
Developmental Therapeutics Program  
Drug Evaluation Branch  
Dr. Robert Shoemaker  
Acting Head, Cell Culture Section  
Blair Building, Room 419  
Bethesda, MD 20205  
(301) 427-8700

(From 1984 ARIS)

## National Institutes of Health—National Cancer Institute RFA—Basic Research in Factors Influencing Nuclear Magnetic Resonance (NMR) Relaxation Times in Biological Tissues

No. FY85-155

### Program:

The Division of Cancer Treatment of the NCI invites investigator-initiated research grant

applications for basic studies to elucidate quantitatively the factors and mechanisms which influence and determine the T<sub>1</sub> and T<sub>2</sub> NMR relaxation times in in vitro systems and normal and abnormal mammalian tissues. The objective is to encourage creatively designed, basic experimental studies of the properties of biological materials and tissues in magnetic fields and of the physical and biological phenomena which influence and determine the T<sub>1</sub> and T<sub>2</sub> NMR relaxation times. The ultimate purposes of acquiring this knowledge are potentially to permit definitive noninvasive characterization of tissues by NMR and to enhance the abilities of NMR clinicians of the future to obtain superior imaging and tissue characterization information and to interpret its diagnostic significance. The intent is to fund approximately four to eight projects with total program costs for all grants equal to about \$750,000 in FY 1985. The total project period should be typically three years to a maximum of five years.

### Deadline:

November 15, 1984

### For Further Information Contact:

NIH - NCI  
Division of Cancer Treatment  
Radiation Research Program  
Diagnostic Imaging Research Branch  
Mr. Roger S. Powell  
Program Director  
Landow Building, Room 8C09  
Bethesda, MD 20814  
(301) 496-9531

(From 1984 ARIS)

## Nuclear Regulatory Commission Health Research Program

No. FY85-170

### Program:

Unsolicited grant and contract proposals are accepted to support research on the biological effects of ionizing radiation. Prior to preparation and submission of a formal proposal, the applicant is urged to contact the NRC Program Office. There is no deadline for submitting applications since decisions on funding are made on a priority based on need within the available budget. A brochure entitled, "Guide for the Submission of Confirmatory Research and Technical Assistance Unsolicited Proposals by Educational Institutions," (NR-DC-001) is available from Judith D. Foulke, Health Effects Branch, (301) 427-4563.

### For Further Information Contact:

Nuclear Regulatory Commission  
Office of Nuclear Regulatory Research

Division of Radiation Programs  
and Earth Sciences  
Health Effects Branch  
Dr. William A. Mills, Chief  
Willste Building, Room 1046  
7915 Eastern Avenue  
Washington, DC 20555  
(301) 427-4353

(From 1984 ARIS)

### **National Science Foundation Division of Behavioral and Neural Sciences Unsolicited Research Proposals**

No. FY85-158

Program:

The Division is responsible for the support of research on nervous systems and human and animal behavior. Goals are to advance understanding of the biological, environmental, and cultural factors that underlie the behavior of human beings and animals, with explicit emphasis on nervous system structure and function. Clinical research is not supported although other applied research may be considered. Inquiries about support for applied research may be addressed to individual programs or to the Applied Research Coordinator, Joseph L. Young, Room 320, (202) 357-9898. Programs within the Division also consider proposals for specialized research facilities and equipment, and research conferences and workshops relating to the described areas. Program are offered in the following areas:

Anthropology Program  
Developmental Neuroscience Program  
Integrative Neural Systems Program  
Linguistics Program  
Memory and Cognitive Processes Program  
Molecular and Cellular Neurobiology Program  
Psychobiology Program  
Sensory Physiology and Perception Program  
Social and Developmental Psychology Program

Deadline:

Proposals for research may be submitted at any time. Reviewing and processing usually require 6 to 9 months. Applicants are urged to contact program staff regarding any questions about proposal submission.

For Further Information Contact:

National Science Foundation  
Directorate for Biological,  
Behavioral and Social Sciences  
Division of Behavioral and Neural  
Sciences  
Richard Louttit  
Division Director  
Room 320  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-7564

(From 1984 ARIS)

### **National Science Foundation Directorate for Engineering Unsolicited Research Proposals**

No. FY85-161

Program:

Grants are made for both basic and applied research projects in the following areas of interest to biomedical researchers:

Chemical and Biochemical Processes Program  
Renewable Materials Engineering Program  
Engineering Energetics Program

For Further Information Contact:

National Science Foundation  
Directorate for Engineering  
Division of Chemical and Process  
Engineering  
Dr. Marshall M. Lih  
Division Director  
Room 1126  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-9606

(From 1984 ARIS)

### **National Science Foundation Grants for Multiuser Research Equipment**

No. FY85-159

Program:

Grants are awarded by NSF for multiuser research equipment to investigators within the same department or from different departments, a school, an institution, or a region. Investigators may be working in related areas or conducting multidisciplinary research. Competition will be limited to single pieces of equipment or multiple-component systems generally costing more than \$15,000. Proposals must include a justification for the piece of equipment desired. Awards are made for the capital costs of equipment only. Applicants should contact the appropriate program for further information.

For Further Information Contact:

National Science Foundation  
Directorate for Biological,  
Behavioral and Social Sciences  
Division of Behavioral and Neural  
Sciences  
Richard Louttit  
Division Director  
Room 320  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-7564

(From 1984 ARIS)

## National Science Foundation Information Science Program

No. FY85-160

### Program:

Grants are awarded for research to increase understanding of the properties and structure of information and information transfer. Support is provided for research on the structural properties of information collections and on statistical theories of information structures, including their application to document and fact retrieval. There is special emphasis on investigations of human information processing, including aspects of learning, memory, problem solving, and pattern recognition that relate to information-processing principles.

### For Further Information Contact:

National Science Foundation  
Directorate for Biological,  
Behavioral and Social Sciences  
Division of Information Science  
and Technology  
Ronald Yager  
Program Director  
Room 336  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-9554

(From 1984 ARIS)

## National Science Foundation Industry/University Cooperative Research Projects

No. FY85-162

### Program:

NSF provides grants for the support of cooperative research projects between universities and industrial firms. To qualify for support, proposals must be prepared jointly by academic and industrial researchers and must be submitted jointly by their respective institutions. Their research should focus on fundamental scientific and engineering questions of a basic or applied nature rather than on commercial product development. Eligible applicants include colleges and universities, and established profit-making industrial firms, including small businesses. Cooperating institutions must represent bona fide independent operations, as evidenced by the absence of interlocking relationships. Consideration will be given to proposed research that may be expected to make a long-term contribution toward product and/or process innovation, or to provide knowledge as a foundation for new or improved technologies. All grants made by NSF Industry/University Cooperative Research Program will be sponsored jointly by at least one other NSF program. Accordingly, such proposals should

be identified on the cover page as being simultaneously submitted to two NSF programs.

### For Further Information Contact:

National Science Foundation  
Directorate for Scientific,  
Technological and International  
Affairs  
Division of Industrial Science and  
Technological Innovation  
Dr. Frederick Betz  
Room 1250  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-7784

(From 1984 ARIS)

## National Science Foundation Minority Research Initiation

No. FY85-163

### Program:

This program provides support for full-time minority faculty individuals who are nationals of the U.S. and who wish to establish quality research efforts on their campuses. Scientists must have full-time status at colleges or universities in the U.S. which have academic programs in the sciences and engineering. Proposals may be submitted by any minority faculty member of an institution who has not received any federal research support as a faculty member. Cooperative research proposals between eligible scientists at different institutions may also be submitted. Projects will be supported up to a maximum period of 36 months. In the past, awards have averaged about \$30,000 per year.

### For Further Information Contact:

National Science Foundation  
Directorate for Scientific,  
Technological and International  
Affairs  
Division of Research Initiation  
and Improvement  
Dr. Roosevelt Calbert  
Room 1144  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-7350

(From 1984 ARIS)

## National Science Foundation Unsolicited Research Proposals

No. FY85-157

### Program:

Grants are available for research that is directed toward a better understanding of how

organisms regulate their metabolic and physiological activities, reproduce, grow and age and, in physical and chemical terms, how these life processes occur at the molecular, subcellular and organismal levels. The Divisions also consider proposals to support acquisition of research equipment for shared use by several scientists, research conferences, meetings and workshops. The Divisions do not, however, support clinical research or research directed toward clinical goals. Proposals dealing with research involving recombinant DNA-generated in vitro should take into account the guidelines adopted by the DHHS and outlined in the Federal Register, Vol. 48, No. 106, June 1, 1983, beginning on page 24556. For further information, contact Dr. William Gartland, Jr., at (301) 496-6051. The former Division of Physiology, Cellular and Molecular Biology has recently reorganized into the Divisions of Molecular Biosciences and Cellular Biosciences. Program areas are as follows:

Cell Biology Program  
Cellular Physiology Program  
Developmental Biology Program  
Eucaryotic Genetics Program  
Regulatory Biology Program  
Alternative Biological Resources Program  
Biochemistry Program  
Biophysics Program  
Metabolic Biology Program  
Procaryotic Genetics Program

Deadline:

November 1, 1984\*, February 1 and July 1, 1985

For Further Information Contact:

National Science Foundation  
Directorate for Biological,  
Behavioral and Social Sciences  
Division of Molecular Biosciences  
James H. Brown  
Division Director  
Room 325  
1800 G Street, NW  
Washington, DC 20550

(From 1984 ARIS)

## engineering

### National Science Foundation Directorate for Engineering Unsolicited Research Proposals

No. FY85-161

Program:

Grants are made for both basic and applied research projects in the following areas of interest to biomedical researchers:

Chemical and Biochemical Processes Program  
Renewable Materials Engineering Program  
Engineering Energetics Program

For Further Information Contact:

National Science Foundation  
Directorate for Engineering  
Division of Chemical and Process  
Engineering  
Dr. Marshall M. Lih  
Division Director  
Room 1126  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-9606

(From 1984 ARIS)

### National Science Foundation Industry/University Cooperative Research Projects

No. FY85-162

Program:

NSF provides grants for the support of cooperative research projects between universities and industrial firms. To qualify for support, proposals must be prepared jointly by academic and industrial researchers and must be submitted jointly by their respective institutions. Their research should focus on fundamental scientific and engineering questions of a basic or applied nature rather than on commercial product development. Eligible applicants include colleges and universities, and established profit-making industrial firms, including small businesses. Cooperating institutions must represent bona fide independent operations, as evidenced by the absence of interlocking relationships. Consideration will be given to proposed research that may be expected to make a long-term contribution toward product and/or process innovation, or to provide knowledge as a foundation for new or improved technologies. All grants made by NSF Industry/University Cooperative Research Program will be sponsored jointly by at least one other NSF program. Accordingly, such proposals should be identified on the cover page as being simultaneously submitted to two NSF programs.

For Further Information Contact:

National Science Foundation  
Directorate for Scientific,

Technological and International  
Affairs  
Division of Industrial Science and  
Technological Innovation  
Dr. Frederick Betz  
Room 1250  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-7784

(From 1984 ARIS)

## National Science Foundation Minority Research Initiation

No. FY85-163

### Program:

This program provides support for full-time minority faculty individuals who are nationals of the U.S. and who wish to establish quality research efforts on their campuses. Scientists must have full-time status at colleges or universities in the U.S. which have academic programs in the sciences and engineering. Proposals may be submitted by any minority faculty member of an institution who has not received any federal research support as a faculty member. Cooperative research proposals between eligible scientists at different institutions may also be submitted. Projects will be supported up to a maximum period of 36 months. In the past, awards have averaged about \$30,000 per year.

### For Further Information Contact:

National Science Foundation  
Directorate for Scientific,  
Technological and International  
Affairs  
Division of Research Initiation  
and Improvement  
Dr. Roosevelt Calbert  
Room 1144  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-7350

(From 1984 ARIS)

## general

## National Science Foundation Eastern Europe Cooperative Science Programs: Bulgaria, Hungary, and Romania

No. FY85-168

### Program:

Grants to U.S. universities and colleges,  
professional societies, research institutes,

and individual scientists employed by such organizations for programs to foster and support scientific and technological cooperation between the U.S. and Bulgaria, Hungary, and Romania. The programs offer financial support for three types of activities: Cooperative research projects, seminars and workshops, and scientific visits for planning purposes. Proposals must be submitted to NSF by American institutions, and to the appropriate foreign agency by foreign institutions. Proposals should be prepared according to standard NSF guidelines, but must also contain a section on "International Cooperation" which describes the cooperative aspects of the work plan and the mutual benefits to be obtained.

### Deadline:

Proposals for joint research should be submitted at least nine months before the requested starting date; for seminars, 12 months, and for short-term visits, six months.

### For Further Information Contact:

National Science Foundation  
Directorate for Scientific,  
Technological and International  
Affairs  
Division of International Programs  
Special Programs Section  
Eastern Europe  
Deborah Wince, Program Director  
Room 1214  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-9516

(From 1984 ARIS)

## National Science Foundation U.S.-Africa Program

No. FY85-167

### Program:

The NSF supports U.S. participation in projects with African countries, even though it may not have formal bilateral arrangements. Cooperative research projects, seminars/workshops, and scientific visits may be supported. Contact Dr. Shinaishin for further information about a particular country.

### For Further Information Contact:

National Science Foundation  
Directorate for Scientific,  
Technological and International  
Affairs

Division of International Programs  
Developing Countries Section  
Osman Shinaishin  
Senior Program Manager  
Africa/South Asia  
Room 1208  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-9402

(From 1984 ARIS)

### **National Science Foundation U.S.-Belgium Cooperative Science Program**

No. FY85-164

Program:

Types of projects supported are cooperative research visits by principal investigators from the U.S. and Belgium for collaboration on research projects to be performed in the scientists' home laboratories, joint seminars to fund up to six U.S. participants, and long-term research visits for research to be performed in the host laboratory over a period of four to twelve months.

For Further Information Contact:

National Science Foundation  
Directorate for Scientific,  
Technological and International  
Affairs  
Division of International Programs  
Industrial Countries Section  
Kenneth Hancock  
Program Director  
Room 1201  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-7554

(From 1984 ARIS)

### **National Science Foundation U.S.-China Cooperative Science Program**

No. FY85-169

Program:

This program emphasizes Cooperative Research Projects and supports a limited number of Joint Seminars and Short-Term Visits by U.S. scientists to China for the purpose of completing cooperative research proposals. Fields of science in which proposals may be submitted are: plant sciences; earth sciences; engineering sciences; information sciences (including artificial intelligence and pattern recognition); international studies, archaeology and paleoanthropology; astronomy; chemistry of natural products; linguistics; materials sciences; systems analysis; and applied mathematics.

For Further Information Contact:

National Science Foundation  
Directorate for Scientific,  
Technological and International  
Affairs  
Division of International Programs  
Special Programs Section  
U.S. - China Program  
Dr. Pierre Perrolle or  
Mr. Alexander De Angelis  
Room 1214  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-7393

(From 1984 ARIS)

### **National Science Foundation U.S.-India Cooperative Science Program**

No. FY85-166

Program:

Members of the U.S. or Indian scientific communities and institutions are eligible for this Program to support scientific activities considered to be of significant value to the U.S. and India. Activities may be divided into five categories:

Cooperative Research Projects  
Individual Travel  
U.S. Guest Scientists in India  
Binational/International Conferences and Workshops  
Exchange Visits with Senior Scientists

For Further Information Contact:

National Science Foundation  
Directorate for Scientific,  
Technological and International  
Affairs  
Division of International Programs  
Developing Countries Section  
Dr. Jean Johnson  
Program Manager  
Room 1208  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-9402

(From 1984 ARIS)

### **National Science Foundation U.S.-Latin America and the Caribbean Cooperative Science Programs**

No. FY85-165

Program:

Grants to universities and colleges, professional societies, academies of sciences, and

other non-profit scientific organizations of the private sectors (profit-making organizations are not eligible) for exchanges that foster and support mutually beneficial scientific and technological cooperation between the U.S. and Latin America. The program encourages collaboration and exchange of information between scientists, engineers, scholars, and institutions of research and higher learning in the U.S. and any independent country of South America, Central America and the Caribbean, including Mexico. The program provides support for three different types of activity:

Cooperative Research  
Bilateral Seminars  
Scientific Visits

For Further Information Contact:

National Science Foundation  
Directorate for Scientific, Technological  
and International Affairs  
Division of International Programs  
Developing Countries Section  
Ms. Christine French or  
Dr. Harold Stolberg  
Room 1212  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-9563

(From 1984 ARIS)

**Olin Foundation, Inc.  
Construction Grants**

No. FY85-131

Program:

Grants for the construction of academic buildings and libraries to accredited private colleges and universities in the U.S. which offer a four-year baccalaureate program and have a minimum enrollment of 500 full-time students. Additions and renovations of existing buildings do not qualify; proposals for physical education facilities, student centers, administrative space or service buildings also will not be considered. Although the Foundation will consider proposals for graduate facilities, there has been a greater interest in supporting buildings primarily intended for undergraduate use. When making such grants, the Foundation generally undertakes to pay the total cost of the new facility, including equipment and furnishings. Applications should be in letter form and not more than five pages in length. The letter should describe the building needed, including its estimated size and cost, and

the expected impact upon the institution. The institution should also be described with respect to its goals, enrollments and financial condition. Applications should be directed to Lawrence W. Milas, President, with a copy to Mr. Robert D. Moss, Vice President, 415 Foshay Tower, Minneapolis, Minnesota 55402.

Deadline:

October 31, 1984

For Further Information Contact:

Olin Foundation, Inc.  
Lawrence W. Milas, President  
805 Third Avenue  
New York, NY 10022  
(212) 832-0508

NOTE: The Foundation is not able to consider requests for immediate grants. Applications may be filed annually between January 1 and October 31. Funding for successful applicants will generally begin in the second calendar year following the calendar year in which their applications were filed.

(From 1984 ARIS)

## current publications and other scholarly works

Current publications should be mailed to the  
Division of Research and Sponsored Programs,  
Room 314, Administration Building.

COLLEGE OF ARTS AND LETTERS

American Studies

Schmuhl, Robert P.  
R.P. Schmuhl. 1984. Don't Blame  
Tweedledum. The Review of Politics  
46(3):453-458.

English

Matthias, John E.  
J.E. Matthias and G. Printz-Pahlson. 1984.  
Translation. Three Poems by Ingemar  
Leckius. Translation 12:235-238.  
J.E. Matthias. 1984. Edward and Three  
Sections from Northern Summer. Argo  
5(2):13-20.  
J.E. Matthias. 1984. Six Poems.  
Salmagundi 63-64:238-245.

Government and International Studies

Kertesz, Stephen D.  
S.D. Kertesz. 1984. Consequences of  
World War I: The Effects on East Central

- Europe. Pages 39-57 in, B.K. Koraly, et al., eds., War and Society in East Central Europe. Brooklyn College Press.
- S.D. Kertesz. 1984. From the Vienna Award to Paris: Transylvania and Hungarian-Rumanian Relations During World War II. Pages 190-223 in, J.F. Cadzow, et al., eds., Transylvania -- The Roots of Ethnic Conflict. Kent University Press.
- S.D. Kertesz. 1984. Between Russia and the West-Hungary and the Illusions of Peacemaking. University of Notre Dame Press, Notre Dame, Indiana. xix + 299 pp.

### History

- Biddick, Kathleen A.
- K.A. Biddick. 1984. Review of, Europe under Development: A Critical Millennium 200 BC - 800 AD, A Series of Six Sessions Held at the 19th International Congress of Medieval Studies. Old World Archaeology Newsletter 13:3-6.
- K.A. Biddick. 1984. Animal Bones from Cats Water Subsite, Fengate. Pages 245-275 in, F. Pryor, ed., Excavation at Fengate Peterborough, England: The Fourth Report, Northamptonshire Archaeological Society Monograph, No. 2 and Royal Ontario Museum Archaeology Monograph No. 7 Microfiche.
- K.A. Biddick. 1983. Review of J. Mellor and T. Pearce, eds., The Austin Friary, Leicester. Council for British Archaeology, Research Report Series, No. 38 (1982), Speculum 58:1073-1074.

### Music

- Cramer, Craig J.
- C.J. Cramer. 1984. Solo recital. SS. Peter & Paul Roman Catholic Church, Huntington, Indiana.

### Program of Liberal Studies

- Schindler, David L.
- D.L. Schindler. 1984. Beyond Mechanism: Physics and Catholic Theology. Communio 11(2):186-192.
- Smith, Janet E.
- J.E. Smith. 1984. Can Virtue Be in the Service of Bad Acts? The New Scholasticism 58(3):357-373.

### Psychology

- Borkowski, John G.
- M.K. Reid and J.G. Borkowski. 1984. The Effects of Methylphenidate (ritalin) on Information Processing in Hyperactive Children. Journal of Abnormal Child Psychology 12:169-185.
- J.G. Borkowski, B.E. Kurtz and M.K. Reid. 1984. Metacognition and Retardation: Paradigmatic, Theoretical and Applied Perspectives. Pages 55-75 in, P. Brooks,

R. Sperber and C. McCauley, eds., Learning and Cognition in the Mentally Retarded. Erlbaum, Hillsdale, New Jersey.

- M. Pressley, J.G. Borkowski, and J.T. O'Sullivan. 1984. Memory Strategies are Made of This: Metamemory and Durable Strategy Use. Educational Psychologist 19:94-107.

### COLLEGE OF SCIENCE

### Chemistry

- Neta, Pedatsur
- \*K.M. Morehouse and P. Neta. 1984. Redox Reactions of Manganese Porphyrins in Aqueous Solutions. Steady-State and Pulse Radiolysis Spectrophotometric Studies. The Journal of Physical Chemistry 88(8):1575-1579.
- \*R.K. Norris, S.D. Barker and P. Neta. 1984. Steric Effects on Rates of Dehalogenation of Anion Radicals Derived from Substituted Nitrobenzyl Halides. Journal of the American Chemical Society 106(11):3140-3144.
- \*S. Baral, P. Hambright and P. Neta. 1984. One- and Two-Electron Reduction of Aluminum and Tin Pyridylporphyrins. A Kinetic Spectrophotometric Study. The Journal of Physical Chemistry 88(8):1595-1600.
- \*K.M. Morehouse and P. Neta. Kinetics of Demetallation of Manganese(II) Porphyrins in Aqueous Solutions. Journal of Physical Chemistry 88:3118.
- Schuler, Robert H.
- \*G.N.R. Tripathi and R.H. Schuler. 1984. Resonance Raman Studies of Pulse Radiolytically Produced p-Aminophenoxy Radical. The Journal of Physical Chemistry 88(9):1706-1710.
- \*G.N.R. Tripathi and R.H. Schuler. 1984. The Resonance Raman Spectrum of Phenoxy Radical. Journal of Chemical Physics 81:113-121.
- Schwartz, Maurice E.
- \*L.J. Schaad, B.A. Hess, Jr. and M.E. Schwartz. 1984. Total and Orbital SCF Energies in Molecules. Journal of Chemical Physics 80(11):5861-5862.

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\*Under the Radiation Laboratory  
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### Physics

- Cushing, James T.
- J.T. Cushing. 1984. Essay Review of E.M. Mackinnon's, Scientific Explanation and Atomic Physics. Erkenntnis 21:89-100.
- J.T. Cushing. 1983. Review of B.A. Sherwood's, Notes on Classical Mechanics. American Journal of Physics 51:958-959.
- J.T. Cushing. 1984. The Convergence and Content of Scientific Opinion. Philosophy of Science 1984 1:211-223.



## RADIATION LABORATORY

Tripathi, G.N.R.

G.N.R. Tripathi and R.H. Schuler. 1984.  
Resonance Raman Studies of Pulse Radio-  
lytically Produced p-Aminophenoxy

Radical. The Journal of Physical  
Chemistry 88(9):1706-1710.

G.N.R. Tripathi and R.H. Schuler. 1984.  
The Resonance Raman Spectrum of Phenoxy  
Radical. Journal of Chemical Physics  
81:113-121.

## awards received

IN THE MONTH OF AUGUST, 1984

Department or Office	Principal	Short title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Chemistry	Creary	Electronegatively Substituted Carbocations	Natl. Sci. Fdn.	50,000 12
Sociology	Hallinan	Determinants of Students' Interracial Friendliness	Natl. Inst. Health	77,607 12
Chemical Eng.	McHugh	Reactions in Supercritical Fluids	Koppers Co., Inc.	62,999 12
College Science	Poirier	Research in Elementary Particle Physics	Natl. Sci. Fdn.	180,000 12
Electrical Eng.	Sain, Antsaklis	Design of Multivariable Control Systems	Natl. Sci. Fdn.	55,000 12
Chemistry	Helquist	Organometallic Alkylidene Transfer Reagents	Natl. Sci. Fdn.	53,279 12
Civil Eng.	Katona	Presidential Young Investigator Awards	Natl. Sci. Fdn.	25,000 12.5
Chemistry	Lappin	Stereoselectivity in Electron Transfer	Natl. Sci. Fdn.	55,000 9
Chemistry	Nowak	NMR Studies of Metals in Kinases and Related Enzymes	Natl. Inst. Health	177,127 12
Lobund Lab	Pollard, Castellino	Research and Services for American Biogenetic Science, Inc.	Amer. Biogenetic Sci., Inc.	28,150 60
AWARDS FOR FACILITIES AND EQUIPMENT				
Physics	Kolata	Addition to the Computer System of the Nuclear Structure Laboratory	Natl. Sci. Fdn.	24,000 12
AWARDS FOR INSTRUCTIONAL PROGRAMS				
Aerospace Mech. Eng.	Brach, Akai	Introduction to Engineering	Corning Glass Works Fdn.	3,000 9
Graduate School	Le	National Science Foundation Fellowship	Natl. Sci. Fdn.	13,000 12
Core Course	Gutting, Loux	Plan to Improve the Interdisciplinary Core Course	Natl. Endow. Humanities	149,787 41
AWARDS FOR SERVICE PROGRAMS				
Inst. Past. Soc. Min.	Pelton	Notre Dame Institute for Clergy Education	---	36,645 --
Inst. Past. Soc. Min.	Melloh	Notre Dame Center for Pastoral Liturgy	---	694 --
Inst. Past. Soc. Min.	Melloh	Notre Dame Center for Pastoral Liturgy-Publications	---	605 --

<u>Department or Office</u>	<u>Principal</u>	<u>Short title</u>	<u>Sponsor</u>	<u>Dollars Months</u>
Inst. Past. Soc. Min.	Kelly	Programs for Church Leaders	---	4,272 --

AWARDS FOR OTHER PROGRAMS

Art, Art Hist.&Design	Geoffrion	Visiting Artists	Natl. Endow. Arts	5,000 7
Earth Sciences	Murphy	Summer Program to Attract More Minority Students to Major in Geology	Atlantic Richfield Fdtn.	9,000 6wks
Law School	Broden	Battered Women & Cooperative Clinical Program	Legal Services Corp.	85,000 18
Philosophy	Morris	Pascal's Pensees	Natl. Endow. Humanities	37,463 12

## proposals submitted

IN THE MONTH OF AUGUST, 1984

<u>Department or Office</u>	<u>Principal</u>	<u>Short title</u>	<u>Sponsor</u>	<u>Dollars Months</u>
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PROPOSALS FOR RESEARCH

Metallurgical Eng.	Kosel	Microstructural Effects in Abrasive Wear	Dept. Energy	86,785 12
Aerospace Mech. Eng.	Nelson	Leading Edge Vortex Structure	Natl. Aero. Space Admin.	54,539 12
Microbiology	Kulpa	Characterization of Microbial Consortium	Amoco Chemicals Res. Center	30,841 12
Metallurgical Eng.	Zeller, Sargent	Galvanized Steels Fellowships	Whirlpool Corp.	33,632 12
Electrical Eng.	Michel	Qualitative Analysis of Complex Dynamical Systems	Natl. Sci. Fdtn.	209,603 36
Civil Eng.	Bang, Katona, Kirkner	Inelastic Buckling of Culverts	Natl. Sci. Fdtn.	249,341 24
Mathematics	Sommese	Transcendental Algebraic Geometry	Natl. Sci. Fdtn.	149,933 36
Aerospace Mech. Eng.	Huang, Lee	Dynamic Ice-Structure Interaction	Natl. Sci. Fdtn.	430,094 36
Philosophy	Manier	Converging Scientific Research Programs	Natl. Sci. Fdtn.	39,000 12
Chemical Eng.	Carberry	Fluidized Bed Catalytic Reactor Studies	Amer. Chemical Soc.	77,268 36

PROPOSALS FOR FACILITIES AND EQUIPMENT

Physics	Rettig, Johnson	Astronomy Student Observatory	Natl. Sci. Fdtn.	91,165 12
Chemistry	Fehlner	Purchase of a High Resolution Mass Spectrometer	Natl. Sci. Fdtn.	305,000 12

PROPOSALS FOR OTHER PROGRAMS

College Bus. Admin.	Reilly, Ghiaseddin, Goslar, Matta	IBM Program of Support for Education in Management of Information Systems	Intl. Bus. Mach.	1,085,000 36
Psychology	Borkowski, Kurtz	Travel Grant to India	Natl. Sci. Fdtn.	1,500 4

# summary of awards received and proposals submitted

IN THE MONTH OF AUGUST, 1984

## AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	6	578,405	4	185,757	10	764,162
Facilities and Equipment	1	24,000	0	0	1	24,000
Instructional Programs	2	16,000	1	149,787	3	165,787
Service Programs	0	0	4	42,216	4	42,216
Other Programs	1	9,000	3	127,463	4	136,463
Total	10	627,405	12	505,223	22	1,132,628

## PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	3	291,257	7	1,069,779	10	1,361,036
Facilities and Equipment	0	0	2	396,165	2	396,165
Instructional Programs	0	0	0	0	0	0
Service Programs	0	0	0	0	0	0
Other Programs	0	0	2	1,086,500	2	1,086,500
Total	3	291,257	11	2,552,444	14	2,843,701

## closing dates for selected sponsored programs

Proposals must be submitted to the Office of Research and Sponsored Programs seven calendar days prior to the deadline dates listed below.

Information Circular Number	Agency	Programs	Application Closing Dates
HUMANITIES			
FY85-112	American Council of Learned Societies	Fellowships for Postdoctoral Research	November 15, 1984
FY85-115	American Council of Learned Societies	Mellon Chinese Summer Language Grants	February 15, 1985
FY85-114	American Council of Learned Societies	Mellon Language Training Fellowships	November 15, 1984
FY85-113	American Council of Learned Societies	Mellon Research and Training Fellowships for Young China Scholars	November 15, 1984
FY85-111	American Academy in Rome	Rome Prize Fellowships	November 15, 1984
FY85-116	American Musicological Society, Inc.	Travel Grants	November 1, 1984
FY85-173	American Philosophical Society	Postdoctoral Grants	December 1, 1984
FY85-117	American Research Institute in Turkey	Fellowships for Study in Turkey	November 15, 1984
FY85-118	American Schools of Oriental Research	Fellowships 1985-86	November 15, 1984
FY85-119	American Schools of Oriental Research	National Endowment for the Humanities Postdoctoral Fellowships	November 15, 1984
FY85-121	Columbia University	The Bancroft Prizes	November 1, 1984
FY85-122	Columbia University	Postdoctoral Fellowships	November 1, 1984
FY85-123	Columbia University	Senior Fellowships	November 1, 1984
FY85-124	Dumbarton Oaks	Fellowships	November 15, 1984
FY85-126	The George A. and Eliza Gardner Howard Foundation	Fellowships	November 1, 1984
FY85-109	General Services Administration	Publications Program	November 15, 1984
FY85-125	Harvard University	Andrew W. Mellon Faculty Fellowships in the Humanities	November 1, 1984
FY85-127	Institute of Early American History and Culture	Postdoctoral Fellowship	November 15, 1984

FY85-129	Japan Foundation	Institutional Project Support Programs	November 15, 1984
FY85-130	Japan Foundation	Library Support Program	November 15, 1984
FY85-128	Japan Foundation	Professional Fellowships	November 15, 1984
FY85-110	National Endowment for the Humanities	Publications Program	November 1, 1984
FY85-132	Pen American Center	Nelson Algren Fiction Award	November 1, 1984
FY85-133	Princeton University	Hodder Fellowship	November 1, 1984
FY85-134	QRL Poetry Series	Poetry Collections	October 31, 1984
FY85-135	The Society for the Humanities	Fellowships	November 1, 1984
FY85-175	Social Science Research Council	Postdoctoral Grants for International Research	December 1, 1984
FY85-137	Villa I Tatti	Postdoctoral Fellowships 1985-86	November 1, 1984
FY85-138	Wesleyan University Center for the Humanities	Mellon Postdoctoral Fellowships	November 15, 1984

#### FINE AND PERFORMING ARTS

FY85-120	Arkansas Arts Center	12th Annual Toys Designed by Artists Exhibition	October 29, 1984
FY85-136	The John F. and Anna Lee Stacey Scholarship Fund	Awards	November 1, 1984

#### SOCIAL SCIENCES

FY85-139	ADAMHA - National Institute on Drug Abuse	Youth Drug Abuse Treatment Research Grants	November 1, 1984
FY85-173	American Philosophical Society	Postdoctoral Grants	December 1, 1984
FY85-129	Japan Foundation	Institutional Project Support Programs	November 15, 1984
FY85-130	Japan Foundation	Library Support Program	November 15, 1984
FY85-128	Japan Foundation	Professional Fellowships	November 15, 1984
FY85-154	National Center for Health Services Research	Extramural Research Programs	November 1, 1984
FY85-175	Social Science Research Council	Postdoctoral Grants for International Research	December 1, 1984

#### SCIENCE

FY85-108	American Heart Association - San Francisco Chapter	Special Research Award	November 30, 1984
FY85-141	Department of the Army	Medical Research Support	January 15, 1985
FY85-151	Food and Drug Administration	RFA - Cooperative Agreement for Studies of Effects of Marketed Drugs	October 1, 1984
FY85-150	Food and Drug Administration	Research Grants	November 1, 1984
FY85-153	National Aeronautics and Space Administration	Research Associate Awards in Space Biology	October 1, 1984
FY85-154	National Center for Health Services Research	Extramural Research Program	November 1, 1984
FY85-156	National Institutes of Health - National Cancer Institute	Characterization of Multi-Drug Resistant Human and Other Mammalian Tumor Cell Lines	November 1, 1984
FY85-155	National Institutes of Health - National Cancer Institute	RFA - Basic Research in Factors Influencing Nuclear Magnetic Resonance (NMR) Relaxation Times in Biological Tissues	November 15, 1984
FY85-157	National Science Foundation	Unsolicited Research Proposals	November 1, 1984

#### GENERAL

FY85-131	Olin Foundation, Inc.	Construction Grants	October 31, 1984
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## notre dame report

An official publication of the University of Notre Dame, Department of Information Services. Individual copies are available in the Notre Dame Hammes Bookstore at 50 cents each. Mail subscriptions are \$10 per year. Back copies are available through the mail at 70 cents each.

Marianne Murphy Zarzana, Editor  
Barbara Stevens, Layout  
Publications and Graphic Services  
415 Administration Building  
Notre Dame, Ind. 46556  
(219) 239-5337

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