

notre dame report

contents

the university

- 331 Alumni Association Awards
- 331 Chemical Engineering Collection Endowed
- 332 Elderhostel Program Planned for Summer
- 332 Tax Assistance Program

faculty notes

- 333 Appointments
- 333 Honors
- 333 Activities

documentation

- 336 Minutes of the 208th Graduate Council Meeting December 7, 1983
- 339 University Libraries Minutes December 12, 1983
- 340 Salaries, Tenure and Fringe Benefits of Full-time Instructional Faculty, 1983-84
- 341 Summary Annual Report for TIAA Group Total Disability Benefits Plan
- 342 University Board of Trustees Revised Committee Assignments

advanced studies

- 343 Notes for Principal Investigators
- 343 --Assurance of Compliance with DHHS Regulations on the Protection of Human Research Subjects
- 345 Information Circulars
- 345 --Humanities
- 346 --Social Sciences
- 346 --Science
- 348 --Law
- 348 --General
- 350 Current Publications and Other Scholarly Works
- 352 Awards Received
- 353 Proposals Submitted
- 354 Summary of Awards Received and Proposals Submitted

83-84

February 17, 1984

number 11

the university

alumni association awards

The winners of three major Alumni Association awards and the inauguration of a new award honoring the late Dr. Thomas Dooley have been announced. The Edward Frederick Sorin Award, the association's highest honor presented each June at the annual reunion, will go this year to Judge Norman J. Barry of Chicago. He is a 1921 graduate who spent 13 years as a Notre Dame student in the elementary, high school, college and law school programs in operation at that time. The award honors the founder and first president of Notre Dame and is given to an alumnus displaying a high degree of service to the University.

Robert Cahill, a long-time associate in Notre Dame's athletic department and former ticket manager, will receive the first Cardinal O'Hara Award, also honoring a former Notre Dame president. The award honors service to the University by a former employee.

The James Armstrong Award, named for a former association director, will be presented at the Alumni Senate meeting in May to John N. Cackley, director emeritus of the alumni group and a 22-year veteran member of the University's public relations and development division. The award honors a current employee of the University.

The Dr. Thomas Dooley Award will be given to a man or woman who graduated during the last 10 years and has exhibited extraordinary service to fellowmen. The first recipient will be selected at the fall meeting of the association and will be presented at the winter meeting on the campus.

chemical engineering collection endowed

The University has received a \$102,000 gift to establish a special Memorial Library collection consisting of books on chemical engineering.

The collection was made possible by Franklin E. Eck, president of Advanced Drainage Systems, Inc., in Columbus, Ohio and a 1944 Notre Dame graduate. The Mr. and Mrs. Franklin E. Eck Endowed Collection in Chemical Engineering is the University's first special collection in the engineering discipline.

This collection is the sixth endowed University Library collection.

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elderhostel program planned for summer

The University will join the Elderhostel program this summer, a network of more than 600 educational institutions offering low-cost residential academic programs for people 60 years or older. Hostellers may select from one to three courses taught by Notre Dame faculty during the three weekly sessions beginning June 10. Jim Pollicita, director of alumni continuing education, heads the program for Notre Dame.

Almost 80,000 seniors signed up for classes last summer at participating schools. A fee of \$190 per individual covers cost of room in Alumni Family Hall (Lewis Hall), meals, instruction and course materials. The Notre Dame program can accommodate up to 45 resident "hostellers" plus five commuters each week. The commuter fee is \$120, including all meals with the exception of breakfast.

Courses to be offered at Notre Dame during the week, June 10-16, and the instructor are: "Faith and Story," English professor Thomas Werge; "The Art Museum," director Dean Porter of the Snite Museum of Art, and "Reaganomics," economics professor Thomas Swartz.

Courses offered June 17-23 are "Congress and the Future," government and international relations associate professor John Roos; "The Challenge of Peace," theology professor John Yoder, and "Modern Myths," program of liberal studies professor Stephen Rogers. The final week, June 24-30, will feature "Biosocial Genetics," biology professor Harvey Bender; "As It Was in the Beginning," Sr. Eleanor Bernstein of the Center for Pastoral Liturgy, and "Fiction and a Pluralistic View of Justice," Rogers.

A catalog listing all course offerings across the country is available by writing Elderhostel, 100 Boylston St., Boston, Mass. 02116. Notre Dame's Alumni Association is sponsoring the program, although it is open to non-alumni also.

tax assistance program

Accounting students at the University will renew their annual Tax Assistance Program for low income and unemployed families on Feb. 11. Help in preparing income tax forms will continue at nine locations in South Bend and Mishawaka until the filing deadline on April 15.

Principal wage earners in the home will receive free assistance with their tax returns during stated hours at neighborhood centers or downtown libraries in South Bend and Mishawaka. The students, all majoring in accounting, will be accompanied by faculty of the Notre Dame Department of Accountancy and certified public accountants.

The 1984 assistance sites and hours are: Monday -- Northeast Neighborhood Center, 803 Notre Dame Ave., 5-8 p.m.; Clay Center, Little Flower Church, Ironwood, 6-9 p.m.; Tuesday -- Senior Citizen's Center, Howard Park, 10 a.m.-12:30 p.m.; Southeast Neighborhood Center, 416 Wenger, 5-8 p.m.; Wednesday -- LaFortune Student Center, Notre Dame, 2:30-5 p.m.; Hansel Center, 1045 W. Washington, 5-8 p.m.; Thursday -- LaSalle Neighborhood Center, 323 S. Bendix, 5-8 p.m.; Saturday -- South Bend Library, 9:30 a.m.-12:30 p.m.; Mishawaka Library, 9:30 a.m.-12:30 p.m.

Special SWAT teams (Students Working At Taxation) have been formed to assist where needed and to help residents of neighboring areas where disasters have caused continuing problems.

faculty notes

appointments

Morton Fuchs, professor of biology and chairman of microbiology, has been appointed chairman of the Department of Biology. The appointment is effective in August.

Rev. Daniel R. Jenky, C.S.C., rector of Sacred Heart Church, has been appointed director of the University's Office of Campus Ministry. Father Jenky will succeed Rev. David Schlaver, C.S.C. who left the position to become editor and publisher at Ave Maria Press.

honors

Douglas W. Kmiec, associate professor of law, has been selected to the Board of Trustees of the St. Joseph County Housing Allowance Office.

Morris Pollard, professor emeritus of microbiology and director of Lobund Laboratory, was appointed as chairman of the University of Chicago Review Committee for the Biological and Medical Research Division at Argonne National Laboratory.

Karamjit S. Rai, professor of biology, was unanimously elected as the chairman of the newly established Formal Conference on Genetics and Molecular Biology by the Entomological Society of America for 1983-84. He was also awarded a Competitive Travel Grant by the Genetics Society of America (with funds provided by the National Science Foundation) to attend the XV International Congress of Genetics held in New Delhi, India, Dec. 12-21.

F. Ellen Weaver, associate professional specialist, assistant chairwoman and collegiate director of theology, received a three-week Newberry Fellowship to complete an article, "Jansenist Erudition and Piety and the Jansenist Women," and to begin further research at the Newberry Library, Chicago, Ill., Dec. 19, 1983 - Jan. 14, 1984.

Paul P. Weinstein, professor of biology, was elected President-Elect of the American Society of Tropical Medicine and Hygiene. He will assume the presidency in November 1984 at a joint meeting of the Society with the British Royal Society of Tropical Medicine.

activities

J. Douglas Archer, staff librarian, attended the midwinter meeting of the American Library Association in Washington, D.C., Jan. 5-10, and participated as a member of the Cognotes Committee which produced the conference newsletter.

Joseph Blenkinsopp, professor of theology, presented a paper entitled "Profile of a Pietistic Group in the Persian Period" at the annual meeting of the Midwest branch of the Society for Biblical Literature and the American Society for Oriental Research, Indiana University, Bloomington, Feb. 19-21.

Rev. David Burrell, C.S.C., professor of philosophy and theology, presented the Aquinas lecture, "Knowing the Unknowable God," at Pontifical Josephinum College, Columbus, Ohio, Jan. 26.

Francis J. Castellino, Kleiderer/Pezold professor of biochemistry and dean of science, presented a seminar entitled "Structure-Function Relationships Between the Components of the Fibrinolytic System" to the Blood Services Laboratories of the American Red Cross, Bethesda, Md., on Jan. 31.

Kevin J. Christiano, assistant professor of sociology, presented a talk, "Insights and Oversights in the Sociological Study of Religion," to the Religion and Society Network of the College of Arts and Letters, University of Notre Dame, Jan. 26.

Fred R. Dallmayr, Dee professor of government, presented a paper on "Heidegger Marxism" at the annual meeting of the Society for Phenomenology and the Human Sciences, in St. Louis, Mo., Oct. 22. He also presented a lecture on "Marxism and Humanism" at Gannon University in Erie, Pa., on Nov. 8.

P. K. Das, assistant professional specialist in the Radiation Laboratory, presented a seminar, "Photosensitized Electron Transfer Reactions Involving Cyanoaromatics," at the Saha Institute of Nuclear Physics, Calcutta, India, Jan. 19.

Eugene W. Henry, professor of electrical engineering, gave an invited lecture, "Computer Communications for the '80s," at the Data Processing Management Association Michiana Chapter Meeting, South Bend, Ind., Jan. 19.

Patrick Horsbrugh, professor emeritus of architecture, gave the opening address, "Geospace, Geotecture and Geopolitan Planning," at the First International Conference on Energy Efficiency Buildings with Earth Shelter Protection, University of New South Wales, Sydney, Australia, on Aug. 1. He attended planning policy meetings of the Planning Commissions of the cities of Wellington and Auckland, New Zealand, and discussed "Environic Planning Concepts" with the Mayor of Auckland and a mayoral candidate of Auckland, Aug. 8-19. Horsbrugh also delivered a lecture, "Vegetation Responses to Solar Energy," at the Fourth International Conference on Solar Energy, Perth, Australia, Aug. 23.

John Humphreys, visiting associate professor of mathematics, gave a talk on "Projective Representations of Monomial Groups" at the Oberwolfach Research Institute, West Germany, Jan. 25.

Charles Kannengiesser, Huisking professor of theology, gave a presentation entitled "Contemporary Views on Athanasius of Alexandria" at the Institute for the Advanced Study of Religion, University of Chicago, the Divinity School, Feb. 13.

Douglas W. Kmiec, associate professor of law, was an invited participant in a seminar entitled "Leadership Strategies for American Renewal in the 1980s," in Chicago, Ill., Jan. 20, sponsored by the Shavano Institute, Englewood, Colo.

James J. Kolata, associate professor of physics, was chairman of the local committee for the fall meeting of the Nuclear Physics Division of the American Physical Society, a national and international meeting of nuclear scientists held at the University of Notre Dame on Oct. 13-15. At this meeting he chaired a session of invited papers on "Heavy-Ion Physics," and presented a paper entitled "Quasielastic Processes in the $^{28}\text{Si} + ^{208}\text{Pb}$ and $^{28}\text{Si} + ^{40}\text{Ca}$ Reactions at 8 MeV per nucleon."

Keith Madden, assistant professional specialist in the Radiation Laboratory, gave an invited lecture, "In situ Radiolysis ESR Studies of Benzosemiquinones," to the Biophysics Department, Roswell Park Memorial Institute, Buffalo, N.Y., Jan. 9.

Rev. Richard P. McBrien, chairman of theology and Crowley-O'Brien-Walter professor of theology, conducted a dialogue at a gathering of Lutheran pastors, Moreau Seminary, University of Notre Dame, Feb. 6. He lectured on "The Crisis and Future of U.S. Catholicism" at Biscayne College, Miami, Fla., Feb. 12.

Rev. Michael D. McCafferty, C.S.C., assistant professor of law, gave a lecture on "Current Litigation Trends: Wrongful Birth and Wrongful Life" to the physicians and medical staff at St. Joseph's Medical Center, South Bend, Ind., Jan. 18.

Vaughn R. McKim, associate professor of philosophy, was invited by Miami University, Oxford, Ohio, to serve as an outside consultant in their university-wide departmental review program. He conducted an on-site evaluation of the programs and faculty of the Miami University Department of Philosophy on Jan. 25-27.

Rev. Leon J. Mertensotto, C.S.C., associate professor of theology, spoke on "Care for the Terminally Ill" to the medical staff at Mercy Medical Center, Chicago, Ill., Jan. 27.

Rev. Edward O'Connor, C.S.C., associate professor of theology, lectured on "Religious Orders in the Catholic Church" and "Mysticism" at Bethel College, Mishawaka, Ind., Dec. 13.

Rev. Thomas O'Meara, O.P., professor of theology, spoke on "Luther and the Future of Ecumenism," at the Luther Anniversary Meeting sponsored by Lutheran-Catholic Dialogue Committee, Tucson, Ariz., Jan. 16.

Morris Pollard, professor emeritus of microbiology and director of Lobund Laboratory, gave an invited lecture, "Life in a Sterile Environment," at the Biological and Medical Research Division, Argonne National Laboratory, Argonne, Ill., Dec. 1. "The Development and Use of Model Systems for Cancer Research" was the title of an invited lecture he presented at the Department of Pathology, Northwestern University Medical Center, Chicago, Ill., Dec. 9. He also delivered an invited lecture entitled "Induction of Primary Prostrate Cancer in Laboratory Rats" at the National Cancer Institute "Symposium on 10 Years of Progress in Prostrate Cancer," Bethesda, Md., Jan. 9-11.

Karamjit S. Rai, professor of biology, presented a paper entitled "Genetic Effects of Ultra High Voltage Transmission Line Electric Fields on *Aedes aegypti*" at the annual meeting of Entomological Society of America held in Detroit, Mich., Nov. 28-Dec. 2. He read an invitational paper, "Recent Advances in Genetics and Cytogenetics of Speciation in *Aedes* Mosquitoes" in the Symposium on "Genetics of Insect Vectors of Disease" at the 15th International Congress of Genetics at New Delhi, India, Dec. 12-21. He presented an invitational paper (coauthored with Dr. J. K. Greenlee) entitled "Genetic, Chromosomal and Morphological Differentiation in *Collinsia verna* Nutt. (Scrophulariaceae)" at the Satellite Symposium on "Advances in Chromosome Genetics and Self-incompatibility" held at Panjab University, Chandigarh, India, Dec. 23-24.

Mark Searle, assistant professor of theology, presided at the annual meeting of the North American Academy of Liturgy, Loyola University, Chicago, Jan. 3-6. He gave three lectures on "Lent and Easter" to the Archdiocese of Seattle, Seattle, Wash., Feb. 3-4. He presented three lectures during the "Preparing for Lent" workshop, sponsored by the Notre Dame Center for Pastoral Liturgy, Fatima Retreat House, Jan. 23. He also gave an address on "Lent and Easter" to a gathering of Lutheran clergy, Moreau Seminary, University of Notre Dame, Feb. 6.

James P. Sterba, associate professor of philosophy, presented a paper "How to Achieve Nuclear Deterrence Without Threatening Nuclear Destruction" at the Seminar for Contemporary Social and Political Theory held at the University of Chicago, Jan. 19.

Wilhelm E. Stoll, professor of mathematics, delivered a lecture on "Value Distribution for Moving Targets" at the Conference on Partial Differential Equations in Complex Analysis, Mathematical Research Institute, Oberwolfach, West Germany, Aug. 21-26.

Arvind Varma, professor and chairman of chemical engineering, presented a plenary lecture, "Reactions of Co, NO, O₂ and H₂O on Three-Way and Pt/ γ -Al₂O₃ Catalysts," and chaired a session on "Multiphase Reactors" at the International Chemical Reaction Engineering Conference held in Pune, India, Jan. 9-11. He also presented a graduate seminar titled "Optimal Catalyst Activity Profiles in Pellets" at the Department of Chemical Engineering, Indian Institute of Technology - Kanpur, on Jan. 4.

Milton M. Wachsberg, assistant professor of philosophy, delivered a paper, "Paternalism," at Cornell University, Ithaca, N.Y., Jan. 16, and at North Carolina State University, Raleigh, Jan. 20. He also presented a paper, "Personal Identity and Self-concern" at Lehigh University, Bethlehem, Pa., Jan. 23.

Rev. James F. White, professor of theology, presented a critique of the Lima eucharistic prayer at the annual meeting of the North American Academy of Liturgy, Chicago, Ill., Jan. 3-6.

documen- tation

minutes of the 208th graduate council meeting december 7, 1983

Board Room 121, Hayes-Healy Center

The meeting began at 3:30 p.m. on Dec. 7, 1983. Members not attending the meeting were: Dean Francis J. Castellino, excused and represented by Prof. John G. Duman; Dean Michael J. Loux, excused and represented by Prof. Roger Skurski, Dean Frank K. Reilly, excused and represented by Prof. Yusaku Furuhashi; Prof. Cornelius F. Delaney, excused; and Prof. Donald P. Costello, excused. Prof. Robert L. Irvine was present at the council's invitation.

I. Minutes of the 207th Meeting

The minutes of the 207th meeting were approved without any change.

II. Admission to Degree Candidacy

The list of applicants for admission to graduate degree candidacy was unanimously approved and is appended to the official copy of the minutes.

III. Proposal for the Establishment of the Graduate Bioengineering Program

The chairman opened the meeting by noting that the Graduate Council normally looks at a proposal for a new program twice and that no final recommendation was to be expected of the council upon this initial reading of the proposal. He reported that, about a year ago, an ad hoc committee had been assembled by the deans of the Colleges of Engineering and Science to consider the establishment of a graduate program in bioengineering at Notre Dame. This committee consisted of six faculty members from five departments, two of them being present at this meeting (Professors Robert Irvine and Charles Kulpa). The proposal that the council was now considering resulted from a series of meetings held throughout 1983. The chairman then called on Professor Irvine to introduce the proposal.

Professor Irvine described bioengineering (as understood by his committee) as including three major fields of study: biomedical, biotechnology and biotreatment. These fields would fit well with this University's research and teaching interests. The committee had studied other programs in the country and had concluded that our proposed program appeared to be more comprehensive than any they had seen. The committee proposed that: the program function as a degree-granting unit, independent of any existing department in this University; participating faculty members, while remaining accountable to their respective departments, teach and do research in bioengineering areas; students be admitted to the program and earn their degrees in the program. Professor Irvine stressed that the recommended structure seemed to be one which would be "minimally acceptable" to all people concerned and that it would work best for Notre Dame. The program, by drawing two groups of people on campus together, scientists and engineers, would enhance our ability to tap new sources of funding not normally available to each group in isolation. Professor Irvine concluded his introduction by reiterating that his committee was asking for input from the council at this initial meeting.

Dean Roger Schmitz was invited to comment on the proposal. He agreed with the committee on the importance of bioengineering as a field of study. He also said that there should be a program with the bioengineering label on it at Notre Dame and that this program, in order to be successful, must be able to attract enough highly qualified faculty members. He added that there was still some discussion concerning the structure of the program and the question of resources.

The meeting was then opened for discussion, which revolved around the following issues:

Bioengineering at Notre Dame: The view of several members was that there is a need for such a program. Some members also believed that the program would generate new funding for research.

Faculty: Members felt that faculty participation was the central issue. Do we have enough faculty members in this field ("critical mass")? Critical mass should be determined not simply by considering the number of faculty members involved, but in terms of their FTE number. In response, the council was informed that, if we consider teaching 2-3 courses as full time, we have close to a critical mass and that we need only to add a director and a replacement for Prof. John Lloyd. Another member recalled the experience of the engineering science program and the problem of divided loyalty (between a faculty's home department and the interdisciplinary program). The question of tenure for the participating junior faculty was also raised. The cooperation and involvement of participating department chairmen was stressed and the council was also informed that monthly meetings between the program director and the respective chairmen were envisioned.

Structure: The proposed structure of the program evoked several comments and questions (e.g., what is the rationale for admitting students directly into the program instead of a department)? It was explained that a student of a particular department who is also a TA for that department would not function well as a participant in an interdisciplinary program ("identity crisis") and that conflicting demands on such a student would bring interdisciplinary activities to a halt. One member pointed out the unique feature of the program -- the fact that a faculty committee, not a department, would be allowed to admit students and to confer degrees. He called it the "Chicago model." If it works, it will be a mark of maturity. Another member cited examples of faculty members from different departments in this University successfully cooperating in research projects and in directing doctoral dissertations. The Medieval Studies Program structure was also mentioned as a model for consideration.

The administrative structure of the program, as proposed, also drew some comments. Some members thought it a good idea to have a director at the head of the program. Others wondered whether a director, plus two assistant directors, would be necessary. One member cited the case of an interdisciplinary program at Berkeley, which apparently works well with a set of degree requirements but without a structure of administrators. Some members questioned which department should be the appropriate home for the program director: Should it be the Chemical Engineering Department, the Mechanical Engineering Department, or a department in the College of Science?

Curriculum: Discussion of the curriculum was related to the question of faculty resources. Clarifications were sought concerning the number of new courses needed vis-à-vis those currently offered. It was confirmed that all courses listed in the proposal are being offered each year, either in the College of Science or in the College of Engineering, with the exception of two courses (Anatomy and Biotechnology/Bioengineering), two seminars (Bioengineering Seminars I and II) and two laboratory courses (Laboratory Rotations I and II). The problem posed by including a somewhat detailed curriculum in the proposal prior to the appointment of a director was noted (as this may make the selection of the director more difficult). One member questioned whether the same mathematics course could be offered to all students in the program, regardless of their academic backgrounds.

Students: The program will require students with special academic ability. Yet several members were confident that the demand for the program is

strong and that we should be able to attract good applicants. They were equally positive concerning the marketability of future graduates.

Other programs in the country: What is the structure of these programs? Are they healthy? The committee is in the process of gathering data about a number of such programs and will make them available to the council at the next meeting.

As there were no more comments, the chairman closed the discussion and urged members to reflect further on the proposal.

IV. Chairman's Remarks

1. Graduate Program in Architecture: A year ago, the Graduate Council recommended approval of the graduate program in architecture contingent on the availability of new resources. Some efforts are being made in this area and the goals for new resources will be achieved this year.

2. Graduate Enrollment (Fall 1983):

Graduate Enrollment in the Ph.D. institutions in the U.S.
(243 out of 370 institutions reporting):

	<u>Public Inst.</u>	<u>Private Inst.</u>	<u>UND</u>
Total Enrollment	+ 1.9%	+ 2.8%	+ 6.6% i.e., 1331 (1249 in 1982)
First-Year Enr.	+ 2.6	4.5	+ 8.6 i.e., 503 (463 in 1982)
Applications Rec'd.	+ 4.8	2.8	+ 6.8 i.e., 1726 (1609 in 1982)

At Notre Dame this year, there are more Ph.D. students (+25), more master's degree students (+34), more full-time students (+94), more women (+27), more ethnic minority students (+2) and more foreign students (+18) than a year ago.

Total enrollment has increased in every division.

Degree enrollment has increased in every division.

Doctoral enrollment has increased in Science (+20) and Engineering (+13) but decreased in the Humanities (-6) and Social Sciences (-2).

3. Stipend Support to Graduate Assistants (in Ph.D. institutions in the U.S. in Fall 1983):

	<u>Public Inst.</u>	<u>Private Inst.</u>	<u>UND</u>
Chemistry	\$5514 (+4.9%)	\$5550 (+8.3%)	\$5,600 (+7.7%)
Economics	4630 (+4.5%)	4688 (+9.3%)	5,000 (+6.4%)
Elect. Engr.	5293 (+5.6%)	4983 (+7.9%)	5,200 (+7.7%)
English	4721 (+5.4%)	4317 (+8.5%)	5,000 (+6.4%)

The budget process, while not complete, suggests an overall increase of approximately 5% for FY 1985.

4. Highlight sessions at the Council of Graduate Schools (CGS) Meeting in December included:

Keynote address by Prof. Robert E. Marshak, President of the American Physical Society, on "The Global Mission of American Higher Education";

Dr. Edward A. Knapp, Director of NSF on "The Vital Bond:
Graduate Education and Technology";

Congressman Paul Simon, Chairman of the House Postsecondary
Education Subcommittee on the "Outlook for Continued Federal
Support of Graduate Education."

V. Other Business

There was no other business.

The meeting was adjourned at 5:00 p.m.

university libraries minutes december 12, 1983

Present: Harvey A. Bender, James L. Cullather, Maura Daly, Vincent P. DeSantis, Lloyd H. Ketchum, Robert C. Miller, Andrew J. Sommese.

Bender opened the meeting at 4:00 p.m. The minutes of the Dec. 12 meeting were amended and approved for publication.

In response to a prior request, Miller presented comparative activity indicators and comparative fiscal data, 1978-1983, which show relative constant staffing, a substantial increase in services, and significant improvement in acquisitions funding beyond inflation.

A chart showing square feet, seating, volumes, current journals, annual circulation, services, staffing, clientele, and comments for each branch library was presented. The ensuing discussion of the branch library situation at Notre Dame brought out the following points:

1. All branch libraries have student staffing basically equivalent to one FTE.
2. The Architecture Library has no air conditioning and renovation, and space planning will begin after the arrival of the new Architecture Librarian. It is hoped the space on the mezzanine will not have to be used in its current state.
3. The Chemistry/Physics Library has limited space which necessitates housing only the "active" collection.
4. The Engineering Library is new, but still inadequate. It can house only 10 years of current literature.
5. The Life Sciences Library is getting more cramped every day. They currently house 10 years of literature.
6. The Mathematics Library has a desperate space problem and transfers are now being processed.
7. The Radiation Laboratory Library is primarily a journal collection with no library staffing. It contains more duplication than any other branch library.

It was agreed that the mission of each branch library needs to be defined and space and housing parameters indicated.

In response to some comments from Daly, Miller agreed that he and Maureen Gleason will contact the Modern and Classical Languages Department about the German approval plan.

DeSantis asked about the possibility of a fire drill for Memorial Library. Miller indicated he is still working on it.

The meeting schedule for the spring semester is as follows: Jan. 16, Feb. 13, March 12, April 9, May 14. All meetings will be held at 4:00 p.m. in the Conference Room of 221 Memorial Library. Agenda items for the spring include development and database funding, an update on library automation, and an overview of the approval plans.

salaries, tenure and fringe benefits of full-time instructional faculty, 1983-84

The Office of the Dean of Administration has prepared and filed Higher Education General Information Survey (HEGIS XVIII), SALARIES, TENURE AND FRINGE BENEFITS OF FULL-TIME INSTRUCTIONAL FACULTY, 1983-84, with the Department of Health, Education and Welfare, Washington, D.C. Information from the report is processed and recorded by the National Center for Education Statistics from which the National Office of the American Association of University Professors collects data and develops average salary and average compensation by rank for each reporting university and college.

The 1983-84 A.A.U.P. average salary and average compensation figures by rank for the University of Notre Dame, together with the respective percents of annual increase, are shown here with the comparable figures for the years 1977-78 through 1982-83.

TABLE ONE

UNIVERSITY OF NOTRE DAME AVERAGE SALARIES PER A.A.U.P. REPORTS 1977-78 THROUGH 1983-84

	1983-84	1982-83	1981-82	1980-81	1979-80	1978-79	1977-78
Professor	\$44,230	\$40,179	\$36,204	\$32,662	\$30,508	\$28,016	\$26,099
% Increase	8.6	12.5	10.8	8.7	7.3	7.3	6.2
Assoc. Professor	34,023	31,305	27,991	24,977	23,331	21,606	20,166
% Increase	8.7	11.8	12.1	7.1	8.0	7.1	7.0
Asst. Professor	27,740	25,090	22,107	19,700	18,070	17,063	15,911
% Increase	10.6	13.5	12.2	9.0	5.9	7.2	7.9
Instructor	26,780	25,147	21,355	17,394	15,973	14,945	14,683
% Increase	6.5	17.8	22.8	8.9	6.9	1.8	13.2
All Ranks	\$35,848	\$32,763	\$29,360	\$26,060	\$23,921	\$22,381	\$20,788
% Increase	9.4	11.6	12.7	8.9	6.9	7.7	7.5

TABLE TWO

UNIVERSITY OF NOTRE DAME AVERAGE COMPENSATION PER A.A.U.P. REPORTS 1977-78 THROUGH 1983-84

	1983-84	1982-83	1981-82	1980-81	1979-80	1978-79	1977-78
Professor	\$54,666	\$50,145	\$44,730	\$40,085	\$36,427	\$33,300	\$30,509
% Increase	9.0	12.1	11.6	10.0	9.4	9.2	6.5
Assoc. Professor	41,576	37,944	33,683	29,921	27,831	25,261	23,405
% Increase	9.6	12.7	12.6	7.5	10.2	7.9	6.8
Asst. Professor	33,031	29,352	26,027	22,981	20,970	19,743	18,326
% Increase	12.5	12.8	13.3	9.6	6.2	7.7	8.4
Instructor	31,336	28,264	24,045	19,364	17,941	16,974	16,599
% Increase	10.9	17.5	24.2	7.9	5.7	2.5	13.3
All Ranks	\$43,740	\$39,621	\$35,562	\$31,344	\$28,529	\$26,511	\$24,147
% Increase	10.4	11.4	13.5	9.9	7.6	9.8	7.7

The Average Salary for Continuing Teaching and Research Members on Faculty in 1983-84 and 1982-83 follows:

TABLE THREE

AVERAGE SALARY
FOR CONTINUING TEACHING AND RESEARCH MEMBERS ON FACULTY
IN 1983-84 and 1982-83

	<u>Number</u>	<u>1983-84</u>	<u>1982-83</u>	<u>Increase</u>	<u>% Increase</u>
Professor	179	\$44,355	\$40,782	\$3,573	8.8
Associate Professor	156	34,485	31,349	3,136	10.0
Assistant Professor	121	28,322	25,139	3,183	12.7
Instructor	18	26,611	24,111	2,500	10.4
All Ranks	474	\$36,340	\$33,051	\$3,289	10.0

summary annual report for tiaa group total disability benefits plan

This is a summary of the annual report of the University of Notre Dame's TIAA Group Total Disability Benefits Plan, employer #35-0868188, for Sept. 1, 1982 through Aug. 31, 1983. The annual report has been filed with the Internal Revenue Service as required under the Employee Retirement Security Act of 1974 (ERISA).

INSURANCE INFORMATION

The plan has a contract with the Teachers Insurance and Annuity Association (TIAA) to pay all claims incurred under the terms of the plan. The total premiums paid for the plan year ending Aug. 31, 1983 were \$153,495.49.

YOUR RIGHTS 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. Simply make your request to the office of G. Thomas Bull, Director of Personnel, University of Notre Dame, IN 46556.

You also have the legally protected right to examine the annual report at the main office of the plan: the Personnel Office, University of Notre Dame, Notre Dame, IN, and at the U.S. Department of Labor in Washington, D.C. You may also obtain a copy of the annual report from the U.S. Department of Labor upon payment of copying costs. These requests should be addressed to the Department of Labor, 200 Constitution Avenue, NW, Washington, D.C. 20216.

university board of trustees revised committee assignments

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Edmund A. Stephan
Frank E. Sullivan
Richard V. Warner, C.S.C.

EDITOR'S NOTE: An incomplete listing was
printed in Notre Dame Report #7.

advanced studies

notes for principal investigators

Assurance of Compliance with DHHS Regulations on the Protection of Human Research Subjects

(continuation)

E. UCPHS Procedures.

1. UCPHS receives protocol.
The UCPHS chairperson shall receive all nonexempt research protocols from the OAS-DRSP.
2. Determination of review procedure.
 - a. The UCPHS chairperson or designate shall determine whether the research protocol meets the criteria necessary for an expedited review process.
 - b. The UCPHS chairperson or designate refers all research protocols to either full committee review or expedited review.
3. Expedited review.
 - a. The eligibility of some research for review through the expedited procedure is in no way intended to negate or modify the policies of this institution or the other requirements of 45 CFR 46.
 - b. The UCPHS may use the expedited review procedure to review minor changes in previously approved research during the period for which approval is authorized and to review requests for continuation of approvals for projects wherein there is no change in protocol.
 - c. The only other research for which the UCPHS may use an expedited review procedure is that which involves no more than minimal risk

to the subjects and in which the only involvement of human subjects will be in one or more of the following categories:

- (1) Collection of: hair and nail clippings, in a nondisfiguring manner, deciduous teeth; and permanent teeth if patient care indicates a need for extraction.
- (2) Collection of excreta and external secretions including sweat, uncannulated saliva, placenta removed at delivery, and amniotic fluid at the time of rupture of the membrane prior to or during labor.
- (3) Recording of data from subjects 18 years of age or older using noninvasive procedures routinely employed in clinical practice. This includes the use of physical sensors that are applied either to the surface of the body or at a distance and do not involve input of matter or significant amounts of energy into the subject or an invasion of the subject's privacy. It also includes such procedures as weighing, testing sensory acuity, electrocardiography, electroencephalography, thermography, detection of naturally occurring radioactivity, diagnostic echography, and electroretinography. It does not include exposure to electromagnetic radiation outside the visible range (for example, x-rays, microwaves).

-
- (4) Collection of blood samples by venipuncture, in amounts not exceeding 450 milliliters in an eight week period and no more often than two times per week, from subjects 18 years of age or older and who are in good health and not pregnant.
 - (5) Collection of both supra- and subgingival dental plaque and calculus, provided the procedure is not more invasive than routine prophylactic scaling of the teeth and the process is accomplished in accordance with accepted prophylactic techniques.
 - (6) Voice recordings made for research purposes such as investigations of speech defects.
 - (7) Moderate exercise by healthy volunteers.
 - (8) The study of existing data, documents, records, pathological specimens, or diagnostic specimens.
 - (9) Research on individual or group behavior or characteristics of individuals, such as studies of perception, cognition, game theory, or test development, where the research investigator does not manipulate subjects' behavior and the research will not involve stress to subjects.
 - (10) Research on drugs or devices for which an investigational new drug exemption or an investigational device exemption is not required.
 - (11) Any other category specifically added to this list by HHS and published in the Federal Register.
- d. Expedited reviews shall be conducted by the UCPHS chairperson or by one or more experienced UCPHS members designated by the chairperson to conduct the review.
 - e. The UCPHS member(s) conducting the expedited review may exercise all of the authorities of the UCPHS except that the reviewer(s) may not disapprove the research. The reviewer(s) shall refer any research protocol which the reviewer(s) would have disapproved to the full committee for review. The reviewer(s) may also refer other research protocols to the full committee whenever the reviewer(s) believes that full committee review is warranted.
 - f. When the expedited review procedure is used, the UCPHS chairperson or member(s) conducting the review shall inform UCPHS members of the research protocols which have been approved under the procedure.
 - g. At a convened UCPHS meeting, any member may request that an activity which has been approved under the expedited procedure be reviewed by the UCPHS in accordance with non-expedited procedures. A vote of the members shall be taken concerning the request and the majority shall decide the issue.
 - 4. Full committee review.
 - a. Research protocols scheduled for review shall be distributed to all members of the UCPHS prior to meetings.
 - b. When it is determined that consultants or experts will be required to advise the UCPHS in its review of a protocol, the research protocol shall also be distributed to the consultants or experts prior to the meeting.
 - c. All UCPHS initial review and continuing review shall be conducted at convened meetings and at timely intervals.

- d. A majority of the membership of the UCPHS constitutes a quorum and is required in order to convene a meeting for the review of research protocols.
 - e. The UCPHS member whose concerns are primarily in nonscientific areas must be present at the convened meeting before the UCPHS can conduct its review of research.
 - f. For a research protocol to be approved it must receive the approval of a majority of those members present at the convened meeting.
 - g. No UCPHS member may participate in the UCPHS' initial or continuing review of any project in which the member has a conflicting interest, except to provide information requested by the UCPHS.
 - h. In cases where research activities were initially approved under expedited procedures and subsequently reviewed by non-expedited procedures, the decisions reached at the convened meeting shall supersede any decisions made through the expedited review.
5. UCPHS notification to research investigators and the OAS-DRSP of decisions(s).
- a. The UCPHS' secretary shall notify the research investigators in writing of the UCPHS' decisions, conditions and requirements.
 - b. The UCPHS shall also provide to the research investigator reasons for the UCPHS' decision to disapprove a research protocol and an opportunity for the research investigator to respond. Reasons for disapproval shall also be recorded in OAS-DRSP files.
6. Appeal board review.
The appeal board shall serve only in the capacity of an appellate body.

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 China Conference Travel Grants

No. FY84-346

Program:

The ACLS will offer partial travel support to United States scholars attending research conferences in the People's Republic of China. Eligible scholars must, as shown in their

training, teaching, and research interests, be specialists in some aspect of the study of China; they must hold the Ph.D.; and they must have been invited to present to the conference the results of their recent research. Eligible conferences must be concerned with the humanities or social sciences, and preference will be given to supporting travel to conferences concerned with some aspect of China area studies. Application forms can be obtained by writing to China Conference Travel Grants Program. In requesting application forms, the prospective applicant must provide: date of receipt of the doctorate; academic position; research interests; name, location, and date of the conference; and title of paper to be delivered.

Deadline:

April 1, July 1, October 1, 1984 and January 1, 1985

For Further Information Contact:

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

(From 1983 ARIS)

American Council of Learned Societies Travel Grants for Humanists to International Meetings Abroad

No. FY84-345

Program:

Grants to scholars in humanistic disciplines to enable them to participate in international scholarly meetings held outside the U.S., Canada and Mexico. Only persons who are to read papers or have a major, official role in the meeting will be eligible for an award. Social scientists and legal scholars who specialize in the history or philosophy of their disciplines may apply if the meeting they wish to attend is so oriented. When requesting application forms, interested persons should address an inquiry to the Travel Grant Office, setting forth the name, dates, place, and sponsorship of the meeting, as well as a brief description of the nature of the applicant's scholarly interests and his or her proposed role in the meeting.

Deadline:

March 1, July 1 and November 1, 1984

For Further Information Contact:

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

(From 1983 ARIS)

social sciences

American Institute for Economic Research Summer Fellowships in Economics

No. FY84-347

Program:

Room and board plus a monthly stipend of \$425 are available to enable graduate and advanced undergraduate students to participate in an eight-week program in monetary economics, the methodology of economics, and economic forecasting. The AIER emphasizes the "economic benefits of limited government, unhampered markets, disciplined fiscal and monetary policies, and a gold convertible currency."

Deadline:

March 31, 1984

For Further Information Contact:

American Institute for
Economic Research
Pamela Allard, Assistant
to the Director
Great Barrington, MA 02130
(413) 528-1216

(From 1983 ARIS)

Carnegie-Mellon University Program in Technology and Society Postdoctoral Fellowships

No. FY84-348

Program:

One-year postdoctoral fellowships consisting of stipends of \$15,500 and fringe benefits to those with the Ph.D. in American History, who have an interest in enhancing or developing their understanding and research skills in the area of technology and society. The Program's areas of research and teaching include: 1) Social and Historical Studies of Technological Development and Impacts on Society; 2) Technology and the Political Economy of Industrial Societies; and 3) Policy Studies Involving Technology.

Deadline:

April 1, 1984

For Further Information Contact:

Carnegie-Mellon University
Program in Technology and Society
Joel A. Tarr, Director
Department of Social Sciences
Schenley Park
Pittsburgh, PA 15213
(412) 578-2972

(From 1983 ARIS)

science

National Aeronautics and Space Administration NASA Planetary Biology Summer Internships

No. FY84-340

Program:

The Marine Biological Laboratory, Woods Hole, MA, invites applications from graduate students and seniors accepted in graduate programs for \$1,800 awards to participate in research on planetary biology at participating universities and NASA centers during the summer.

Deadline:

April 15, 1984

For Further Information Contact:

National Aeronautics and Space
Administration
Planetary Biology Intern Program
John Stolz
Department of Biology
Boston University
2 Cummington Street
Boston, MA 02115
(617) 353-2443

(From 1983 ARIS)

NASA Research Associate Awards in Space Biology

No. FY84-341

Program:

NASA is offering several Research Associate Awards for scientists who are U.S. citizens possessing the Ph.D., D.Sc., M.D., D.D.S., or D.V.M. to work in laboratories capable of providing scientific advice and facilities relevant to space biology. The awards will vary from \$14,000 to \$18,000, depending on experience. They are planned for a twelve-month period with a possibility of renewal.

Deadline:

April 1 and October 1, 1984

For Further Information Contact:

NASA
Headquarters
Life Sciences Division
Dr. Thora W. Halstead
Space Biology Research Associates
Program
Washington, DC 20546

(From 1983 ARIS)

**National Research Council
NRC Associateship Program**

No. FY84-353

Program:

The NRC offers awards for basic and applied research, free from administrative duties at various laboratories throughout the United States in the physical and biological sciences and biomedical research. Stipends begin at \$24,500 per year for recent doctoral graduates, with higher stipends for seniors having at least five years of postdoctoral experience. Although most programs have a single deadline of January 15 for receipt of application, certain ones have the three deadlines noted here. These are NASA, Air Force Systems Command, U.S. Army Armament Research and Development Command, EPA, U.S. Army Missile Command, and Naval Air Development Center. For detailed information on the available programs, contact NRC.

Deadline:

April 15 and August 15, 1984 and January 15, 1985

For Further Information Contact:

National Research Council
Associateship Office (JH 610-D5)
2101 Constitution Avenue, NW
Washington, DC 20418
(202) 334-2760

(From 1983 ARIS)

**National Science Foundation
Biological Instrumentation Program**

No. FY84-343

Program:

Grants are available to support the purchase of multiple-user instruments needed for the conduct of basic research in physiological, cellular and molecular biology and for the development of new instruments that will either extend current instrument capability in terms of sensitivity or resolution or will provide new and alternative techniques for the detection and observation of biological phenomena.

Deadline:

Target Dates: April 30 and September 30, 1984

For Further Information Contact:

National Science Foundation
Directorate for Biological, Behavioral,
and Social Sciences
Division of Physiology, Cellular and
Molecular Biology
Arthur Kowalsky
Program Director
Room 325
1800 G Street, NW
Washington, DC 20550
(202) 357-7652/7653

(From 1983 ARIS)

**National Science Foundation
Precollege Science and
Mathematics Education**

No. FY84-344

Program:

The NSF has announced this program which supersedes the two programs: Materials Development for Precollege Science and Mathematics and Honors Workshops for Precollege Teachers of Science and Mathematics. Colleges and Universities are eligible to submit proposals from any fields of science in which NSF supports research. These include: astronomy, atmospheric sciences, biological and behavioral sciences, chemistry, computer sciences, earth sciences, engineering, information science, mathematical sciences, materials science, oceanography, physics, and the social sciences. Interdisciplinary proposals spanning two or more science areas are also eligible. There are three major components to NSF precollege activities:

- Precollege Materials Development Research
- Precollege Teacher Development and Incentives
- Special Activities: This area includes the Informal Science Education, whose goal is to stimulate educational activities in out-of-school settings; Information in Science and Mathematics Education to improve information transfer of new materials and teaching practices; and Studies and Analyses.

For Further Information Contact:

National Science Foundation
Directorate for Science and
Engineering Education
Precollege Science and Mathematics
Education Program
Dr. Robert Watson
1800 G Street, NW
Washington, DC 20550
(202) 357-7539

(From 1983 ARIS)

**National Science Foundation
Scientific Research Support in
the Atmospheric Sciences**

No. FY84-342

Program:

Grants are available for research to develop the scientific basis for understanding the dynamics and physical behavior of our atmosphere on all scales, and the natural global cycles of gases and particulates in the earth's atmosphere, and to improve our understanding of the composition, energetics and dynamics of the coupled upper atmospheric system, and the relationship of the sun to

the earth's upper atmosphere and space environment. Major program areas are:

- Aeronomy Program. Contact Andrew B. Christensen, Program Director, (202) 357-7619
- Atmospheric Chemistry Program. Contact Jarvis Moyers, Program Director, (202) 357-9657
- Experimental Meteorology Program. Contact Richard Dirks, Program Director, (202) 357-9431
- Meteorology Program. Contact Ronald Taylor, Program Director, (202) 357-7624
- Solar-Terrestrial Program. Contact Dennis Peacock, Program Director, (202) 357-7618
- Climate Dynamics Program. Thomas J. Crowley, Program Director, (202) 357-9892
- Global Atmospheric Research Program. Contact Jay S. Fein, Program Director, (202) 357-9887

Deadline:
April*

For Further Information Contact:

National Science Foundation
Directorate for Astronomical, Atmospheric,
Earth and Ocean Sciences
Division of Atmospheric Research
Eugene W. Bierly, Division Director
Room 644
1800 G Street, NW
Washington, DC 20550
(202) 357-9874

*For projects to commence in January/
February, 1985.

(From 1983 ARIS)

law

German Academic Exchange Service (DAAD) Young Lawyers—Legal Studies and Internships

No. FY84-351

Program:

A two-month advanced German language course at a German university, followed by a five-month course offered by the North Rhine-Westphalian Ministry of Justice, and a three-month practical experience (internship) is available for applicants holding a JD or LLB degree, have passed a bar exam and have a good command of German. Stipend includes tuition and fees, monthly allowance and travel subsidy.

Deadline:
April 15, 1984

For Further Information Contact:

German Academic Exchange Service (DAAD)
535 Fifth Avenue, Suite 1107
New York, NY 10017
(212) 599-0464

(From 1983 ARIS)

general

German Academic Exchange Service (DAAD) German Studies Summer Seminar

No. FY84-349

Program:

A six-week interdisciplinary German Studies Summer Seminar will be held at a major U.S. university. The Seminar concentrates on current issues and problems in history, politics, economics, education and culture and is designed for junior faculty and advanced graduate students with previous experience in German Studies. A working knowledge of German is essential.

Deadline:
April 15, 1984

For Further Information Contact:

German Academic Exchange Service (DAAD)
535 Fifth Avenue, Suite 1107
New York, NY 10017
(212) 599-0464

(From 1983 ARIS)

German Academic Exchange Service (DAAD) Germany Today

No. FY84-350

Program:

A three-week German Studies information program will be given in English at a German university for university administrators, faculty members and, in exceptional cases, advanced graduate students (preferably from the professional schools). Knowledge of German is not required. The course will deal with various aspects of political, economic, and cultural life in present-day Germany.

Deadline:
On or about March 1, 1984

For Further Information Contact:

German Academic Exchange Service (DAAD)
535 Fifth Avenue, Suite 1107

New York, NY 10017
(212) 599-0464

(From 1983 ARIS)

International Research and Exchanges Board (IREX) Developmental Fellowships

No. FY84-352

Program:

A limited number of fellowships are offered to strengthen American scholarship on the USSR and Eastern Europe. Applicants must be U.S. citizens planning doctoral dissertations or postdoctoral research requiring materials available through exchange participation. Fellowships will be awarded in the following three areas:

- Disciplinary Fellowships: Open to applicants not already in Soviet and East European studies in fields such as archaeology, anthropology, business, economics, geography and demography, law, musicology, political science, psychology, and sociology.
- Fellowships for the Study of Soviet Nationalities: Open to applicants who already have strong preparation in Soviet area studies but who need additional training in a minority language at an appropriate study center.
- Fellowships to Develop Dual Area Competence: Open to applicants with Soviet, Eastern European, or other area expertise wishing to develop competence in another world region.

Deadline:

March 15, 1984

For Further Information Contact:

International Research and
Exchanges Board (IREX)
Eileen Viani
Staff Contact
655 Third Avenue
New York, NY 10017
(212) 490-2002

(From 1983 ARIS)

The Robert Wood Johnson Foundation Faculty Fellowships in Health Care Finance

No. FY84-339

Program:

The Robert Wood Johnson Foundation Faculty Fellowships in Health Care Finance offer a year of advanced training and field experience followed by up to \$15,000 in support of a related research project. The fellowships

are open to faculty in programs where there is a strong health care finance and health policy focus. These include health services and hospital administration, public administration, public policy, law, business, political science, and economics. Fellowships begin in September at The Johns Hopkins Medical Institutions with an intensive, three-month study of the latest innovations in health care finance. During the following nine months, Fellows will have a structured field and research experience in a relevant operating organization.

Stipend:

Stipend will be equal to salary prior to entering the program, up to \$40,000 a year, plus fringe benefits and assistance with other costs associated with the fellowship year.

Deadline:

March 31, 1984

For Additional Information and Applications, Contact:

Carl J. Schramm, J.D., Ph.D.
Director, The Robert Wood Johnson
Foundation Program of Faculty
Fellowships in Health Care Finance
The Johns Hopkins Medical Institutions
624 North Broadway
Baltimore, MD 21205
(301) 955-8316

Organization of American States Fellowships

No. FY84-354

Program:

Graduate training and research fellowships available for three months to two years are available to citizens or permanent residents of OAS countries who have a university degree or demonstrated ability to pursue advanced research in their chosen field. Fellowships are for advanced study or research in any field except the medical sciences, and are not for undergraduate level studies or introductory language training. Applicants must know the language of the country in which they wish to study. Before applying for a fellowship, candidates must secure acceptance at a university, study center or research site in the chosen country. The following is a list of OAS countries: Antigua and Barbuda, Argentina, Bahamas, Barbados, Bolivia, Brazil, Chile, Colombia, Costa Rica, Dominica, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Saint Lucia, Saint Vincent and The Grenadines, Suriname, the United States, Trinidad and Tobago, Uruguay, and Venezuela. Fellows must study in a country of which they are not citizens or permanent residents.

Deadline:
April 30 and August 31, 1984

For Further Information Contact:

Organization of American States
Trainee Selection Division
Department of Fellowships and
Training
Washington, DC 20006
(202) 789-3902

(From 1983 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

Art

- Kinsey, Douglas
D. Kinsey. 1984. Five Oil Paintings;
Five Etchings; Twenty Monotypes. One Man
Exhibition, After the Fall. The Judge
Gallery, Washington, D.C.

English

- Bender, Eileen T.
E.T. Bender. 1983. Femina Ludens: Comedy
and the Woman Writer. Michiana Magazine
November 13:30.
E.T. Bender. 1983. Civilized Discontent:
Isaac B. Singer's Penitent. Michiana
Magazine December 11:20.
E.T. Bender. 1983. A Survivor's Holocaust
Story: Rose Zar's In the Mouth of the
Wolf. Michiana Magazine December
18:16-18.
Hasley, Louis L.
L.L. Hasley. 1984. Those Were the 'Days'.
The Villager 56(4):12, 16, 21-22.
Schirmer, Gregory A.
G.A. Schirmer. 1984. Review of P.
Muldoon's, Quoo. The Christian Science
Monitor. January 13:18.

Government and International Studies

- Dallmayr, Fred R.
F.R. Dallmayr. 1984. Language and Poli-
tics: Why Does Language Matter to Political
Philosophy? University of Notre Dame
Press, Notre Dame, Indiana. 243 pp.

Philosophy

- McMullin, Ernan
E. McMullin. 1983. Review of, The Worlds

of Science and Religion. New Scholasti-
cism 57:549-552.

Psychology

- Arndt, Stephan
G. Jaquish, R.E. Ripple and S. Arndt. 1983.
Perceptions of the Life Span: A Cross-
National Approach. South African
Journal of Psychology 13(3):63-65.

Theology

- LaCugna, Catherine M.
C.M. LaCugna. 1983. Review of W. Hill's,
The Three Personed God. Theological
Studies September:501-502.
C.M. LaCugna. 1983. Review of S. McFague's,
Metaphoric Theology. Theological Studies
September:534-535.
White, James F.
J.F. White. 1983. A Sunday Service:
English-Japanese Parallel. Discipleship
Resources, Nashville. 32 pp.
Yoder, John H.
J.H. Yoder. 1983. What Would You Do?
Herald Press, Scottdale, Pennsylvania
and Kitchener, Ontario. 119 pp.

COLLEGE OF SCIENCE

Biology

- Grimstad, Paul R.
R.R. Pinger, P.R. Grimstad, M.J. Sinsko and
C.H. Calisher. 1983. Isolation of La
Crosse and Other Arboviruses from Indiana
Mosquitoes, 1961-1982. Mosquito News
43(4):459-463.
Rai, Karamjit S.
D.P. Pashley and K.S. Rai. 1983. Linkage
Relationships of Eleven Enzyme Loci in the
Aedes scutellaris Group. Biochemical
Genetics 21:1195-1201.
V. Dev and K.S. Rai. 1983. Crossing
Relationships Among Certain Species of
the Aedes (Stegomyia) scutellaris Group
(Diptera: Culicidae). XV International
Congress of Genetics, New Delhi, India,
Abstracts of Contributed Papers, Part II.
Oxford and IBH Publishing Co. Page 440.
J.K. Greenlee and K.S. Rai. 1983. Genetic,
Chromosomal and Morphological Differentia-
tion in Collinsia verna Nutt. (Scrophula-
riaceae). Pages 12-14 in, S.C. Verna,
ed., Advances in Chromosome Genetics and
Self-incompatibility.
K.S. Rai. 1983. Recent Advances in
Genetics and Cytogenetics of Speciation
in Aedes Mosquitoes. XV International
Congress of Genetics, New Delhi, India,
Plenary Symposia and Symposia Sessions:
Summaries of Contributions. Oxford and
IBH Publishing Co. Pages 44-45.
M.A. Motara and K.S. Rai. 1983. Hybrid
Breakdown and Chromosomal Abnormalities
in Two Species of Aedes Mosquitoes.
XV International Congress of Genetics,
New Delhi, India. Abstracts of Contri-

buted Papers. Part I. Oxford and IBH Publishing Co. Page 157.

Chemistry

- Castellino, Francis J.
F.J. Castellino. 1983. Plasminogen Activators. BioScience 33(10):647-650.
- Greenlee, Judith K.
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IN THE MONTH OF JANUARY, 1984

Department or Office	Principal	Short title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Mex.-Amer. Grad. Stud. Prog.	Samora	Assessment of Mexican-American Population of U.S. in 1980's	Pacific Telephone	2,500 24
Chemical Eng.	Kohn	Liquid-Liquid-Vapor Equilibria in LNG Systems	Gas Proc. Assocn.	40,898 12
Biology	Craig	Factors Affecting Vector Competence in <u>Aedes triseriatus</u>	Natl. Inst. Health	243,701 12
Biology	Goetz	Oocyte Final Maturation and Ovulation	Natl. Sci. Fdtn.	30,000 12
Biology	Grimstad	Ecology of Vectors of Jamestown Canyon Virus	Natl. Inst. Health	77,491 12
Biology	Saz	Intermediary Metabolism of Helminths	Natl. Inst. Health	135,543 12
Biology	Weinstein	Development of Parasitic Helminths <u>In Vitro</u>	Natl. Inst. Health	125,375 12
Biology	Fuchs, Kang	Reproductive Physiology of <u>Aedes</u> Mosquitoes	Natl. Inst. Health	198,233 12
History	Kselman	Death and the Afterlife in Nineteenth-Century France	Natl. Endow. Humanities	25,000 12
Electrical Eng.	Herro	Coding Considerations for Fiber- Optic Data Networks	Natl. Aero. Space Admin.	20,000 12
Civil Eng.	Irvine, Kulpa	Structured Biological Models	Natl. Sci. Fdtn.	157,415 12
Electrical Eng.	Henry	RADII, Inc. Fellowship	RADII, Inc.	5,000 6

AWARDS FOR FACILITIES AND EQUIPMENT

<u>Department or Office</u>	<u>Principal</u>	<u>Short title</u>	<u>Sponsor</u>	<u>Dollars Months</u>
Physics	Kolata	Addition to the Computer System of the Nuclear Structure Laboratory	Natl. Sci. Fdn.	51,000 12
AWARDS FOR INSTRUCTIONAL PROGRAMS				
Civil Eng.	Ketchum	Environmental Health Engineering Training Program	Environ. Prot. Agency	7,407 36
AWARDS FOR SERVICE PROGRAMS				
Inst. Past. Soc. Min.	Pelton	Notre Dame Institute for Clergy Education	---	9,249 --
Inst. Past. Soc. Min.	Melloh	Notre Dame Center for Pastoral Liturgy	---	2,091 --
Inst. Past. Soc. Min.	Melloh	Notre Dame Center for Pastoral Liturgy-Workshop	---	800 --
AWARDS FOR OTHER PROGRAMS				
Advanced Studies	Gordon	Arthur J. Schmitt Fellowship Program	A.J. Schmitt Fdn.	37,500 9

proposals submitted

IN THE MONTH OF JANUARY, 1984

<u>Department or Office</u>	<u>Principal</u>	<u>Short title</u>	<u>Sponsor</u>	<u>Dollars Months</u>
PROPOSALS FOR RESEARCH				
Physics	Newman	Implications of Phase Transitions for Real Materials	Natl. Sci. Fdn.	153,165 36
Physics	Bunker	Synchrotron Radiation Investigations of Ion	Natl. Sci. Fdn.	296,496 36
Psychology	Borkowski, Maxwell	Causes and Consequences of Metamemory	Natl. Inst. Health	64,813 12
Chemistry	Castellino	Biochemistry of Fibrinolysis	Natl. Inst. Health	253,516 12
Chemical Eng.	Carberry	Intrinsic Kinetics of Multiphase Reaction-Reactor Systems	Natl. Sci. Fdn.	319,325 36
Prog. Lib. Studies	Sloan	Archival Research on Early Correspondence of Richard Owen	Natl. Endow. Humanities	500 2
English	Lordi	Examination of Ms. of <u>Solymintana Clades</u>	Natl. Endow. Humanities	500 3wks
Metallurgical Eng.	Miller, Sargent, Allen	Integrated Circuit Connections	Intl. Bus. Machines	528,481 36
Metallurgical Eng.	Miller, Lucey, Crowell	Development of Interactive Videodisc Techniques	Intl. Bus. Machines	131,108 12
Psychology	Anderson, Crowell	Behavior Management in a Print-Label Company	Fleming Packaging Corp.	15,708 12
Psychology	Anderson, Crowell	Behavior Management in Telemarketing	Imperial, Inc.	12,920 12
Biology	Saz	Intermediary Metabolism of Helminths	Natl. Inst. Health	218,224 12
Chemistry	Fehlner	Metallaboranes, Synthesis, Structure and Reactivity	Natl. Sci. Fdn.	343,419 36

Department or Office	Principal	Short title	Sponsor	Dollars Months
College Science	Pollard	Intestinal Carcinogenesis in Conventional and Germfree Rats	Natl. Inst. Health	60,987 12
Electrical Eng.	Kwong, Kwor	Rapid Thermal Annealing of Ion-Implanted Si	Natl. Sci. Fdn.	173,298 24
Chemistry	Basu	Glycolipid Metabolism in Tumor and Transformed Cells	Natl. Inst. Health	89,700 12
Chemistry	Scheidt	X-ray and Chemical Studies of Metalloporphyrins	Natl. Inst. Health	128,538 12
Biology	Weinstein	Development of Parasitic Helminths <u>In Vitro</u>	Natl. Inst. Health	183,731 12
Biology	Craig, Walker	La Crosse Virus: Effects on <u>Aedes triseriatus</u>	Natl. Inst. Health	19,040 12
Aerospace Mech. Eng.	Brach, Kamman	Interactive Structural Design Software	Bethlehem Steel Corp.	11,910 12
PROPOSALS FOR INSTRUCTIONAL PROGRAMS				
Psychology	Santos, McCabe, Hubbard	A Geriatric Training Model: Gerontological Counseling	Natl. Inst. Health	56,269 12
PROPOSALS FOR OTHER PROGRAMS				
Student Affairs	Van Wolvlear, Neal	Sophomore Literary Festival	Ind. Arts Comm.	21,535 4
Student Affairs	Van Wolvlear, Neal	Sophomore Literary Festival (1985)	Ind. Arts Comm.	29,337 4
Snite Museum of Art	Porter	George Rickey Exhibition	Ind. Arts Comm.	38,005 12
Psychology	Santos, Hubbard	Geriatric Mental Health Worker Training Program	Natl. Inst. Health	41,147 12

summary of awards received and proposals submitted

IN THE MONTH OF JANUARY, 1984

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	8	1,008,656	4	52,500	12	1,061,156
Facilities and Equipment	0	0	1	51,000	1	51,000
Instructional Programs	1	7,407	0	0	1	7,407
Service Programs	0	0	3	12,140	3	12,140
Other Programs	1	37,500	0	0	1	37,500
Total	10	1,053,563	8	115,640	18	1,169,203

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	10	1,249,148	10	1,756,231	20	3,005,379
Facilities and Equipment	0	0	0	0	0	0
Instructional Programs	0	0	1	56,269	1	56,269
Service Programs	0	0	0	0	0	0
Other Programs	0	0	4	130,024	4	130,024
Total	10	1,249,148	15	1,942,524	25	3,191,672

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