

'78-'79

# notre dame report

## contents

July 27, 1979

### the university

- 431 Campaign for Notre Dame Exceeds Goal
- 431 Leighton Named to Board of Trustees
- 431 O'Neill Professor Chosen
- 432 Airline Coupon Guidelines

### faculty notes

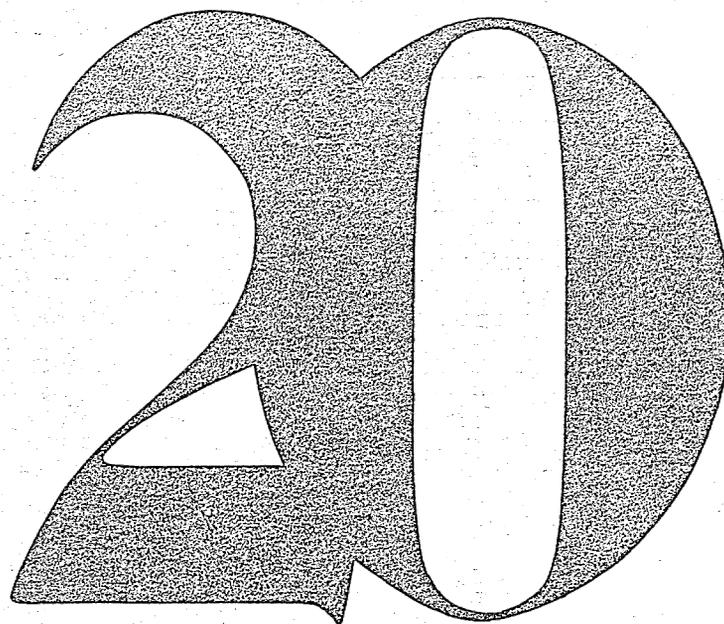
- 432 Appointments
- 432 Honors
- 433 Activities
- 435 Addendum to NDR #4

### office of advanced studies

- 436 Special Notice
- 436 --Erratum
- 436 --Biomedical Research Support Grants for 1979-80
- 436 Notes for Principal Investigators
- 436 --New Rates for Computing Services
- 436 Proper Computer Account Numbers
- 437 Information Circulars

- 437 --United States-Spanish Joint Committee for Educational and Cultural Affairs Cooperative Research Grants (No. FY79-186)
- 437 --Law Enforcement Assistance Administration National Institute of Law Enforcement and Criminal Justice Research Grants (No. FY79-187)
- 437 --National Science Foundation Fellowships for Mathematics Research (No. FY79-188)
- 438 --Office of Education Foreign Language and Area Studies and International Studies Centers Program (No. FY79-189)
- 438 --Office of Education Women's Educational Equity Act Program (No. FY79-190)
- 438 --Department of Energy University Coal Research Laboratories Program (No. FY79-191)
- 439 --The Indiana Committee for the Humanities Science, Technology, Medicine (No. FY79-192)

(continued on back cover)



---

# the university

---

## Campaign for Notre Dame Exceeds Goal

The largest gift ever received from a living person --\$7 million--has put the University's development campaign of \$130 million over its goal more than two years ahead of schedule. A total of \$130.3 million in gifts and commitments has been received since the five-year drive opened in April, 1977. This gift, from an anonymous donor, will build the University's 23rd undergraduate residence hall, enabling it to add 500 women and expand the undergraduate student body from 6,800 to 7,300. The University now has 1,585 women undergraduates.

Twenty-six professorships have been designated, at \$800,000 each. Overall, about three-fourths of the \$92 million goal for endowment has been raised. Virtually all of the \$29.3 million earmarked for physical facilities has been committed, with an \$8 million expansion of engineering facilities to be dedicated next October, the \$2 million Snite Art Museum now under construction, and a \$6 million chemical research building and the \$7 million dormitory on the drawing boards. Another \$30 million in gifts and pledges, including \$13.5 million for current use, rounds out the current total of \$130,387,921.

While the goal has been reached, James W. Frick, vice president for public relations and development, emphasized that the campaign will continue. "Inflation has eroded our ability to meet our institutional needs with the original cost estimates. We now have to raise more money to accomplish the same purposes." Frick also announced the drive had been selected by the Council for Advancement and Support of Education for the grand award as Financial Support Program of the Year.

## Leighton Named to Board of Trustees

George N. Leighton, U.S. district judge of the Northern District of Illinois, has been named to the University Board of Trustees.

Leighton graduated from Howard University with honors in 1940 and went on to Harvard Law School, from which he was graduated, after an interruption for Army service, in 1946. After two years as an Illinois assistant attorney general, Leighton started a law practice which was to become one of the nation's largest predominately black legal firms.

In 1964 Leighton was elected judge of the Circuit Court of Cook County in Illinois. In 1969 he was assigned as appellate judge on the Illinois First District Appellate Court and the next year was elected to a 10-year term as a justice on that court, a position he left in 1976 when appointed by President Gerald Ford to the federal branch.

## O'Neill Professor Chosen

Denis A. Goulet, a senior fellow with the Overseas Development Council (ODC), has been named the William and Dorothy O'Neill Professor in Education for Justice at Notre Dame.

Goulet has been a fellow of the ODC since 1974. The council, whose board is headed by Rev. Theodore M. Hesburgh, C.S.C., is based in Washington, D.C., and promotes the interests of the Third and Fourth Worlds. Goulet has worked and done research in such countries as France, Spain, Algeria, Lebanon, Brazil, India, Sri Lanka, Haiti, Senegal and Guinea-Bissau.

---

Volume 8, No. 20

July 27, 1979

Notre Dame Report (USPS 707-080) is an official publication published fortnightly during the school year, monthly in summer, by the University of Notre Dame, Department of Information Services. Second-class postage paid at Notre Dame, Indiana.

© 1979 by the University of Notre Dame, Notre Dame, Indiana 46556. All rights reserved.

---

His writings principally address three areas: theoretical approaches to social change through the critical examination of values underlying competing visions of development, multidisciplinary research and planning methods, and development strategies adapted to diverse cultural and institutional settings.

## Airline Coupon Guidelines

During a recent promotion, United Airlines and American Airlines issued to their passengers discount coupons which entitle them to fly on a future flight at half-fare. These coupons are good thru mid-December.

The University would like to remind its employees that any coupons received while traveling at University expense should be turned over to their department head to help defray the cost of future departmental travel. Should department heads not be able to use the coupons to defray future departmental travel expense, they should advise their dean or other immediate superior of the availability of such coupon(s) for use by other departments.

- From the Office of the Comptroller.

---

# faculty notes

---

## Appointments

Rev. John A. Melloh, S.M., concurrent assistant professor of theology, has been appointed the new director of the Notre Dame Center for Pastoral Liturgy.

## Honors

Salvatore J. Bella, Jesse Jones Professor of Management, was re-elected to the board of directors of the Forever Learning Institute, the educational arm of the Harvest House of the diocese of Fort Wayne-South Bend, May 22.

Byung T. Cho, associate professor of management, was elected executive vice president of the Michiana chapter of the Institute of Management Science.

Bernard Dobranski, professor of law, was one of 15 individuals chosen nationally to participate in the American Bar Association's Arbitration Development Program. The second phase of that program was held from June 4-6, 1979 at Airlie House in Airlie, Va.

James F. Gaertner, assistant professor of accountancy, has been named chairman of the Committee on Internationalization Section of the American Accounting Association.

John A. Halloran, assistant professor of finance, was an Ayres Fellow at Stonier Graduate School of Banking of the American Bankers Association at Rutgers University, June 10-22.

Louis Hasley, professor emeritus of English, has been elected president of the new board of directors of the Forever Learning Institute.

A. Murty Kanury, associate professor of aerospace and mechanical engineering, has been invited to join the editorial board of the Fire Safety Journal, published by Elsevier Sequoia S.A. of Switzerland and edited by D.J. Rasbash of the University of Edinburgh, Scotland.

James L. Melsa, chairman and professor of electrical engineering, has been elected a member of the Administrative Committee of the Control Society of the Institute of Electronics Engineers for a three-year term effective January 1, 1980.

William D. Nichols, assistant professor of accountancy, was appointed to the Accounting and Auditing Procedures Committee of the Michigan Association of Certified Public Accountants.

Morris Pollard, chairman and professor of microbiology and director of the Lobund Laboratory, was named a Distinguished Alumnus by the Ohio State University, College of Veterinary Medicine, Columbus, Ohio.

Norlin G. Rueschhoff, chairman and associate professor of accountancy, was elected vice president for education, Michiana chapter, of the National Association of Accountants for the 1979-80 year.

James H. Seckinger, associate professor of law, has been named the director of the National Institute for Trial Advocacy.

Willbann D. Terpening, assistant professor of management, was elected educational vice president of the Michiana chapter of the Institute of Management Science.

## Activities

Teoman Ariman, associate professor of aerospace and mechanical engineering, chaired three sessions and presented two papers at the 3rd National Congress on Pressure Vessels sponsored by the American Society of Mechanical Engineers held in San Francisco, June 24-30: "A Review of the Response of Buried Pipelines under Seismic Excitations," and "A Finite Element Analysis of Buried Pipelines under Seismic Excitations." On June 28 Ariman presented a lecture, "Electrostatic Filtration of Aerosols and Industrial by Fibrous and Fabric Filters" at the Lawrence Livermore Laboratory, Livermore, Calif.

Subhash C. Basu, associate professor of chemistry, presented the following papers and seminars as an invited speaker during his recent leave of absence: "Differentiation of Human Neuroblastoma Cells" at the Guha Research Conference, Kajiranga, India, Feb. 1-4; "Biosynthesis in vitro of Blood Group Related Glycosphingolipids" at the Indian Institute of Experimental Medicine, Calcutta, India, Feb. 14; "Selective Inhibition of DNA Synthesis by Nonhistone Chromosomal Proteins and Lectins" at the Indian Institute of Experimental Medicine, Calcutta, India, Feb. 21; "Probable Role of Glycoconjugates on Differentiation of Tumor Cells" at the Department of Biochemistry, University of Calcutta, Calcutta, India, Feb. 26; "Biosynthesis of Gangliosides in Tissues" at the C.N.R.S. International Symposium on Structure and Function of Gangliosides, Le Bischenberg, France, April 27; "Biosynthesis of Blood Group Related Glycosphingolipids in Animal Tissues and Cultured Cells" at the Clinical Research Centre, Harrow, England, May 3; "Biosynthesis of Nonfucose and Fucose-Containing Glycosphingolipids" at the Department of Biochemistry, University College London, London, England, May 4; and "Role of Glycoconjugates on DNA Replication in Neuroblastoma Cells" at the Department of Biochemistry, The Chicago Medical School, Chicago, Ill., May 29.

Salvatore J. Bella, Jesse Jones professor of management, addressed the Sales and Marketing Executives Association on "Selling as a Profession" at their Distinguished Salesman's Award Dinner held in Indianapolis on March 17.

Harvey A. Bender, professor of biology, testified as an expert witness in a New Jersey hearing on a request by a Sparta, N.J. couple to sterilize their 18-year old daughter suffering from Down's Syndrome (mongolism).

Gene M. Bernstein, assistant professor of English, presented a paper "Keats's 'Ode on a Grecian Urn': Individuation and the Mandala" at a conference on "Jungian Perspectives on Creativity and the Unconscious," at Miami University in Oxford, Ohio, on June 4.

David Blessing, glassblower in the Radiation Laboratory, presented a paper, "When Striving to Achieve Almost Nothing Can Be a Challenge to the Glassblower" at the American Scientific Glassblowers Society symposium, Detroit, Mich., June 25-29.

Frank J. Bonello, associate professor of economics, presented two papers at the Western Economic Association Conference held in Las Vegas, June 17-21: "Inflation, The Money Supply and Expected Interest Rates" (co-authored with W.R. Reichenstein of Trinity University) and "Some Determinants of Cognitive Achievement in Economics at the Primary Grade Level" (co-authored with P.A. Natke and Thomas R. Swartz, professor of economics). Bonello also served as a discussant at a session on Economic teaching.

Frank E. Booker, professor of law, has filed an Amicus Curiae brief in the U.S. Supreme Court on behalf of the Michigan Bar, defending the marital testimonial privilege.

James J. Carberry, professor of chemical engineering, spoke on catalytic reaction engineering and bimetallic catalysis at several universities in Europe during April and May: the Polytechnico and the Physical Chemistry Department of the University of Milano, Italy; the Italian Chemical Society, also in Milano; the Polytechnico of the University of Torino, Italy; the University of Bologna; the University of Florence; the Polytechnico of the University of Naples; the British Petroleum company in London; the Chemical Engineering Department of the University of Edinburgh; and the Chemical Engineering Department of the University of Swansea, Wales.

Wendy Carleton, assistant professor of sociology and anthropology, gave a paper, "The Social Creation of the 'Defective Neonate'" at a conference entitled: "Ethical Issues in Human Reproductive Technology: Analysis by Women", at Hampshire College, Amherst, Mass., June 24-30.

Ian Carmichael, scientist in the Radiation Laboratory, presented a paper, "Moment Theory Analysis of  $e_{RH}$  Optical Absorption Spectra" at the Colloque Weyl V, Fifth International Conference on Excess Electrons and Metal Ammonia Solutions, Aviemore, Scotland, June 23-29.

Bernard Dobranski, professor of law, was on the Negotiation-Arbitration panel held at the National Conference on Legal Education-Curriculum for Change, held at Notre Dame on May 30.

Robert A. Dreves, instructor in marketing, conducted a seminar, "Selecting Your Marketing Strategy" for the Hagger-Nambac Seminar, May 22 at the Notre Dame Center for Continuing Education. Dreves also spoke on "Advertising Strategies in an Inflationary Economy" at Goshen College's annual Small Business Seminar on May 5.

Msgr. John J. Egan, special assistant to the President and director of the Center for Pastoral and Social Ministry, participated in a Think Tank on Shared Responsibility in the Church at Notre Dame, June 18-20. Egan also was the chairperson of the opening session of the National Congress on Church Related Colleges and Universities, held at Notre Dame, June 21-23.

Linda C. Ferguson, assistant professor in the General Program of Liberal Studies, accompanied operatic bass-baritone Ralph Klapis in a recital of musical selections for the Ladies of Notre Dame on May 1.

Canon A.L. Gabriel, director of the Frank M. Folsom Ambrosiana Microfilm and Photographic Collection, spoke on "Etienne Gilson and the Intellectual History of the University of Paris During the Last Quarter of the 15th Century" at a congress honoring the late Etienne Gilson at the College de France, Paris, May 28-29.

James F. Gaertner, assistant professor of accountancy, addressed the Independent Bankers Association of Indiana at the annual convention on "Coping with Upcoming Economic Changes," Nashville, Ind., May 8.

Edward M. Gaffney, Jr., associate director of the Center for Constitutional Studies and concurrent associate professor of law, testified before the Senate Foreign Relations Committee on the constitutional allocation of power in the termination of treaties, April 11.

Animesh Ghoshal, assistant professor of finance, chaired the session "Old and New Forms of Involvement" at the annual meeting of the Academy of International Business, held in Las Vegas, June 19.

Sean V. Golden, assistant professor of English, delivered three papers at the Seventh International James Joyce Symposium held in Zurich, June 11-16: "Parsing Rhetorics in Finnegans Wake (pp. 34-36)," "An Archetypal Approach to Finnegans Wake," and "The Politics of Joyce's Language: Language as Politics." He also chaired the panel on Joyce and Jung and conducted a professional workshop on reading Finnegans Wake. The remarks on Joyce and Language and Politics were filmed as part of a television program, "Gesprachen mit Joyce," coproduced by several German, Swiss, and Austrian television networks, for broadcast in Europe. Golden also delivered two lectures, "Joyce's Irishness," and "Narrative in Joyce," at the University of Zurich, on June 20 and June 27, and addressed and directed workshops at the "Aachen Symposium on Postmodernism" at the Institut fur Anglistik of the Rheinische-Westfalischen Technischen Hochschule in Aachen, Germany, June 29 and July 2.

A. Murty Kanury, associate professor of aerospace and mechanical engineering, gave a presentation, "Some Factors Hindering Faculty Development at the University," at the 87th annual conference of the American Society for Engineering Education, Louisiana State University, Baton Rouge, June 25-28.

Lawrence H.N. Lee, professor of aerospace and mechanical engineering, presented a paper, "Dynamic Yielding of Tubings under Biaxial Loadings" at the 3rd U.S. National Congress on Pressure Vessels and Piping held in San Francisco, June 25-29.

John W. Lucey, associate professor of aerospace and mechanical engineering, recently participated in two panel discussions on "Nuclear Safety" that were aired on television, one aired by WNIT on June 7 and 8, and the other on WSBT-TV's Assignment 22 on June 23.

Edward Mayo, associate professor of marketing, delivered two papers, "Curriculum Needs in Tourism" and "The Pleasure Traveler: In Search of Consistency or Variety?," at the 10th annual conference of the Travel Research Association in San Antonio, Tex., June 3-5.

Philip R. Moots, director of the Center for Constitutional Studies and concurrent associate professor of law, spoke to the Council for Advancement and Support of Education in New Orleans on "Government Regulation Policy in Higher Education," July 10.

Thomas J. Mueller, professor of aerospace and mechanical engineering, presented an invited lecture, "Supersonic Smoke Visualization Techniques," at the U.S. Army Ballistics Research Laboratories, Aberdeen, Md., on June 21.

Morris Pollard, chairman and professor of microbiology and director of Lobund Laboratory, participated in a seminar on bioethics called by the National Endowment for the Humanities in Washington, D.C., May 11.

Charles Primus, assistant professor of theology, chaired a section on "The Reaction of the Christian Churches to the Holocaust," at the University of Haifa, Israel, at a conference entitled, "The Aftermath: The Impact of the Holocaust on Jews and Non-Jews in Europe" on May 23.

Shan-Jen Sheng, assistant professional specialist in the Radiation Laboratory, presented a paper, "Laser Induced Fluorescence of Cyclohexadienyl Radicals" at the 34th annual Symposium of Molecular Spectroscopy, held at Columbus, Ohio, June 11-15.

J. Kerry Thomas, professor of chemistry, organized a symposium on Photochemistry in Microemulsions and presented an invited paper, "Structure of Microemulsions" at the American Chemical Society Colloid Symposium at Rolla, Mo., June 11-13.

Kenneth R. Thompson, assistant professor of management, conducted a workshop, "Teaching a Case Course in a Noncase Course School" at the Organizational Behavior Teaching Conference, Cincinnati, on June 23.

G.N.R. Tripathi, assistant professional specialist in the Radiation Laboratory, presented a paper, "Multiplet Structures in the Vibrational Spectra of Crystalline Phenol" at the 34th annual Symposium of Molecular Spectroscopy, held at Columbus, Ohio, June 11-15.

Anthony M. Trozzolo, Huisking Professor of Chemistry, delivered a plenary lecture, "Degradation of Polymers: Basic Principles" and a session lecture, "Mechanisms and Strategies for Stabilization Against Photodegradation" on June 18 at the conference on "Advances in the Stabilization and Controlled Degradation of Polymers," Lake Mohonk, New Paltz, New York sponsored by the Institute in Polymer Science and Technology, SUNY, New Paltz, N.Y.

Robert P. Vecchio, assistant professor of management, presented a paper, "Predicting Subordinate Satisfaction from the Contingency Model of Leadership" at the annual meeting of the Institute of Management Sciences in Honolulu, June 22.

Erhard M. Winkler, professor of earth sciences, spoke on "Stone Preservation--A Controversy" for the National Park Service in Chaco Canyon, N.M., June 3, and in Denver, Colo., June 12.

## Addendum to NDR #4

The following faculty members taught in the spring semester, 1979, and were not previously listed in the Notre Dame Report.

EDWARD BEAUCHAMP, Adjunct Assistant Professor of Law. B.S., Univ. of Detroit, 1964; M.B.A., *ibid.*, 1966; J.D., Notre Dame Law School, 1975.

MELISSA J. BOHL, Concurrent Instructor in Music. B.Mu., Eastman School of Music, 1972; M.A., Univ. of Notre Dame, 1978.

EMERSON W.T. CHAN, Adjunct Assistant Professor of Microbiology. B.S., Mt. Allison Univ., 1962; M.S., Dalhousie Univ., 1966; Ph.D., Univ. of Western Ontario, 1970.

NANCY CHARLOTTE CREAGH, Visiting Assistant Professor of Law. B.S., Loyola Univ., 1972; M.B.A., DePaul Univ., 1974; J.D., Loyola Univ., 1977; LL.M., New York Univ., 1978.

BROTHER JOHN G. DORAN, C.S.C., Concurrent Assistant Professor of English. B.S., Rockhurst College, 1942; M.A., Univ. of Notre Dame, 1953; Ph.D., Univ. of California at Los Angeles, 1974.

JOHN P. FOHRAN, Associate Professional Specialist in Urban Studies. B.A., John Carroll Univ., 1967; J.D., Univ. of Notre Dame, 1970.

JOHN J. GAVIN, Adjunct Associate Professor of Microbiology. B.S., Rutgers Univ., 1949; M.S., *ibid.*, 1950; Ph.D., *ibid.*, 1964.

DENNIS R. HUMPHRIES, Adjunct Instructor of Architecture. B.S.Arch., Univ. of Illinois, 1973; M.Arch., *ibid.*, 1979.

EBERHARD W. JANATA, Assistant Professional Specialist in the Radiation Laboratory. Dipl.Ing., Berlin-Technische Univ., 1971; Dr.Ing., *ibid.*, 1975.

R. KINGSLEY TONI, Adjunct Assistant Professor of Biology. A.B., Villa Madonna College, 1966; Ph.D., Indiana Univ., 1971.

IRENE PASS LEAHY, Staff Professional Specialist in the Center for Pastoral and Social Ministry. B.A., DePaul Univ., 1949; M.A. (English), Univ. of Notre Dame, 1969; M.A. (Psychology), *ibid.*, 1978.

EDWARD OI-WO LO, Visiting Assistant Professor of Electrical Engineering. B.S., Univ. of California at Santa Barbara, 1972; M.S., Stanford Univ., 1973; Ph.D., Univ. of California at Berkeley, 1978.

ENRICO MARTINEZ, Visiting Assistant Professor of Chemical Engineering. B.S., Univ. Nacional Autonoma de Mexico, 1968; M.S., Univ. of Notre Dame, 1969; Ph.D., *ibid.*, 1972.

REV. ENDA MCDONAGH, Visiting Professor of Theology (Catherine F. Huisking Professor). B.Sc., Maynooth, 1951; B.D., *ibid.*, 1954; D.D., *ibid.*, 1957; L.Ph., Angelicum, Rome, 1958; L.C.L., Gregorian Univ., 1959; D.C.L., Univ. of Munich, Germany, 1960.

ALEXANDER A. PETRAUSKAS, Part-Time Associate Professor Emeritus of Physics. B.S.E.E., Univ. of Notre Dame, 1931; M.S., *ibid.*, 1938; Ph.D., Massachusetts Institute of Technology, 1941. (1941-1973; 1974-1977; 1979)

ALVIN PLANTINGA, Adjunct Professor of Philosophy. A.B., Calvin College, 1954; M.A., Univ. of Michigan, 1955; Ph.D., Yale Univ., 1958. (1977, 1978-Spring Semester, 1979-Spring Semester)

JEAN ANNETTE ROSENBERG, Assistant Librarian. B.A., Kalamazoo College, 1968; M.L.S., Western Michigan Univ., 1969.

KATHRYN MARIE RYAN-ZEUGNER, Visiting Staff Librarian. B.A., Albertus Magnus College, 1962; M.S., Columbia Univ., 1967.

CHARLES R. STAFFORD, Adjunct Instructor in Architecture. B.S.Arch., Univ. of Michigan, 1973; M.Arch., *ibid.*, 1976.

JUDITH K. STERLING, Staff Librarian. A.B., Univ. of Chicago, 1966; M.A.T., *ibid.*, 1968; M.S.L., Western Michigan Univ., 1977.

JAMES F. WARD, Adjunct Instructor in Accountancy. B.A., Lewis Univ., 1973. (1979-Spring Semester)

# office of advanced studies

## Special Notice

### Erratum

In the Special Notice on page 377, Issue No. 18, June 8, 1979, Notre Dame Report, concerning awards under the Faculty Research Fund for 1978-79, Dr. Stephen M. Batill was listed as being in the Dept. of Electrical Engineering. The entry should have been:

- \* Prof. Stephen M. Batill, Dept. of Aerospace and Mechanical Engineering. Flow visualization using the smoke-wire technique. \$2,462.

### Biomedical Research Support Grants for 1979-80

The Office of Advanced Studies announces the following Biomedical Research Support Grants for 1979-80. The grants were determined by college committees in response to competitive proposals for funds allocated to the colleges.

- \* Dr. Wendy Carlton, Dept. of Sociology and Anthropology. Preliminary study on the transfer of the paradigm of informed consent: From clinical investigation to product liability. \$1,009.
- \* Dr. Gary R. Burlison, Dept. of Microbiology. Antiviral and antitumor effects of interferon types I and II. \$5,000.
- \* Dr. John G. Duman, Dept. of Biology. The role of thermal hysteresis proteins in insects. \$5,000.
- \* Dr. Harald Esch, Dept. of Biology. Neuronal basis of the perception of weak magnetic fields. \$3,775.
- \* Dr. Thomas P. Fehlner, Dept. of Chemistry. Characterization of the electronic structure of the active sites of iron-sulfur proteins. \$5,000.
- \* Dr. Frederick W. Goetz, Jr., Dept. of Biology. Steroid production during oocyte final maturation in yellow perch (*Perca flavescens*) and brook trout (*Salvelinus fontinalis*) and prostaglandin levels during ovulation in yellow perch. \$5,000.
- \* Dr. Conrad J. Kowalski, Dept. of Chemistry. Acrylate anion equivalents for the synthesis of medically interesting compounds. \$4,700.
- \* Dr. Charles F. Kulpa, Jr., Dept. of Microbiology. The molecular effects on RNA virus replication of delivering antiviral polyribonucleotides to infected cells by large unilamellar liposomes. \$4,525.
- \* Dr. Jay A. Labinger and Dr. J. Kerry Thomas, Dept. of Chemistry. Permanent micelles and membranes. \$5,000.

## Notes for Principal Investigators

### New Rates for Computing Services

The cost of using computer resources changed, effective July 1, 1979. These new rates have caused a change in the recommended cost figures to be used by principal investigators when submitting estimates for computing services in proposal budgets.

The new recommended rates are as follows:

Batch processing	\$483 per CPU hour
Time sharing option	\$4.60 per connect hour (actual wall clock time)

Again, the Computing Center recommends that if the principal investigator does not know if they plan to use Batch or TSO Processing, that they use the figure for Batch Processing in their estimates.

### Proper Computer Account Numbers

This note is an attempt to clarify the use of computer account numbers by both graduate students and their faculty advisors. Any questions on the following should be referred to the Computing Center, Extension 2811.

1. It is the responsibility of each individual user to use the proper account number assigned to him or her for each project being pursued. For some individuals this may mean the use of several different account numbers. Also, since each TSO ID number is assigned to a particular account, more than one TSO ID number may be needed.
2. There are several ways in which an account number is assigned. When obtaining an account number, a full explanation and description of the circumstances will aid the Assistant Director for Administration to assign the proper account number. The following situations occur most frequently:
  - a. Thesis and dissertation work that is not part of a funded grant. All thesis and dissertation work will be charged to a course in which a graduate student is registered. Normally this is a course entitled "Thesis Research" or "Dissertation Direction," etc. Note: The third character in this account number is "A".
  - b. Thesis and dissertation work that is part of a funded grant. Thesis and dissertation work that is part of a funded grant will be charged to the account number assigned to the funded pro-

ject. The account number is assigned by the Computing Center and the Accounting Department. All work performed during the period specified in the grant should be charged to this account until all budgeted funds for computing services have been used. At that point all work done strictly for a thesis or dissertation would then be charged as indicated in Item No. 2.a. Note: The third character of this account number is "F".

c. Work performed on behalf of a faculty member as part of a graduate student's assigned duties, with the work not supported by an outside agency. This type of work will be charged to a University Sponsored Research account. None of this work should be a part of the student's thesis or dissertation. Note: The third character of this account number is "E".

d. Work performed on behalf of a faculty member as part of a graduate student's assigned duties, with the work being supported by an outside agency (even if the budget does not contain funds for computing services). This type of work will be charged to the account number assigned to the sponsored project. The account number for the project is assigned by the Computing Center and the Accounting Department. All work performed during the period specified in the project should be charged to this account even if the charges exceed the amount allocated in the budget. Note: The third character of this account number is "F".

3. This directive will impose an extra burden on computer users. But, both legal requirements and the financial stability of the University require compliance with the policy of properly charging the correct account for computing services provided. It is the responsibility of each individual to inquire and be sure of the proper classification for computing services.

## Information Circulars

Additional information on all circulars listed below may be obtained by calling the following extensions:

Extension 7432, for information on federal government programs.

Extension 7433, for information on private foundations, corporations and state agencies.

## United States-Spanish Joint Committee for Educational and Cultural Affairs Cooperative Research Grants

No. FY79-186

The U.S.-Spanish Joint Committee for Educational and Cultural Affairs has announced the availability of cooperative research grants. Applications to subsidize cooperative research projects between U.S. and Spanish institutions in the humanities, arts, psychology, anthropology, social sciences, political sciences, law, economic sciences, education sciences and the communication sciences will be considered.

## Law Enforcement Assistance Administration National Institute of Law Enforcement and Criminal Justice Research Grants

No. FY79-187

A competitive research grant program aimed at developing an understanding of the policies, practices and behaviors that affect fairness and efficiency in criminal courts has been announced by the Law Enforcement Assistance Administration's National Institute of Law Enforcement and Criminal Justice.

NILECJ is seeking concept papers in three categories of studies: (1) incentive structures and sanctioning systems in the courts; (2) effects of speedy case processing on fairness and equity; and (3) the role of the trial court administrator in the pretrial process. Full proposals will be requested following a peer review process in accordance with the criteria set forth in the NILECJ solicitation.

NILECJ is also seeking research proposals for a program in research and evaluation methodology development.

## National Science Foundation Fellowships for Mathematics Research

No. FY79-188

A competition for postdoctoral research fellowships in the mathematical sciences has been announced by the National Science Foundation. The fellowships will be for tenure periods of one or two years and will carry early stipend of \$15,000 for full-time research.

The research fellowship competition will be open to United States citizens or nationals who are recent doctorate recipients (Ph.D. awarded after Jan. 1975). Selections will be based mainly on the ability of each applicant, the likely effect on the future scientific development of each applicant and the scientific quality of the research likely to emerge. Applicants cannot previously have held any other NSF postdoctoral fellowship.

All awards to be made will be subject to the federal provisions in the NSF brochure entitled Information for Mathematical Sciences Postdoctoral Research Fellows, which will be mailed to successful applicants. Each applicant will be required to submit a research plan for the tenure period requested. The fellowships are not to be used for the support of preparing prior research results for publication or for the writing of textbooks.

## Office of Education Foreign Language and Area Studies and International Studies Centers Program

No. FY79-189

Applications are being invited for new projects under the Foreign Language and Area Studies Fellowships Program and the International Studies Centers Program. The Fellowships and the Centers Programs issue awards to institutions of higher education; consortia applications are eligible but must be submitted by a member institution.

The purpose of the awards under the Fellowships Program is to assist individuals undergoing advanced training in modern foreign languages and related area studies through awards to approved institutions. The purpose of the awards under the International Studies Centers Program is to provide general assistance for programs in language and area studies and in international studies.

## Office of Education Women's Educational Equity Act Program

No. FY79-190

The Women's Educational Equity Act (WEEA) Program is a discretionary program in the Office of Education. It was reauthorized by the Education Amendments of 1978 (Pub. L. 95-561) as Title IX, Part C, of the Elementary and Secondary Education Act. Its purpose is to promote educational equity for women and to provide financial assistance to enable educational agencies and institutions to meet the requirements of Title IX of the Education Amendments of 1972. The authorization is \$80 million.

The act has two very different programs. The first supports demonstration, developmental and dissemination activities of national, statewide or general significance. This program continues the basic policy under the current Women's Educational Equity Act of 1974. It has focused on the development of materials and model programs that (a) address the most pressing needs in the achievement of educational equity for women, and (b) can be used widely throughout the country.

If the appropriation for the Act exceeds \$15 million, a new and wholly different type of program is now also authorized. It provides grants to assist projects of local significance. These grants would be directed primarily to local educational agencies (LEAs), to enable them to establish and operate projects of equal opportunities for both sexes, including activities to achieve compliance with title IX.

The two programs together represent a comprehensive strategy to provide both national leadership and local support to bring about that genuine educational equity for both sexes that is the ultimate goal of the program.

The act authorizes activities at all levels of education: preschool, elementary and secondary education, higher education, and adult education. The act provides likewise for an extremely broad range of program activities: the development, evaluation and dissemination of curricula, textbooks, and other educational materials; training of educational personnel; research and development; guidance and counseling activities; educational activities for unemployed and underemployed adult women; and new and expanded educational programs for women in vocational education, career education, physical education and educational administration.

The law specifies that public agencies, nonprofit private agencies, organizations and institutions--including student and community groups--and individuals are eligible for grants and contracts.

During the past three years, the WEEA Program has awarded a total of 220 single or multi-year grants and 17 contracts for a total of \$21,625,000. Included in this number are 68 small grants, which are specifically authorized in the act to support innovative approaches to educational equity.

The WEEA Program has undertaken several major national initiatives through contracts. Three have focused on technical assistance for compliance with title IX through the development of training materials and workshops at the national, regional, state and local levels. Two other contracts responded to repeated requests to receive assistance in planning and developing proposals to address equity issues. Technical assistance materials were designed for training workshops held across the country. These materials and additional materials on title IX will soon be available to the public through the U.S. Government Printing Office.

A third major initiative responded to a national need to establish a network center that could organize the rapidly increasing volume of information about research, materials, films, programs and groups that focus on women's equity and then could provide the public with ready access to the information.

Finally, there is a contract to develop radio and television spots and programs as part of a public information campaign to educate women and men about the issues and problems, as well as the available opportunities, in the achievement of educational equity for women.

## Department of Energy University Coal Research Laboratories Program

No. FY79-191

The University Coal Research Laboratories Program is established under the direction of the Office of Energy Research, DOE, for the purposes of expanding research on coal as an energy resource and the training of advanced students and others through participation in such research.

The broad objectives of the University Coal Research Laboratories Program (UCL Program) are as follows:

1. The establishment of a network of coal research laboratories at institutions of higher education which are committed to conducting coal research;
2. The stimulation of coal research in institutions of higher education;
3. The training of advanced students and others through participation in coal-related research;
4. The establishment of research programs for the characterization of coal in support of UCL research efforts; and
5. The promotion of exchange of coal research information.

Within the scope of the UCL program objectives, each UCL shall conduct a research program which addresses significant coal-related research problems and which provides coal research experience to advanced students and others. The coal research program shall build on existing or potential institutional capabilities and resources and focus a majority of the research effort in one or more programmatic research areas reflecting these institutional strengths. Each UCL coal research program shall represent a balance between research and training and, within institutional capabilities, shall address coal research problems of general and/or regional nature. To bring the broadest range of capabilities to bear on its research problems, each UCL shall engage in collaborative research, where appropriate, through cooperative arrangements with other academic institutions, laboratories, industry or other organizations. Each UCL shall have a program for fundamental research on the physical and chemical characteristics of coal to be conducted in direct support of its UCL program activities. This latter research activity may serve as a focal point for the exchange of coal characterization information on research needs and results with representatives of private industry. A UCL coal characterization program shall not provide services in competition with commercial laboratories capable of offering these services, nor supplant or duplicate such services as are normally provided by commercial laboratories. Each UCL shall establish and maintain regular communication with the public and private sectors, including state and local governments, the coal producing industry, coal users, the general public and other institutions and organizations concerned with the problems and issues of research on coal as a source of energy. Through such interactions, each UCL shall disseminate information on its research accomplishments and seek input concerning research needs and problems.

The closing date for proposals is Sept. 13, 1979.

## The Indiana Committee for the Humanities Science, Technology, Medicine

### No. FY79-192

The Indiana Committee for the Humanities is particularly interested in science, technology and medicine during 1979-1980. The following programs are available:

The Albert Einstein Traveling Exhibit: 1979 marks the 100th birthday of Albert Einstein. In honor of the centennial, the Institute for Advanced Studies and the American Institute of Physics have prepared a graphic

exhibit on the life and work of this scientist. ICH would like to have the exhibit publicly displayed throughout the state. The ICH Resource Center is able to pay for shipping and insurance; available also are a speaker, publicity aids and discussion materials.

Special Emphasis on the Sciences in Grant Awards: ICH is eager to review grant applications on the sciences and the humanities, as well as projects directed towards nonprofessional working audiences, humanist residencies for small towns, programs aimed at community leaders and projects concerning taxation.

Planning Grants: In an effort to encourage innovative projects in the above areas, ICH is offering special planning grants of up to \$800. These grants may be used to explore the feasibility of an idea prior to a full-scale grant application, or "test the waters" with a pilot or small experimental program.

Over the past three years the ICH Resource Center has accumulated a library of materials about science, technology, energy, medicine and the environment. A current listing follows. There is no charge; in the case of videotapes and films, the material must be insured.

The list of films, videocassettes, audiocassettes, books, etc., is too exhaustive to include here. For a complete list, including material provided, contact The Office of Advanced Studies, Division of Research and Sponsored Programs, Extension 7433.

## The Indiana Committee for the Humanities Outreach Programs

### No. FY79-193

The Indiana Committee for the Humanities, through its Outreach Program, furnishes a presentation, a discussion leader, even discussion and publicity materials, at no cost to the University for relatively small public programs. There are two ways to design an "Outreach Program." First, one can choose one of the programs already developed. Second, ICH will jointly design a program tailored to one's specific needs.

For further information, contact:

Mr. Mark Rozeen  
The Resource Center  
4200 Northwestern Avenue  
Indianapolis, IN 46208  
Telephone: (317) 925-7195

Outreach Programs available include the following. For more detailed descriptions, contact the Office of Advanced Studies, Division of Research and Sponsored Programs, Extension 7433.

Alternative Public Schools.

From Betsy Ross to the Woman Boss.

The Futurables.

How to Win Votes and Influence Legislation.

I Can't Quit.

Making the Pieces Fit.

Once There Was a City.

A Shared Experience.

Cross-Wabash Valley Waterways: Conflicts in Priorities.

What Do You Do With a Donut?

Who Has the Right?

Areas covered include history, philosophy, literature, folklore, law, the critical study of the arts, etc.

**American Lung Association - New York  
Research Grants  
Institution Pediatric and Adult  
Pulmonary Disease Training Grants  
Fellowships in the Field of Prevention  
and Control of Lung Disease**

No. FY79-194

The American Lung Association, National Headquarters, New York, has announced the availability of funds to assist outstanding individuals for training in the field of prevention and control of lung disease.

Programs:

The Following Programs Are Available:

**1. Research Grants.**

The research may be laboratory, clinical, epidemiological, social or other but must be relevant to lung disease. The funds are considered "seed money" for the support of young, not already established, investigators. Research support is in the \$10,000-\$15,000 range per year. No overhead charge is allowed. Support is for one- or two-year projects.

Deadline:

Applications for the grant year beginning July 1, 1980 must be submitted by Dec. 1, 1979.

**2. Institution Pediatric and Adult Pulmonary Disease Training Grants.**

Funds are provided to institutions which have training resources for a fellowship in the field of prevention and control of pediatric or adult lung disease. The program is to provide "seed money" for training programs which otherwise are unable to achieve sufficient financial support for a "first" fellow to be accepted into the program. The objective is to stimulate the development of training programs, not already established, for the training of teachers, scientific investigators and clinicians in the field of pediatric and adult lung disease. Awards are for the stipend of one fellowship at \$12,000 per year for three years.

Deadline:

Oct. 1, 1979.

**3. Fellowships:**

Edward Livingston Trudeau Fellowships are awarded to physicians who have completed graduate training in the field of lung disease and who have appointments in medical schools. The award requires a supplement by the medical school. Awards are up to \$15,000. Renewals possible for a total of three years.

Training Fellowships. Directed toward a career in the prevention and control of lung disease; preferentially to physicians entering the second year or later year of residency and to individuals holding the degree of M.D., Ph.D. or Sc.D., or others with comparable qualifications, for further training as scientific investigators in this field. Priority will be given to ap-

plicants interested in academic careers. Awards are up to \$12,000.

Deadline:

Oct. 1, 1979.

Nursing Fellowships in Respiratory Disease. Awarded to graduates of baccalaureate nursing schools, who hold a current R.N. license and who wish to prepare themselves as respiratory clinical nurse specialists, teachers or researchers. Awards are up to \$6,000.

Deadline:

April 1, 1980.

Applications:

For applications for any of the above programs, contact:

American Lung Association  
Director of Medical Affairs  
1740 Broadway  
New York, NY 10019

**American Lung Association of Indiana  
Fellowship, Research and  
Professional Student**

No. FY79-195

The American Lung Association of Indiana has announced the availability of funds to assist outstanding individuals for training in the field of prevention and control of lung disease.

Programs:

The Following Programs Are Available:

- 1. Fellowship Program.** Applicants may be physicians, holders of doctoral degrees, graduate students (i.e. health education) or candidates for an advanced degree, all with a specific interest in respiratory health.
- 2. Research Program.** Availability of research grants to assist investigators in carrying out research in the field of prevention and control of lung disease. The research may be clinical, laboratory, epidemiologic, social or other but should be relevant to lung disease. Such funds are considered "seed money" for the support of younger investigators.
- 3. Professional Student Traineeship.** A special program available to assist outstanding students who have completed at least the first year of their health professional education to accomplish a well-defined project that contributes to the prevention and control of lung disease. Eligibility would include, but would not be limited to, medical students, nursing students, respiratory therapy students, health education students.

Deadline:

Deadline for all applications is Oct. 1, 1979.

Applications:

Applications for the 1980-81 fiscal year may be obtained by contacting:

Managing Director  
American Lung Association of Indiana  
30 East Georgia Street, Room #401  
Indianapolis, IN 46204  
Telephone: (317) 632-3383

## The Wilson Center Fellowships

No. FY79-196

Program:

The Wilson Center seeks to commemorate through its residential fellowship program of advanced research and communication both the scholarly depth and the public concerns of Woodrow Wilson.

Divisions:

The Division of Historical and Cultural Studies is devoted to research in all of the fields encompassed by the humanities and the liberal and creative arts, and especially welcomes proposals relating the concerns of these areas of inquiry to contemporary life.

The Division of Social and Political Studies is designed to accommodate proposals in the fields of government and international relations, jurisprudence, sociology, economics, anthropology, psychology and other related disciplines.

Programs:

- \* The Kennan Institute for Advanced Russian Studies.
- \* The Latin American Program.
- \* The International Security Studies Program.

Annual Theme:

For 1980, the theme will be "Problems of Authority and Participation in Modern Society."

Eligibility:

For academic participants eligibility is limited to the postdoctoral level, and normally it is expected that academic candidates will have demonstrated their scholarly development by the publication of some major work beyond the Ph.D. dissertation.

Stipend:

It is the Center's policy to enable each fellow to meet, but not to exceed, his or her income rate for the preceding year. Each fellow is required to take advantage of any leave, sabbatical or other funding that may be available.

Deadline:

Oct. 1, 1979.

Applications:

For information on application procedures, direct inquiry to a particular division or program, and write to:

Fellowship Office/Room 321  
Woodrow Wilson International Center for Scholars  
Smithsonian Institution Building  
Washington, D.C. 20560

## National Science Foundation United States-India Exchange of Scientists

No. FY80-1

The governments of India and the United States have established a program for increasing the exchange of scientists and engineers between the two countries. In an agreement signed February 14, 1967, the two nations recognized the value of exchange visits by senior level scientists and engineers as one of the more effective means of increasing communication and collaboration between the scientific communities of these countries.

India has the third largest pool of scientists in the world, with experience in a wide range of fields. The opportunities for scientific exchange are supported by a well developed academic establishment and a system of industrially oriented, national laboratories.

The national agencies responsible for administering the exchange program are the National Science Foundation (NSF) in Washington and the Council of Scientific and Industrial Research (CSIR) in New Delhi. The role of each national agency includes selecting its country's participants in the exchange program, acting as host to the visitors from the other country and corresponding with its counterpart agency in the other country.

Senior scientists of the United States wishing to make short visits to India in order to work with Indian colleagues on projects of mutual interest may receive travel support under the United States-India Exchange of Scientists Program. This program offers opportunities to work in new environments with unique research materials and to make long range plans for collaboration with Indian research centers.

Appropriate activities under the Exchange Agreement include collaboration or consultation on specific projects, and planning programs of mutual interest to the United States participants and their Indian colleagues.

Lecturing or attending scientific conferences may be included in the visit, but should be part of a broader program.

The Indian institutions which may be visited under the Exchange Program include the national laboratories administered by the Council of Scientific and Industrial Research, other government or nongovernment science institutions and universities. The final itinerary is arranged with the CSIR through NSF and must be acceptable to both agencies.

The next deadline for submission of proposals is Sept. 15, 1979.

## National Institute of Education Research on Law and Government

No. FY80-2

The National Institute of Education is soliciting grant applications for research on law and government in education. This program will support studies of how legislative, administrative and judicial policies and governmental organizations affect education. The focus will be upon intergovernmental relations and issues raised by federal and state policy, particularly issues of equity in education.

Program purposes are: (1) examining the involvement of federal and state agencies in education, especially their contribution to the promotion of equity through (a) the accumulation of systematic knowledge about how legislative, judicial and administrative policies in education are developed and implemented at the federal and state levels, (b) impact assessment of these federal and state policies on the ways in which local school officials manage education and the variety of services provided to different types of students and, (c) understanding how government units at state and federal levels - in all three branches - are organized and managed to administer education and how the inter-governmental system might be made more effective; and (2) providing information that will assist federal and state education officials to achieve equity objectives through the dissemination of information about various policies and administrative practices and the development of strategies for implementing policy goals.

Within this framework, many different topics, including the following, may be addressed: the roles of different groups in the influencing of education policy; the resolution of disputes among contending interests as a process in formulation of education policy; the varying approaches to implementing new policies that affect individuals at different levels of the education system; the expanded role of the federal government in education policy making; the state role in shaping education policy, actively monitoring local practice, and/or sponsoring innovative programs; the influence of private or quasi-private groups such as testing services, book publishers and accreditation organizations within the education system.

Two types of grants will be awarded: (1) Major grants-for research projects of up to three years duration (a preliminary proposal is required prior to submitting a full proposal); (2) Small grants - for projects of 12 months or less with no more than \$10,000 of direct costs. The purpose of the small grant segment is to offer access to modest research support.

Current estimates are that approximately \$400,000 will be available in the first funding cycle for projects under this program. Application deadline for major grants is Oct. 18 (preliminary proposals). For small grants the application deadline is Aug. 2.

## National Institute of Education Organizational Processes in Education

No. FY80-3

The National Institute of Education has set an Aug. 15, 1979 date as a deadline for receipt of proposals to its program Organizational Processes in Education.

The program will support studies of how elementary and secondary schools and school districts carry out the essential tasks of any organization, such as setting goals, finding resources, assigning work, monitoring performance, identifying and solving problems and adapting to changing times.

Two kinds of grants will be awarded under this program. Small grants will be limited to a maximum of \$7,500 of direct costs and to 12 months duration. Grants other than small grants may be up to three years in duration, and will be awarded funds in annual increments. Approximately \$100,000 is reserved for small grants.

An applicant for a grant (other than a small grant) must submit a preliminary proposal for review. NIE will return to the applicant an indication of the standing of the preliminary proposal among those reviewed and will discuss major strengths or weaknesses. A full proposal may only be submitted after NIE has considered the preliminary proposal. An applicant for a small grant must submit only a single brief proposal.

The next deadline after August will be Dec. 17, 1979.

## Law Enforcement Assistance Administration Graduate Research Fellowship Program

No. FY80-4

The Graduate Research Fellowship of Justice, will accept concept papers and other application materials for fellowship grants through Oct. 1, 1979.

This program, in its fifth year of funding, provides financial support for doctoral candidates writing dissertations in crime-related fields. Fellowships are awarded for one year. The program provides funds to support the grantee, his or her dependents, major project costs and some university fees. The maximum grant award is \$10,000. Stipends are provided on the basis of \$4,000 for full-time study during a 12-month period. In addition, allowances for dependents range from \$500 for one to a maximum of \$1,600.

The Graduate Research Fellowship Program is competitive. Only a limited number of fellowships can be awarded each year. Doctoral candidates who have finished their course work and require support while writing their dissertation are eligible to compete.

Proposals, which are especially encouraged, are those that contribute to: (1) improving research and evaluating methodologies for innovative criminal justice programs; and (2) improving criminal justice services

or criminal manpower planning and development. To apply a candidate must submit a concept paper describing the project, a proposed budget and a letter of support from the sponsoring university. Proposals are judged on the basis of the perceived need for the subject in the criminal justice body of knowledge, the originality of the research subject, the quality and feasibility of the methodology, the practical applicability of the findings and the applicant's qualifications to produce an acceptable dissertation.

The Graduate Research Fellowship of Justice, will accept concept papers and other application materials for fellowship grants through Oct. 1, 1979.

## National Science Foundation Chautauqua-Type Short Courses

No. FY80-5

The National Science Foundation will support over 3000 college faculty in approximately 130 short-term courses sponsored by different institutions of higher education.

The courses will be scheduled during the 1979-80 academic year. Grant awards include tuition and a double room. No travel or living expenses are provided.

The purpose of the program is to expose teaching faculty to the latest advancements in scientific fields.

## National Science Foundation Student Science Training for High-Ability Secondary School Students

No. FY80-6

To provide experiences beyond those normally available to students, the National Science Foundation SST Program supports the active participation of students with college faculty in specially designed instruction and investigative work. In the various types of projects, the role of the faculty ranges from central to advisory, but in all cases the projects should stress increasing independence and responsibility for the student.

The program supports two broad categories of projects: 1) Those designed for the educational development of high-ability students from secondary schools in which science instruction is, by national standards excellent; and 2) those especially designed for students with limited educational opportunities. These are for students who have demonstrated high potential, but in whose secondary schools, the science training is deficient because of inadequate facilities or instruction.

Two-year and four-year colleges, universities and non-profit institutions with appropriate scientific and educational expertise may serve as sponsors for these projects. In appropriate cases, the facilities of secondary schools may be utilized for college-sponsored off-campus projects where this arrangement is mutually acceptable. The proposal must originate with the in-

stitution which will supervise the project and which will receive the grant.

Student participation is restricted to one summer project only. Thus strong preference would be given to students who are juniors in the academic year preceding their attendance at a summer project. An Aug. 22, 1979 deadline is anticipated.

## Russel Sage Foundation Research Proposals

No. FY80-7

### Program:

The Russell Sage Foundation supports programs for the "improvement of social and living conditions in the United States." It conducts and supports social science research relevant to public policy issues. Four research programs currently are being supported under the direction of a resident scholar. Program directors also solicit and evaluate proposals for projects consistent with the objectives of each program area.

### Program Areas:

1. Culture. The foundation is conducting research into cultural patterns of food use because policymakers should understand these patterns as a medium of communication in the family. This program will seek to establish a general methodology for cross-cultural comparison of food patterns.
2. Citizenship. This program was conceived as a way to both clarify our understanding of democratic citizenship and improve its practice. It will attempt to examine the importance of the citizen's role in the democratic process as well as the rights, duties and responsibilities of citizenship.
3. Institutions (governmental, mediating and social). This program derives from a desire for more accurate reflection of public wishes in public policy, from a belief that institutional structures and rules have a substantial effect on the accuracy of that correspondence and from a judgment that such factors are more deliberately manipulable than many others which also affect this relationship.
4. Policy Analysis. This program is composed of one sub-program: Work during the middle and late years. Different sorts of problems exist for individuals of different ages with respect to work activity and the organization of career. For older individuals, considerations of task difficulty, nonpecuniary rewards, career change options, pension plan features and phasing out of the labor market are matters of more urgent concern.

The foundation lists suggested research topics under each of the above categories. However, because of space limitations, these cannot be included. For a complete copy of the brochure, contact the Office of Advanced Studies, Division of Research and Sponsored Programs.

### Deadline:

None.

## The Tinker Foundation Research Proposals and Postdoctoral Fellowships

No. FY80-8

### Program:

In order to qualify for consideration by the Tinker Foundation, proposals must be concerned with topics or activities related to Ibero-America. Priority is given to work in the broad field of social sciences with particular emphasis on areas such as international relations, urban and regional studies, education, communications, management and economics. A new focus has recently been given to proposals which may be termed natural resource development and intermediate technology transfer. Support is also offered projects focusing on the training of specialists at the post-graduate level, as well as for programs designed to further the education of the Spanish or Portuguese-speaking people of the United States.

The foundation is not interested in issues stimulating controversy among politicians, policymakers -- for example, Panama and the Treaty Ratification debate in the United States Senate and on Cuba and its role in Africa. The foundation, instead, is more interested in the deeper problems that remain -- the explosion of populations, the finite nature of natural resources, the chronic poverty throughout Latin America and even the misinformation and prejudices that continue to divide peoples.

The foundation also sponsors the Edward Larocque Tinker Visiting Professorships, endowed chairs which bring outstanding Latin Americans to the United States where the mutual benefit of contact between them and students and teachers strengthens knowledge and understanding of Latin America.

The foundation also supports a number of Tinker Postdoctoral Fellowships in areas of interest cited above.

For a copy of the current brochure which includes procedures for submitting a grant application and a history of grants awarded in 1978, contact the Office of Advanced Studies, Division of Research and Sponsored Programs.

Deadline:  
None.

## American Council of Learned Societies Aids to Individual Scholars

No. FY80-9

### Areas of Interest:

Philosophy (including the philosophy of law and science); aesthetics; philology, languages, literature and linguistics; archaeology; art history and musicology; history (including the history of science, law and religions); cultural anthropology; and folklore. Proposals with a predominantly humanistic emphasis in

economics, geography, political science, psychology, sociology and the natural sciences will also be considered. Programs for area studies are open to humanists and social scientists. Applicants are required to have the doctorate or its equivalent.

### Programs:

1. Fellowships. ACLS Fellowships are designed to provide opportunities for scholars to engage in research in the fields listed above.
2. Study Fellowships: Study Fellowships are designed to assist young scholars in the humanities to enlarge their range of knowledge by study inside or outside the humanities in disciplines other than their present specialization.
3. Research Fellowships for Recent Recipients of the Ph.D. These Fellowships provide funds in support of humanistic research.
4. Grants-in-Aid. The purpose of Grants-in-Aid is to provide funds in support of humanistic research.
5. Travel Grants for Humanists to International Meetings Abroad.
6. Area Programs. These programs are open to social scientists and humanists for postdoctoral research or training in foreign areas and are designed particularly for area specialists and scholars intending to specialize in such studies.
7. Grants for Research On Chinese Civilization.
8. Mellon Fellowships for Chinese Studies.
9. Grants for East European Studies.
10. Programs with the USSR. Exchange of senior scholars in the social Sciences and Humanities between the American Council of Learned Societies and the Soviet Academy of Sciences; for research in the Soviet Union normally for periods of two to nine months.
11. Programs with Eastern Europe. Open to graduate students who have completed all work for the doctorate except dissertation, junior researchers and professors.
12. Special Grants for Collaborative Activities and New Exchanges. IREX makes a very limited number of grants in support of specific collaborative projects and new exchanges with its exchange countries, as well as Albania and Mongolia.

### Stipends:

Stipends vary for each program.

### Deadlines:

Fellowships, Sept. 30, 1979  
Research Fellowships for Recent Recipients of the Ph.D., Sept. 30, 1979  
Study Fellowships, Nov. 15, 1979  
Mellon Fellowships for Chinese Studies, Dec. 1, 1979  
Research on Chinese Civilization, Dec. 1, 1979  
East European Studies, Dec. 1, 1979  
Grants-in-Aid, Dec. 15, 1979

For further information, contact the Office of Advanced Studies, Division of Research and Sponsored Programs. For application forms, contact the following:

Office of Fellowships and Grants  
American Council of Learned Societies  
800 Third Avenue  
New York, NY 10022

# Current Publications And Other Scholarly Works

## ARTS AND LETTERS HUMANISTIC AND SOCIAL STUDIES

### American Studies

McGowan, Barbara A.

B.A. McGowan. 1979. Values of the work ethic. The Review of Politics 41(2):314-317.

### Art

Geoffrion, Moira M.

M.M. Geoffrion. 1979. Three lithographs. Paper Wall I, Spacial fragments and Wall Wedges III. Southern Illinois University, Edwardsville, Illinois.

### Economics

Kwan, Kim S.

K.S. Kim. 1979. Introductions to the sections on background to socialist development in Tanzania and international economic relations, and preface. Pages 2-4 and 168 in, K.S. Kim, R. Mabelle & M. Schultheis, eds. Papers on the Political Economy of Tanzania, Heinemann Educational Books Ltd. London, England.

K.S. Kim. 1979. An appraisal of the East African integration scheme-critical issues and possibilities. Pages 181-188 in, K.S. Kim, R. Mabelle and M. Schultheis, eds. Papers on the Political Economy of Tanzania, Heinemann Educational Books Ltd. London, England.

K.S. Kim, R. Mabelle and M. Schultheis, eds. 1979. Papers on the Political Economy of Tanzania. Studies in the Economics of Africa series. Heinemann Educational Books Ltd, London, England. 294 pp.

Leahy, William H.

W.H. Leahy. 1979. Hardware wholesalers inc. and teamsters local 414. Industrial Relations Guide 10:2-5.

### English

Golden, Sean

S. Golden. 1979. 8 Photographs of Irish Poets: Tom Kinsalla, Maire Mhac an tSaoi, Eavan Boland, Soamus Deane, Daniel Reardon, Peter Fallon, Brendan Kennelly, Pearse Hutchinson. The First Ten Years. Dublin Arts Festival Poetry. Dublin, Ireland.

## History

Gleason, Philip

P. Gleason. 1979. Confusion compounded: The melting pot in the 1960s and the 1970s. Ethnicity 6:10-20.

P. Gleason. 1979. In search of unity: American Catholic Social Thought 1920-1960. Catholic Historical Review 65:185-205.

P. Gleason. 1979. Review of A. Dulles' The Resilient Church. Theology Today 36:121-124.

## Modern and Classical Languages

Rubulis, Aleksis

A. Rubulis. A tradition of control. The Catholic Messenger:9.

## Philosophy

Moore, Harold F.

F.N. Dutille and H.F. Moore. 1979. Mistake and impossibility: Arranging a marriage between two difficult partners. Northwestern University Law Review 74:166-201.

## SCIENCE

### Chemistry

Basu, Subhash

P. Bhattacharya, I. Simet and S. Basu. 1979. Differential inhibition of multiple forms of DNA polymerase- $\alpha$  activities from IMB-32 neuroblastoma cells. Federal Proceedings 38:485.

P. Bhattacharya, I. Simet and S. Basu. 1979. Inhibition of human neuroblastoma DNA polymerase activities by plant lectins and toxins. Proceedings of the National Academy of Science 76:2218-2221.

Castellino, Francis J.

J.P. Prieels, J.E. Bell, M. Schindler, F.J. Castellino and R.L. Hill. 1979. Involvement of histidine-32 in the biological activity of  $\alpha$ -lactalbumin. Biochemistry 18(9):1771-1776.

Gould, J. Michael

J.M. Gould. 1979. Stimulation of respiration-linked proton efflux in Escherichia coli by carbonylcyano-p-trifluoromethoxyphenylhydrazone (FCCP). Biochemical and Biophysical Research Communications 88:589-596.

Labinger, Jay A.

B.D. Fabian and J.A. Labinger. 1979. A radical-chain mechanism in substitution reactions of (unsaturated alkyl) metal carbonyl complexes. Journal of the American Chemical Society 101(8):2239-2240.

J.A. Labinger and K.S. Wong. 1979. Mechanism of formation of  $(\eta^5-C_5H_5)_2NbH_3$  from the reaction of  $(\eta^5-C_5H_5)_2NbCl_2$  with hydridoaluminate reducing agents. Journal of Organometallic Chemistry 170:373-384.

K.S. Wong, W.R. Scheidt and J.A. Labinger. 1979. Structural characterization of the hydrogen-bridged heterobimetallic complex  $(\eta^5-C_5H_5)_2(CO)Nb(\mu-H)Fe(CO)_4$ . Inorganic Chemistry 18(1):136-140.

Pasto, Daniel J.

\*D.J. Pasto and D.M. Chipman. 1979. Theoretical study of the reactions of ethene with diimide species. Journal of the American Chemical Society 101(9):2290-2296.

## MEMORIAL LIBRARY

Scheidt, W. Robert

K.S. Wong, W.R. Scheidt and J.A. Labinger. 1979. Structural characterization of the hydrogen-bridged heterobimetallic complex  $(\eta^5\text{-C}_5\text{H}_5)_2(\text{CO})\text{Nb}(\mu\text{-H})\text{Fe}(\text{CO})_4$ . Inorganic Chemistry 18(1):136-140.

Thomas, J. Kerry

\*T.S. Chen and J.K. Thomas. 1979. Influence of the conformational state of polymethacrylic acid on the photophysical properties of pyrene in aqueous solution: A fluorescent probe and laser photolysis study. Journal of Polymer Science: Polymer Chemistry Edition 17:1103-1116.

Trozzolo, Anthony M.

\*K.C. Wu and A.M. Trozzolo. 1979. Evidence for the production of singlet molecular oxygen from the quenching of excited states of dialkyl ketones by molecular oxygen. Journal of Photochemistry 10: 407-410.

-----  
\* Under the Radiation Laboratory  
-----

## Physics

Darden, Sperry E.

G. Murrilo, M. Fernandez, P. Perez, J. Ramirez, S.E. Darden, M.C. Cobian-Rozak and L. Montestruque. 1979.  $^{18}\text{O}(\text{p},\text{p})^{18}\text{O}$  and  $^{18}\text{O}(\text{p},\text{p}')^{18}\text{O}^*$  for  $E = 6.1\text{-}16.6$  MeV. Nuclear Physics A318:352-380.

## ENGINEERING

## Aerospace and Mechanical Engineering

Kanury, A. Murty

A.M. Kanury and D.J. Holve. 1979. Response of building components to heating in a fire. Journal of Heat Transfer 101(2):365-370.

## LAW

Dutile, Fernand N.

F.N. Dutile and H.F. Moore. 1979. Mistake and impossibility: Arranging a marriage between two difficult partners. Northwestern University Law Review 74:166-201.

Havlik, Robert J.

R.J. Havlik. 1979. Program analysis and planning for a project to complete current library backlogs in a five year period utilizing the INCOLSA/OCLC cataloging system. Pages 45-66 in, Cost Studies and Fiscal Planning Kit 52, Systems and Procedures Exchange Center, Association of Research Libraries, Washington, D.C.

## RADIATION LABORATORY

Chipman, Daniel M.

D.J. Pasto and D.M. Chipman. 1979. Theoretical study of the reactions of ethene with diimide species. Journal of the American Chemical Society 101(9):2290-2296.

Feraudi, G.J.

G.J. Feraudi. 1979. Photochemical redox reactivity in cobalt (II) complexes. Inorganica Chimica Acta 34:279-281.

Neta, Pedatsur

S. Steenken and P. Neta. 1979. Electron transfer rates and equilibria between substituted phenoxide ions and phenoxy radicals. The Journal of Physical Chemistry 83(9):1134-1137.

A.B. Ross and P. Neta. 1979. Rate Constants for Reactions of Inorganic Radicals. U.S. Department of Commerce, National Bureau of Standards, Washington, D.C. v + 56 pp.

Ross, Alberta B.

A.B. Ross and P. Neta. 1979. Rate Constants for Reactions of Inorganic Radicals. U.S. Department of Commerce, National Bureau of Standards, Washington, D.C. v + 56 pp.

Salomon, Delmar

D. Salomon and A.A. Scala. 1979. The gas phase photolysis and  $\gamma$ -radiolysis of tetramethylenimine. Radiation Physical Chemistry 13:89-95.

# Monthly Summary

## Awards Received

IN THE MONTH OF JUNE, 1979

Department or Office	Principal	Short title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Metallurgical Eng.	Fiore, Kosel	Microstructural effects in abrasive wear	Dept. Energy	163,708 24
Chemistry	Scheidt	X-ray and chemical studies of metallo- porphyrins	Natl. Inst. Health	70,894 11
Chemical Eng.	Varma, Carberry, Kuczynski	Catalytic reactor design engineering	Ford Motor Co.	151,200 13
Chemistry	Hayes	X-ray photoelectron spectroscopy of heme compounds	Natl. Inst. Health	63,398 12
Electrical Eng.	Melsa	A gain scheduling approach to adaptive control of solar heating/cooling system	Los Alamos Sci. Lab.	5,000 4.1
Physics	Biswas, Cason Kenney, Shephard	Experimental research in high energy elementary particle physics	Natl. Sci. Fdn.	321,000 12
Chemistry	Basu	Metabolism of glycosphingolipids in animal cells	Natl. Inst. Health	58,765 12
Chemistry	Castellino	Phospholipid requirement in blood coagulation	Ind. Heart Assocn.	4,000 12
Microbiology - Lobund Lab.	Asano	Physiological aspects of senescence in, germfree animals	Natl. Inst. Health	47,198 12
Microbiology - Lobund Lab.	Pollard	Prostate adenocarcinomas in rats	Natl. Inst. Health	74,558 12
Electrical Eng.	Melsa	Design and development of a speech coding algorithm	Defense Commun. Agency	10,489 6.5
Law School	Moots	Center for Constitutional Studies	Lilly Endow. Inc.	100,000 24
Microbiology - Lobund Lab.	Neta, Pollard	Role of lymphokines (Interferon II) in tumor therapy	Natl. Inst. Health	13,000 12
Cent. Study Man	Marsh	Socio-economic profiles: Gilmour Academy	Gilmour Academy	5,274 2.5
Advanced Studies	Gordon	Biomedical research support grant	Natl. Inst. Health	2,045 12
Microbiology - Lobund Lab.	Pollard	Maintenance of germfree animals for activities in molecular biology	Miles Labs, Inc.	2,000 12
Metallurgical Eng.	Kuczynski, Allen	Study of pore shrinkage and Ostwald ripening in metallic systems	Dept. Energy	60,523 12
Radiation Lab.	Schuler	Effects of radiation on matter	Dept. Energy	50,000 12
Physics	Johnson	Application of quantum electrodynamics to problems in atomic and nuclear physics	Natl. Sci. Fdn.	83,000 24
AWARDS FOR EDUCATIONAL PROGRAMS				
Advanced Studies	Gordon	Dorothy D. Compton Minority Fellowship Grant - Tyrone Ferdinance - 1979-80	Compton Fdn., Inc.	5,000 9
Metallurgical Eng.	Kuczynski, Miller	International conference on sintering and related phenomena	U.S. Army	8,000 12
College Eng.	Marley	Summer institute for minority engineering students	Struc. Engineers Assocn. Illinois	210 --
Metallurgical Eng.	Kuczynski, Miller	International conference on sintering and related phenomena	Natl. Aero. Space Admin.	4,000 6
Advanced Studies	Gordon	Arthur J. Schmitt Fellowship Program	Arthur J. Schmitt Fdn.	30,000 9
College Eng.	Marley	Pre-engineering summer institute for minority students	Amer. Soc. Civil Engrs.	5,000 16
Urban Studies	Brodin, Smith	Upward Bound	U.S. Office Educ.	148,334 12

SERVICE PROGRAMS

Cent. Human Devel.	Dwyer	Needs assessment program	---	27,140
Cent. Past. Soc. Min.	Gallen	Notre Dame Center for Pastoral Liturgy	---	665
Cent. Past. Soc. Min.	Gallen	Notre Dame Center for Pastoral Liturgy training programs	---	394
Cent. Past. Soc. Min.	Pelton	Notre Dame Institute for Clergy Education	---	750
Cent. Past. Soc. Min.	Gaynor	Religious Leaders Program	---	300
Biology	Craig	St. Joseph County mosquito surveillance and control program	St. Jos. Cty. Dept. Pub. Health	30,000 8

Proposals Submitted

IN THE MONTH OF JUNE, 1979

Department or Office	Principal	Short title	Sponsor	Dollars Months
PROPOSALS FOR RESEARCH				
Biology	Saz	Chemotherapy and metabolism of filariids	Natl. Inst. Health	28,444 12
Chemical Eng.	Varma	Catalytic reactor design - experiments and models	Natl. Sci. Fdtn.	14,737 12
Finance Business Econ.	Ghoshal	A forecasting model for exchange rate movements	U.S. Air Force	9,505 6.5
Chemistry	Hayes	Core absorption spectroscopy of metalloporphyrins	Natl. Inst. Health	38,476 12
Economics	Skurski	Retailing and economic development: The Soviet experience	U.S. Dept. State	11,971 12
Aerospace Mech. Eng.	Huang	Dynamic response of suspension bridges to earthquakes	Natl. Sci. Fdtn.	213,721 24
Civil Eng.	Theis, Irvine	Biological oxidation of iron (II) by T ferroxidans in a sequencing batch reactor	U.S. Dept. Interior	123,815 24
Microbiology - Lobund Lab.	Wostmann, Webb, Pleasants	Role of enteric antigen in age-related immune changes	Natl. Inst. Health	127,926 28
Biology	Craig, Grimstad	Isolation of La Crosse encephalitis virus in Indiana from mosquitoes	Ind. Pub. Health Trust	38,892 12
Chemistry	Fehlner	Metal-metal interactions in clusters by photoelectron spectroscopy	Amer. Chem. Soc.	66,888 36
Cent. Study Man	Teitge, Johnson	Differential aspects of aging: A sub-cultural analysis	Admin. Aging	5,500 12
Cent. Study Man	Jache, Aldous	Elderly widows and their adult children	Admin. Aging	5,500 12
Cent. Medical Educ.	Olson	Vascular pathways in fish gills and their function in respiration	Natl. Sci. Fdtn.	146,416 36
Chemical Eng.	Kohn	Liquid-liquid-vapor equilibria in LNG systems: Experimental study	Gas Proc. Assocn.	8,096 11
Chemistry	Gould	Alternations in the structure and physical properties of phospholipid membranes	Kidney Fdtn. Ind.	6,845 12
Microbiology - Lobund Lab.	Burleson	Effects of ozone on carcinogens and mutagens	Natl. Inst. Health	123,799 12
Cent. Study Man	Smith	Multi-level factor- in violence and non-violence	Natl. Inst. Health	237,039 12
Cent. Study Man	Davisson, Beverly, Bonello	Effects of inflation-related factors upon business firms	U.S. Air Force	76,000 10
PROPOSALS FOR EDUCATIONAL PROGRAMS				
Electrical Eng.	Liu	Research workshop on nonlinear circuits and systems	Natl. Sci. Fdtn.	28,474 6
Civil Eng.	Irvine, Ketchum	Workshop on the research of sequencing batch reactors (SBR)	Natl. Sci. Fdtn.	21,008 5.5

# Summary of Awards Received and Proposals Submitted

IN THE MONTH OF JUNE, 1979

## AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	14	\$ 1,115,580	5	\$ 170,472	19	\$ 1,286,052
Facilities and Equipment	-	-	-	-	-	-
Educational Programs	3	183,334	4	17,210	7	200,544
Service Programs	1	30,000	5	29,249	6	59,249
<b>Total</b>	<b>18</b>	<b>\$ 1,328,914</b>	<b>14</b>	<b>\$ 216,931</b>	<b>32</b>	<b>\$ 1,545,845</b>

## PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	4	\$ 341,262	14	\$ 942,308	18	\$ 1,283,570
Facilities and Equipment	-	-	-	-	-	-
Educational Programs	-	-	2	49,482	2	49,482
Service Programs	-	-	-	-	-	-
<b>Total</b>	<b>4</b>	<b>\$ 341,262</b>	<b>16</b>	<b>\$ 991,790</b>	<b>20</b>	<b>\$ 1,333,052</b>

## Closing Dates for Selected Sponsored Programs

Proposals must be submitted to the Office of Research and Sponsored Programs seven (7) calendar days prior to the deadline dates listed below.

Agency	Programs	Application Closing Dates
Department of Energy	University Coal Research Laboratory Program	September 13, 1979
Law Enforcement Assistance Administration	Graduate Research Fellowship Program	October 1, 1979
MacDowell Colony, Inc.	Residence Fellowships	October 15, 1979
National Endowment for the Humanities	Special Programs and Projects in the Humanities	September 1, 1979
National Science Foundation	Arctic Research Program	September 1, 1979
National Science Foundation	Earth Sciences, Geology, Geochemistry and Geophysics	September 1, 1979
National Science Foundation	Ethics and Values in Science and Technology (preliminary)	September 1, 1979
National Science Foundation	International Cooperative Scientific Activities (U.S./India exchange of scientists)	September 15, 1979
National Science Foundation	Science and Technology Policy	September 1, 1979
Organization of American States	Fellowship Program	September 1, 1979
Public Broadcasting Service	Corporation for Public Broadcasting (women's training)	September 8, 1979

---

# documentation

---

## 1980 Summer Session Calendar

June 23	Monday	Registration for the regular Summer Session 9 a.m. - 2:30 p.m. (Special dates and arrangements for institutes, workshops, minicourses, etc.)  Mass to formally open the Summer Session, Sacred Heart Church, 5:15 p.m.
June 24	Tuesday	Regular Summer Session classes begin 8 a.m.
June 27	Friday	Latest date for all class changes without penalty.
July 3	Thursday	Foreign language examination. Latest date for fulfillment of this requirement for master's degree in August, 1980.
July 4	Friday	Independence Day. Classes will not be in session.
July 11	Friday	Latest date for handing in theses and dissertations for degrees in August, 1980.
July 25	Friday	Latest date for general examination for candidates for master's degree in August, 1980. Latest date for securing approval of subject of thesis for master's degree in August, 1981.
July 28, 29, 30	Mon., Tues., Wed.	Pre-application by graduate students for the Summer Session, 1981.
July 30	Wednesday	Latest date for applying for admission to candidacy for master's degree in August, 1981.
August 6	Wednesday	Last class day. Final language examination given.
August 7	Thursday	Course examinations for all students.
August 8	Friday	August Commencement Exercises.  Baccalaureate Mass and Convocation for the conferring of degrees.

(From the Office of the Dean of Administration)

# Faculty Committee for University Libraries Minutes

## May 8, 1979

### Present:

Harvey A. Bender, Michael J. Crowe (chairperson), Madonna C. Kolbenschlag, H.M., John W. Lucey, John R. Malone, Robert C. Miller, and Thomas J. Schlereth.

### Faculty Survey

Miller distributed to committee members the first summary report of the questionnaire and pointed out: (1) the faculty feel it takes too long to get ordered materials into the libraries; (2) he finds it of concern that faculty feel undergraduate teaching needs should not be met before material of exclusively research interest is acquired; (3) two-thirds of the faculty feel the libraries do not receive a fair share of the University's budget; (4) the faculty feel that there ought to be more formal instruction in the use of the libraries; (5) the little mention of noise on the first and second floors was surprising; and (6) it was encouraging to learn that 80 per cent of the faculty feel that the library staff is concerned and helpful.

Bender inquired about the possibility of taping a 15-20 minute introduction/instruction of the library which could be shown to students and/or faculty and could be followed by a question-and-answer period with a library faculty member presiding.

Miller stated that he hoped to gain from this survey a meaningful condensation for publication which could be available for the Board of Trustees' meeting in the fall. Malone suggested bar-charting the responses to questions so that they would be more easily ingested.

### Budget

Crowe urged that it is important that the libraries' serial budget be allocated by buying unit so as to insure that each unit takes responsibility for its expenditures. He suggested that if this is not done, the serials budget can all too easily get out of control. Miller agreed, but questioned the appropriateness and effectiveness of doing this within an individual fiscal year.

Miller stated that there is no one answer to how much each buying unit should get. The use of formulas is attractive, but any formula developed will be weighted, and differing weights can produce very different results.

The committee recognized that the immediate impact of the approval program will be less discretionary monies available and less money to buy older materials, but the University libraries must keep up with current publications to avoid future gaps. Miller pointed out that retrieval buying in some areas can be done with the NEH funds.

Malone questioned ways in which optimum use could be made of the very limited funds for the good of Notre Dame. There was a variance of opinion on the Committee on the University Libraries' weighting of needs: graduate versus undergraduate; overall collections versus faculty needs; expenditures for serials versus monographs. Discussion will be continued at the next meeting.

### Other Business

Miller distributed to committee members an article about "library standards," as published in the ACRL News.

Crowe reported that he has checked the Faculty Affairs Committee of the board of trustees and has learned that their May agenda is too full to accept additional items. Newly elected Faculty Affairs Committee member Bender commented that it would be very appropriate for Crowe to submit to Professor Paul Conway a request for discussion of the libraries and their budgetary problems to be placed on the agenda for the October meeting. Crowe agreed to do so.

Crowe announced that he had invited Joseph Huebner (Head of the Collection Management Department) to the June meeting of the FCUL to talk about the strengths and weaknesses of the faculty recall procedures. Miller stated that the libraries have no effective way to enforce return of borrowed materials from faculty. The follow-up letters from the January

recall resulted only in a 30 per cent response. The committee will further discuss this problem area after hearing from Huebner. Miller asked that in the future, requests to library faculty and staff for information be channeled through him to avoid confusion or problems.

Miller reported that 800 brochures have been ordered from the Center for Research Libraries for distribution to faculty at the beginning of the fall 1979 term. The policy on inter-library loan which was published in a 1973 Notre Dame Report will be updated and distributed at the same time.

Miller announced that the Advisory Council for University Libraries will meet on May 31.

The next meeting of the FCUL is scheduled for Friday, May 18, at 9 a.m.

# Faculty Committee for University Libraries Minutes

## May 18, 1979

Present:

Harvey A. Bender, Michael J. Crowe (chairperson), John W. Lucey, John R. Malone, Robert C. Miller, James E. Robinson (alternate for DeSantis), and Thomas J. Schlereth.

The minutes of the May 8, 1979 meeting were amended extensively and the request was made that approval for publication not be given until they are once again presented to committee members.

### Budget

Bender asked for further clarification as to how the approval plan would function with regard to allocations to the individual departments. He expressed concern that it would appear that the adoption of the approval plan provides, and likely would result in, a shift in responsibility for book purchasing from the teaching and research faculty to the library faculty. His major reservations regarding the approval program are: (1) the question(s) related to responsibility for selection (both inclusion and exclusion of titles) and (2) concern that sufficient resources will be available to insure appropriate collection development in those departments/divisions where non-North American publishers and/or retrospective purchasing represents a significant proportion of the annual acquisitional needs of such units. Schlereth responded by saying that the approval plan is as yet an unknown and it will take at least a year's experience to gain the needed information on distribution.

Schlereth then moved that "an equal percentage increase in the 1979-80 book budget be divided among the four colleges." The motion was seconded.

The discussion of this motion centered around its advantages and disadvantages as compared to the budget proposed by Miller under which expenditures were projected to increase 3.84% for Arts and Letters, 3.77% for Engineering, 18.39% for Science, and decrease 2.67% for Business and 10.78% for General Library.

In the course of the discussion of the motion the following comments were raised and vigorously debated:

- (1) That this would be the second year in a row that Arts and Letters received a significantly lower percentage increase than the other schools and colleges (in 78-79, 1% vs. 8%).
- (2) That the current distribution does not reflect relative needs in any meaningful way.
- (3) That the unit "budgets" for serials, parts/sets and approval books were approximations and that within the totals there might be significant variation.
- (4) That rising serials costs generally seemed to be affecting available monographic funds for Arts and Letters to a disproportionate degree.
- (5) That 78-79 allocations for serials were seriously off base.
- (6) That the per cent of the total acquisitions budget assigned to Arts and Letters again declined (40.9% in 76-77, 42.8% in 77-78, 39.9% in 78-79, and 39.4% in 79-80).
- (7) That a careful study of possible alternative allocation models ought to be investigated in preparation for the 80-81 budget.
- (8) That for disciplines in Arts and Letters library materials are the subject matter of research in a far more significant way than is true for other disciplines.
- (9) That as many as one-half of the departments of Arts and Letters may have less to spend in 79-80 than in 78-79.
- (10) That continuance of the current base allocations would further distort the development of the collection.

Lucey asked for the question without further discussion.

The vote on Schlereth's motion: those in favor - 3 (Crowe, Robinson and Schlereth); those against - 4 (Bender, Lucey, Malone and Miller).

Lucey moved that the 79-80 budget as submitted earlier by Miller be approved. Bender seconded the motion. This would mean that funds for monographs are allocated by colleges and/or departments and funds for serials, parts/sets and approval books allocated library-wide. Malone said no approval or disapproval could be given because of the limited funds. The question was called for: those in favor - 4; those against - 3.

Schlereth made the motion, seconded by Crowe, that the University Libraries' acquisitions fund distribution be made a part of these minutes and published. The vote was 4 in favor and 3 against.

#### Other Business

Crowe announced that Jones and Robinson were the newly-elected members of the committee. Their terms of office are for three years, commencing in September 1979.

Crowe read to the committee his letter addressed to Professor Paul Conway asking that the deteriorating condition of the ND libraries as compared with other major university libraries be a discussion point for the agenda of the fall meeting of the Faculty Affairs Committee of the Board of Trustees. No response to this letter has as yet been received.

Miller gave a short report concerning delinquent borrowers. Twelve letters were mailed, two professors have cleared their accounts, two others have contacted the library administration, and the other eight have not responded. Further discussion regarding delinquent faculty borrowers will take place at the June meeting when Huebner is present.

Miller stated that the recent use survey made of the Memorial Library shows that about 25 per cent of the available space in the building is assigned to nonlibrary users.

Miller invited FCUL members to meet socially at 5 p.m. with members of the Advisory Council for University Libraries who will be on campus on Thursday, May 31.

Miller gave a short report of the recent Association of Research Libraries meeting in Boston. He said that Notre Dame is not getting a letter from ARL as being delinquent; delinquent status is determined on the basis of a three-year performance at less than one-half the median level in certain categories of statistics. ARL has developed a study program called "Self Analysis Program" and Miller recommends the materials on collection evaluation and allocation be obtained. Eight schools have gone through this program--none had any significant faculty involvement.

The next meeting is scheduled for Wednesday, June 20 at 9 a.m.

## University Libraries' Acquisitions Funds Distribution

The budget approved by the committee included \$1,312,000 for Salaries & Wages; \$183,000 for Supplies & Expenses, Travel Repair & Maintenance, and Capital Equipment; \$65,000 for Binding, Freight & Service Charges; and \$684,200 for Acquisitions. This latter figure includes \$393,925 for Serials (up 25.1%), \$67,175 for Parts/Sets (down 3.4%), and \$120,000 for a new U.S. approval program. These several funds are allocated on a library-wide rather than departmental basis, but expenditures will be reported departmentally. In addition, \$103,100 in monograph funds will be allocated to individual colleges and departments. These allocations are designed to cover the acquisition of current publications outside the approval program, retrospective materials and new subscriptions. They were set up on the basis of past budgets and judgments of needs outside approval and serials, state of the collection, size of department, level of teaching programs. On the basis of estimates of library-wide expenditures for serials, parts/sets and approval books, the following tables summarize project spending for 1979-80 and changes among the various departments and colleges compared with the original 1978-79 budget:

**Table 1** Projected "Budget" by College, 1979-80

	Total 1978-79 Budget	Estimated Serials Spending	Estimated Parts/Sets Spending	Estimated Approval Spending	Allocated Monographs Funds	Total 1979-80 Budget	Change in Dollar Allocation from 1978-79 to 1979-80
A & L	259,473	85,200	26,775	87,000	70,480	269,455	+ 3.84%
Bus. Adm.	53,121	33,000	2,700	12,000	4,000	51,700	- 2.67%
Engr.	72,726	56,000	6,250	7,000	6,220	75,470	+ 3.77%
Science	176,121	167,500	18,650	11,500	10,860	208,510	+18.39%
Library	88,626	52,225	12,800	2,500	11,540	79,065	-10.78%
<b>Total</b>	<b>650,067</b>	<b>393,925</b>	<b>67,175</b>	<b>120,000</b>	<b>103,100</b>	<b>684,200</b>	<b>+ 4.99%</b>

**Table 2** Changes in Projected Spending, Based on 78-79 Budget

	Share of Total Acquisitions Budget: In 1978-79	In 1979-80
Arts & Letters	39.91%	39.38%
Business Adm.	8.17%	7.56%
Engineering	11.18%	11.03%
Science	27.09%	30.47%
Library	13.63%	11.55%

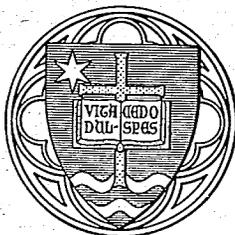
- 439 --The Indiana Committee for the Humanities Outreach Programs (No. FY79-193)
- 440 --American Lung Association - New York Research Grants Institution Pediatric and Adult Pulmonary Disease Training Grants Fellowships in the Field of Prevention and Control of Lung Disease (No. FY79-194)
- 440 --American Lung Association of Indiana Fellowship, Research and Professional Student (No. FY79-195)
- 441 --The Wilson Center Fellowships (No. FY79-196)
- 441 --National Science Foundation United States-India Exchange of Scientists (No. FY80-1)
- 442 --National Institute of Education Research on Law and Government (No. FY80-2)
- 442 --National Institute of Education Organizational Processes in Education (No. FY80-3)
- 442 --Law Enforcement Assistance Administration Graduate Research Fellowship Program (No. FY80-4)
- 443 --National Science Foundation Chautauqua-Type Short Courses (No. FY80-5)
- 443 --National Science Foundation Student Science Training for High-Ability Secondary School Students (No. FY80-6)
- 443 --Russel Sage Foundation Research Proposals (No. FY80-7)
- 444 --The Tinker Foundation Research Proposals and Postdoctoral Fellowships (No. FY80-8)
- 444 --American Council of Learned Societies Aids to Individual Scholars (No. FY80-9)
- 445 Current Publications And Other Scholarly Works
- 447 Monthly Summary
- 447 --Awards Received
- 448 --Proposals Submitted
- 449 Summary of Awards Received and Proposals Submitted
- 449 Closing Dates for Selected Sponsored Programs

documentation

- 450 1980 Summer Session Calendar
- 451 Faculty Committee for University Libraries Minutes May 8, 1979
- 453 Faculty Committee for University Libraries Minutes May 18, 1979
- 455 --University Libraries' Acquisitions Funds Distribution

---

**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 30 cents each. Mail subscriptions are \$6 per year. Back copies are available through the mail at 50 cents each.

Christopher Meehan, Editor  
Printing and Publications Office, 415 Administration Building  
Notre Dame, Indiana 46556  
(219) 283-1234

---