

notre dame report

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the university

tiger international fund

A \$50,000 scholarship fund has been established in the University of Notre Dame's College of Business Administration by Tiger International, Inc., a Los Angeles based transportation firm.

Through the endowment Tiger International "will become a partner with Notre Dame in educating some of the nation's most talented young people and in preparing them to be tomorrow's leaders in business, industry and society," said Rev. Theodore M. Hesburgh, C.S.C., President.

Tiger International's operating subsidiaries include Flying Tigers, a worldwide air cargo carrier; North American Car, an international railcar service company; Hall's Motor Transit, a U.S. trucking company; and TigerAir, an international aviation service and supply company.

The corporation is headed by Wayne M. Hoffman, chairman of the board and chief executive officer, and Thomas F. Grojean, president, a 1960 Notre Dame alumnus and chairman of the University's College of Business Administration Advisory Council.

garrett grant for engineering

The University's College of Engineering recently was awarded \$150,000 from the Garrett Corporation in Los Angeles to support research and faculty development within the College.

Presented by John A. Teske, president of the corporation and a 1948 graduate of Notre Dame, the award establishes the Joseph C. Hogan Endowed Fund, named for Dr. Hogan, professor of electrical engineering and dean of the College for 14 years. Hogan was recently named president-elect of the American Society for Engineering Education and was selected this year by the Indiana Society of Professional Engineers, Inc. as their Engineer of the Year.

The grant will provide additional funds for research and faculty development projects to allow the College to take full advantage of the expanded research and laboratory facilities provided with the construction of the new \$8 million Fitzpatrick Hall of Engineering.

tuition and room and board increases

Undergraduate tuition next fall at Notre Dame will be increased \$570 to \$5,200 a year, and room, board and laundry fees \$100 to \$1,865 annually. The tuition increase was 12.3 per cent and the room, board and laundry went up 5.6 per cent.

Increases for the 1981-82 school year were announced in a letter to all parents of Notre Dame undergraduates by Rev. Theodore M. Hesburgh, C.S.C., President. On May 8 the University trustees approved an operating budget of \$108,951,300. Father Hesburgh's letter cited that the budget "provides for additional faculty positions, increased salaries and benefits for faculty and non-academic employees, and higher outlays for supplies and materials, including library books." Despite the increases in tuition and other fees, he said the University "is faced with a possible deficit of \$485,000."

The letter also noted that Notre Dame's tuition for the school year just completed ranked 27th among 35 peer schools surveyed, with the University's room, board and laundry charges least expensive of all schools.

For advanced students, Graduate School and M.B.A. tuition increased \$570 to \$5,020 and Law School tuition \$570 to \$5,220.

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faculty notes

appointments

Roger A. Schmitz, Keating-Crawford professor and chairman of chemical engineering, became the dean of the University's College of Engineering on June 22.

honors

Joseph P. Bauer, professor of law, was chosen as the recipient of the Law School's Distinguished Teacher Award. The selection was made by the vote of the Law School graduating Class of 1981.

Thomas P. Bergin, dean of continuing education, will represent the National Endowment for the Arts at international conferences on the Arts in Education at Florence, Italy, and Bellagio, Lake Como. A four-day seminar at the Rockefeller Foundation Center in Bellagio will separate the two conferences. Representatives from 13 nations in Europe and North America will attend the meetings to examine and compare the diverse objectives and methodologies pursued by the institutions in assisting students to acquire the necessary professional craft and educational background for artistic careers. Bergin presently serves on the National Council for the Arts and is past chairman of the National Endowment's Artists-in-Schools program. He also served three years as chairman of the Indiana Arts Commission.

Monsignor John J. Egan, special assistant to the President and director of the Center for Pastoral and Social Ministry, was presented with an honorary degree from Saint Mary's College at the Commencement Exercises on May 16. Egan was also the Baccalaureate homilist at the College of St. Thomas, St. Paul, Minn., May 23.

Rev. John H. Elliott, visiting professor of theology, was elected Vice President for 1981-82 and President Designate for 1983-84 at the annual meeting of the Pacific Coast Section of the Society of Biblical Literature.

Richard Hunter, assistant professor of management, was elected as the 1981 Senior Fellow by the graduating class. He was also selected as the outstanding teacher in the MBA Program and gave the commencement address at their graduation exercise. Hunter was selected to receive the Paul Fenlon Award for teaching by members of Sorin Hall.

Herbert T. Juliano, curator of the International Sports and Games Research Collection in the Memorial Library, is the new vice chairman of the education council of the U.S. Olympic Committee. The appointment to the four-year term was made by William E. Simon, former secretary of the U.S. Treasury and newly elected U.S.O.C. president.

V. Paul Kenney, professor of physics, served as scientific consultant to the American Catholic Bishops' Committee for Social Development and World Peace when it prepared an official statement on the world's energy crisis.

Rev. Edward D. O'Connor, C.S.C., associate professor of theology, received an award from the Catholic Press Association for his article "How the Creed Came to Be." Published in *God's Word Today*, Ann Arbor, Mich., it was the third best article to appear in a Catholic magazine during 1980.

activities

Joseph P. Bauer, professor of law, will be on leave for the academic year 1981-82. He will be a visiting professor of law at the University of North Carolina Law School in Chapel Hill.

Salvatore J. Bella, Jesse Jones professor of management, gave two seminars in communication and motivation at the convention of the Ace Hardware Association in St. Louis, Mo., on May 1.

Joseph Blenkinsopp, professor of theology, was the director of the Capernaum Volunteer Program, Israel, under the auspices of the Department of Antiquities of the State of Israel and the Greek Orthodox Patriarchate. The program primarily involved uncovering the Byzantine level of the ancient city of Capernaum and ran from May 23 to June 26.

Linda C. Ferguson, assistant professor in the general program of liberal studies, served as assistant director and rehearsal coordinator for the Michiana Opera Guild production of Puccini's "Tosca," which was performed May 14 and 16 in Northside Auditorium, South Bend, Ind. She also participated in a panel discussion, "Writing Across the Disciplines," at Valparaiso University, Valparaiso, Ind., on May 26.

Sonia G. Gernes, associate professor of English, was a Featured Indiana Poet at the Indianapolis Poetry Festival, May 1 and 2. She gave a reading of her own poetry, conducted a workshop and participated in two panel discussions. Prof. Gernes also gave readings of her poetry at Seattle Pacific University on June 1 and at Steilacoom Community College, Wash., on June 4.

Philip Gleason, professor of history, presented a paper on "Minorities in Europe and America" at an international symposium on "Louis Adamic: His Life, Work, and Legacy," held in St. Paul, Minn., on May 30, and sponsored by the Immigration History Research Center.

Stanley Hauerwas, professor of theology, presented a lecture, "The Church on Gesture: Reflections on Christian Education," at the Christian Theological Seminary, Indianapolis, Ind., May 12.

James M. Johnson, assistant professor of finance and business economics, gave a presentation entitled "Liquidity and Debt Management in the 1980s" for a management conference sponsored by Clark Equipment Credit Corporation in Dallas, Tex., on May 19 and in Reno, Nev., on May 21.

Bernard J. Kilbride, professor of finance, presented two lectures on "Interpretation of Bank Financial Statements" at the American Bankers Association's annual Essentials of Banking School at the University of Oklahoma, Norman, on May 25 and 26. At the same session, Kilbride served as a BankSim advisory. From May 25-29, he was a visiting faculty member of the School of Banking of the South, sponsored by the state banking associations of 15 southern states at Louisiana State University, Baton Rouge, La.

Conrad Kowalski, assistant professor of chemistry, presented a lecture entitled "Alkynolate Anions via α -Keto Dianion Precursors" as part of the 1981 Kilpatrick Lecture Series Symposium on "Carbenes, Carbenoids and Cyclopropanes in Organic Synthesis" at the Illinois Institute of Technology, Chicago, on June 1-2.

Rev. Edward Malloy, C.S.C., assistant professor of theology, presented a talk on "Quality of Life Considerations" to the Committee on Medicine and Religion of the St. Joseph County Medical Association at St. Joseph Medical Center, South Bend, Ind., on April 6. He also gave a talk on "Sexual Ethics in Psychiatric Care" to nurses and staff persons in psychiatric facilities at Indiana University - South Bend, on April 23.

John R. Malone, professor of marketing, gave a presentation entitled "Marketing the Product and Operational Tactics" to the annual NAMBAC - Hagggar Seminar held at the Center for Continuing Education, Notre Dame, on May 18-21.

Rev. Richard McBrien, Crowley-O'Brien-Walter professor and chairman of theology, spoke on "Issues of the Day" to the Catholic Press Association at their annual meeting, Cincinnati, Ohio, on May 7. He also presented a series of four lectures at the Pueblo, Colorado Diocese In-Service Days, May 12: "Ecclesiology in Practice: Seminary Programs for the 1980's"; "The Church in Crisis"; "Church and Magisterium"; "The Parish We are Shaping."

Rev. Enda McDonagh, Huisking professor of theology, presented a public lecture on "Church and Politics from Zimbabwe to Northern Ireland" at the College of St. Thomas, St. Paul, Minn., on May 6.

Rev. Ernan McMullin, professor of philosophy, gave an invited paper on "The Case for Scientific Realism" at the Western Division meeting of the American Philosophical Association in Milwaukee, Wis., April 23-25. He also spoke on "Copernicanism and the Churches" at an international conference on "The Historical Relations of Religion and Science" at the University of Wisconsin, Madison, April 23-25.

Kenneth Milani, Kevin Misiewicz, and James Wittenbach, associate professors of accountancy, appeared on the television program, "AM Michiana," to answer viewer's income tax questions and discuss the Notre Dame Tax Assistance Program. The dates of their appearances were Jan. 26, Feb. 26, and March 30.

Pedatsur Neta, associate faculty fellow in chemistry in the Radiation Laboratory, presented a seminar entitled "Redox Properties of Free Radicals as Studied by Pulse Radiolysis and ESR" at the National Bureau of Standards, Wash., D.C., on May 26. Prof. Neta also presented a paper entitled "Pulse Radiolytic Studies of Porphyrins" at the 5th DOE Solar Photochemistry Research Conference held at Upton, N.Y., May 27-29.

Rev. Edward D. O'Connor, C.S.C., associate professor of theology, lectured on "Becoming a Child for the Kingdom of God" at the midwestern regional convention of the Full Gospel Businessmen's International, Green Lake, Wis., May 21.

Larry K. Patterson, associate faculty fellow in the Radiation Laboratory, presented a paper entitled "Chlorophyll Fluorescence at the Air-Water Interface Models for Orientation and Energy Transfer in Monolayers Generated from CHL A-hexadecane Mixtures" at the 5th DOE Solar Photochemistry Research Conference held at Upton, N.Y., May 27-29.

Niels Rasmussen, O.P., delivered a talk, "The Papal Liturgies at the Sistine Chapel," as an invited speaker in a lecture series dealing with the Sistine Chapel from points of view of archives, architecture, decoration, and musical repertoire at the 16th International Conference of Medieval and Renaissance Studies, Kalamazoo, Mich., May 5-10.

Norlin G. Rueschhoff, associate professor and chairman of accountancy, has been appointed to the Administrators Continuing Education Committee of the American Association for the academic year 1981-82.

Maurice E. Schwartz, associate professor of chemistry and scientist in the Radiation Laboratory, presented

a paper entitled "Direct Calculation of Experimentally Measurable Chemisorptive Parameters from Theoretical Quantum Chemical Cluster Models" at the Second International Conference on Solid Films and Surfaces held at College Park, Md., June 8-12.

Kenneth L. Slepicka, assistant professor of aerospace and mechanical engineering, presented a paper entitled "An Evaluation of the Effect of Teller Terminals on Banking Performance," at the 1981 Spring Annual Conference of the American Institute of Industrial Engineers held in Detroit, Mich., May 19-20.

J. Eric Smithburn, associate professor of law, lectured on judicial discretion, jury selection and aspects of trial practice for judges to 115 general jurisdiction judges from the U.S. and abroad at National Judicial College, University of Nevada at Reno, May 10-18.

James P. Sterba, associate professor of philosophy, presented a paper entitled "Is There a Rationale for Punishment?" at the Western Division meeting of the American Philosophical Association in Milwaukee, Wisc., April 23-25. He also presented a paper entitled "The Welfare Rights of Distant Peoples and Future Generations: Moral Side-constraints on Social Policy" to the Philosophy Department of the University of Oklahoma, Norman, on May 22.

William Strieder, associate professor of chemical engineering, presented a paper titled "A Mean Free Path Kinetic Theory of Void Diffusion in a Porous Medium with Surface Diffusion: Asymptotic Expansion in the Knudsen Number" to the Midwest Conference of Theoretical Chemistry, University of Chicago, May 8.

Kenneth Thompson, assistant professor of management, chaired a session of the New Foundations for Leadership Research Academy of Management at their Midwest Division annual meeting in Chicago, April 10.

Anthony M. Trozzolo, Huisking professor of chemistry, presented two invited lectures at the 1981 Joint Meeting of the Central and Great Lakes Regions of the American Chemical Society, University of Dayton, Dayton, Ohio, May 20-22. The titles of the lectures and the symposia in which they were presented are:

"Photofragmentation Patterns in Three-Membered Heterocycles" (with T. M. Leslie) for the symposium on Neutral Reactive Intermediates: Carbenes, Biradicals and Ylides; "Photo-Induced Formation of High-Energy Intermediates" (with T. M. Leslie and K. Rensberger) for the symposium on Chemistry of Emerging Energy Systems.

Eugene Ulrich, associate professor of theology, presented four talks on "Old Testament Methodology" at the Notre Dame Institute for Clergy Education, April 27-28.

Robert P. Vecchio, associate professor of management, chaired the "Social Applications" paper session and presented a paper entitled "The Leader Intelligence - Effectiveness Relationship: A Test of the Stress-Moderator Hypothesis" at the 1981 National Meeting of the Institute of Management Sciences in Toronto, Canada, in May 1981.

Stephen T. Worland, professor of economics, delivered a paper entitled "Aristotle and the Neoclassical Tradition: the Normative Dimension" at the annual meeting of the History of Economics Society held at Michigan State University, East Lansing, May 31-June 3.

John H. Yoder, professor of theology, was a participant in a panel discussion on "Jerusalem" at a conference on "Peacemaking and Palestinians" in LaGrange, Ill., May 8.

Edward R. Trubac, associate professor of finance and business economics, presented a paper entitled "The Economic Environment Facing the Equipment Leasing Industry" to the Management Seminar of the American Association of Equipment Lessors held in the Center for Continuing Education, Notre Dame, on April 28-30. He also conducted a seminar on the Economic Outlook for 1981 and 1982 for the Presidents' Committee in Sheboygan, Wis., on May 21.

Kathleen J. Turner, assistant professor of communication and theatre, delivered a paper, "The Woman's Hour Versus the Negro's Hour: Intra-movement Conflict in the 19th-Century Feminist Movement," at the Central States Speech Association Convention, Chicago, Ill., April 11.

documen- tation

minutes of the 199th graduate council meeting april 28, 1981

Room 121, Hayes-Healy Center

The meeting was called to order at 3:30 p.m. by Dr. Robert E. Gordon, Council Chairman. Absent and excused were Dean Joseph C. Hogan, Prof. Charles W. Allen and Mr. Michael Tkacz. Dean Hogan was represented by Prof. Edward W. Jerger.

I. MINUTES OF THE 198th MEETING

The chairman wished to know whether the option allowing nine-month student support budget to be expended over twelve months, if implemented in some departments, would create pressure on other departments. The general feeling of the council was that flexibility would be welcome to the departments. Dean Francis Castellino added however that implementation of the option could defuse the plea for additional summer support. The chairman took note of the warning and said he would further consider this question.

The minutes of the previous meeting were then put to the vote and approved with one emendation in the penultimate paragraph of Section III. The last sentence on page 4 continuing on page 5 of the typewritten minutes will now read: "He indicated that other science departments have the problem of Biology to varying degrees, but that the existence of research grants in Chemistry and Physics temporarily ameliorate the problem."

II. APPLICATION FOR ADMISSION TO DEGREE CANDIDACY

The list of applicants for admission to degree candidacy as submitted by the Graduate Office was approved with the addition of one name: Catherine Tkacz, Medieval Studies, M.A. (expected date of graduation: May 1981).

III. THE MINOR PROGRAM IN DOCTORAL AND MASTER'S WORK

The chairman opened with the remark that the purpose of introducing this topic for council discussion was to encourage departments to consider the option of providing graduate students with opportunities to take minors outside their areas of specialization. He was gratified to know that many departments are making this option available to graduate students.

He briefly introduced Robert A. Scott's paper titled "Curriculum Development in the Steady-State: Renewing by Regrouping," describing attempts to diversify program offerings at the undergraduate level at Cornell. Prof. Frederick Crosson found the paper interesting, but thought the requirement of four courses for a concentration too high at the graduate level. The chairman agreed, adding that most departments at Notre Dame with provision for minors consider two courses as adequate.

Dean Castellino, while supportive in principle of disciplinary programs, pointed out some problems. One such problem was termed "structural" (i.e. whose T.A. to be supported by what department?). Another problem relates to the situation at Notre Dame. We do not try to do everything here, he explained, only a few things and do them well. The lack of variety is not conducive to the success of interdisciplinary programs. Prof. Michale Crowe

mentioned another barrier to the success of minors in the University, which is the sharp distinction between graduate and undergraduate courses. A graduate student in the humanities, for instance, who wishes to take a mathematics course for credit would have to do so at least at the four-hundred level, which means two years of college mathematics prior to the course.

Dean Charles indicated that there are many informal interdisciplinary activities going on in the College of Arts and Letters. She questioned, on the other hand, whether such activities would actually improve the chance of our graduates to get jobs. The chairman said he considered minors as providing opportunities for students to take "bread and butter courses" which might broaden their adaptability. Prof. Crowe thought that some background in areas outside one's specialized field should improve one's employability. He further commented on the lack of funding and library resources in support of interdisciplinary programs. He added that such programs are thriving at Harvard and Chicago. Mrs. Catherine Tkacz suggested short courses in the summer. Dean Castellino thought that while we should pay attention to the demands of the job market, our prime concern is the academic soundness of the program.

Other council members reiterated the position that minors should be made available but not required. Prof. Karamjit Rai believed that minors serve a purpose as long as they remain optional. Rev. Robert Austgen called attention to the ability we have at Notre Dame to accommodate student needs. He added another reason as requiring minors, which was that such terms as "minor" and "major" may mean different things to different people.

Prof. Crosson would like to have specific information on the number of graduate students taking "structured minors" outside their departments. Dr. Castellino said that in science to take courses outside one's area of specialization is the rule rather than the exception, but few students take such courses as "structured minors." Prof. Jerger said that these activities are also rare in engineering.

Prof. Crosson suggested the option of an interdisciplinary master's program for students who, at the doctoral level, will focus on one area of specialization -- e.g. History and Philosophy of Science for doctoral students in Philosophy. The chairman proposed the master of humanities as another possibility. Rev. Austgen mentioned the combined program of Theology and Music as yet another example.

The chairman noted in conclusion that while some departments are making the option of minor programs available to their graduate students, others might very well re-examine their graduate curricula in that light. He noted for the record that there was no intention of the Graduate School to make formal requirements with regard to minors and there was certainly no sentiment to do so on the part of the Graduate Council.

IV. REPORT ON "PRIORITIES AND COMMITMENTS TO EXCELLENCE" (PACE)

The chairman briefly reported on the meetings of PACE committees he chaired, in particular, those of the Graduate School and Summer School Committee. He commented on a number of issues that had surfaced at these meetings, such as housing, Du Lac for advanced students, access to computers, the state of libraries and laboratories, summer support to students, etc. Prof. Roger Schmitz observed that the issues brought up by the faculty were often not the same as those brought up by students. Prof. Rai expressed surprise that there had not been more discussion of student support. Prof. Emerson Funk said that stipends are made

more acceptable to students because in some departments they are "sweetened" with funds from research grants, suggesting that if University support could be increased, research funds would go entirely to the support of research.

Prof. Crosson suspected PACE committees were more concerned with problems "something can be done about." But where are the commitments and priorities? Dean Charles noted that important issues did come up with every committee. As an example, the chairman cited the library as an issue that every group had brought up. Prof. Rai said that support of graduate studies should be a high priority in the University, yet there is no budget for graduate programs. Dean Castellino said support for departments comes out of the college budget and there are no separate budgets for graduate programs and undergraduate programs. He suggested that one way to support graduate studies would be to establish a research endowment at Notre Dame. Mrs. Tkacz felt that the Graduate School is not equally appreciated by all segments in the University.

V. REPORT ON THE GRADUATE COUNCIL ELECTION

The chairman announced the results of the Graduate Council election in March. Following are the successful candidates for a three-year term 1981-84:

Humanities	Nathan Orr Hatch	Assistant Professor of History
Social Science	Fred R. Dallmayr	Packey J. Dee Professor of Government and International Studies
Engineering	Thomas L. Theis	Associate Professor of Civil Engineering

VI. CHAIRMAN'S REMARKS

The chairman reported on the status of admissions this year. As of April 24, we received 22% more applications than this time last year. Other information related to admission was as follows:

	<u>April 1981</u>	<u>April 1980</u>
Accepted	35% of applications	47% of applications
Rejected	32% of applications	28% of applications
Confirmed	44% of acceptances	36% of acceptances

The chairman next informed the council that 42 members of Notre Dame graduate faculty had been chosen as evaluators in the Conference Board's Study of the Research Doctorate.

The chairman reported on the proposed exchange with the Ecole Superieure de Chimie Industrielle de Lyon (ESCIL). Founded in 1883, ESCIL is a private post-secondary institution dedicated to the education and training of chemical engineers for positions in research, development and industry. One of its former directors was Prof. Grignard, Nobel laureate in Chemistry. Following the visits of Dr. Gilbert A. Nicolaon, French Scientific Attache in Chicago, in January and of Prof. Jean Huet, Director of Studies at ESCIL, in March, Notre Dame has agreed to consider an applicant from ESCIL for admission into the Master's program in Chemistry for Fall 1981. The applicant will have completed the second year of a three-year program at ESCIL leading to the diplome d'ingenieur. If admitted, the student will normally complete the Master's program in three semesters.

The council was informed of the results of the GSU elections. Mrs. Catherine Tkacz is the new President and Mr. Michael Tkacz, Vice President. Attention was drawn to the GSU list of travel grant awards for 1980-81. The chairman termed this travel grant program a "good and imaginative program" and commended the GSU Board of Officers for the success of their program and other activities in the last year.

In conclusion to this last meeting of the academic year, the chairman thanked all council members for their participation, in particular the three outgoing members, Dean Joseph Hogan, Prof. Charles Allen and Prof. Frank Bonello. One member will be appointed to replace Prof. Roger A. Schmitz as an appointed member. Prof. Schmitz will serve as ex-officio member next year. Questionnaires for the next round of graduate program reviews will be prepared this summer for council discussion next fall. The chairman wished all members a pleasant summer.

The meeting was adjourned at 5 p.m.

Chau T. M. Le
Secretary

faculty committee for university libraries minutes

may 11, 1981

Present: Harvey A. Bender, Vincent P. DeSantis, Gerald L. Jones, Lloyd R. Ketchum, Jr., John R. Malone (chairperson), Robert C. Miller, James E. Robinson. Andrew J. Sommese, newly elected member for the College of Science, joined the meeting.

The minutes of the April 20, 1981 meeting were approved for publication, pending a final approval by Dr. Frick.

Malone and Miller attended the recent annual meeting of the Center for Research Libraries, at which there was discussion of the current assessments for membership and the proposed new addition to the Center's physical facilities. The Center plans an expansion of their journal access program, reducing the dependence for materials in the humanities and social sciences on the British Lending Library. This means that we will have ready access to a much larger base than would otherwise be enjoyed. The Center is far more flexible in lending than is generally experienced with interlibrary loan transactions.

The results of the recent elections were announced: James L. Cullather is the representative from the College of Business Administration and Andrew J. Sommese is the representative from the College of Science. Both of these terms of service are for three years beginning Sept. 1981.

There was general Committee consensus that the meeting with the PACE Study Group for the Libraries was productive and there was general satisfaction that some good ideas had come out and were recognized as important by the members of the Study Group.

Next, Miller explained the process of the serials review, stating that the general rationale was outlined in the Feb. 1981 issue of ACCESS. The serials list was broken down by individual fund and sent to appropriate library liaisons for identification of obvious, general titles about which there were no questions. This resulted in the lists that were sent to the academic departments asking for an indication of usage. After being returned these lists were reviewed by the liaisons and the results turned over to the Assistant Director for Collection Development. A revised list was drawn up of some of the titles which were reported as never used (about 200-220 titles) and distributed to all faculty members with a request that any objections to a possible cancellation of a listed title be forwarded to the Assistant Director. The titles remaining on the potential cancellation list will be reviewed by the Assistant Director for Collection Development and the Serials Committee for a final decision on cancellation. Malone suggested that a third chance be given to the teaching faculty to review the cancellation list, but since the academic year has ended and there are timing constraints in cancellation, it was uncertain whether this could be accomplished. Robinson recommended that any future attempt at a serials review should make more explicit factors considered in addition to usage.

Miller then presented to Committee members a general outline of the 1981-82 budget, which includes: in Salaries and Wages, the University mandated increases and no new positions; in Supplies and Expense, the standard adjustment plus inflation; and in Acquisitions, an 18.65% increase, which was indicated last fall as the percentage needed to meet inflation in library acquisitions. The Acquisitions budget does not include NEH funds. It was agreed that a meeting will be held on Monday, Aug. 24, at 4:00 p.m., to review the acquisitions budget in more detail.

A special thanks was voted by all members to Professors Bender and Malone for their devoted service to the Committee over the past three years.

An agenda item to be discussed the next year is the need of bibliographers in the Notre Dame Libraries.

The meeting adjourned at 5:30 p.m.

improvements in life insurance plan

The University is pleased to announce significant improvements to the group term life insurance program underwritten by Great West Life Assurance Company.

Effective Oct. 1, 1981, University paid basic term life insurance coverage will increase to \$10,000 for faculty and administrators. Also, coverage for Accidental Death and Dismemberment will be added to the basic policy.

In addition, employees will be able to purchase additional term insurance in increments of $\frac{1}{2}$, 1, $1\frac{1}{2}$, 2, or $2\frac{1}{2}$ times salary up to a maximum of \$100,000. This additional insurance will also include Accidental Death and Dismemberment.

Faculty and administrators who are now paying for additional optional insurance may choose to enroll in any of the above options. Employees who are currently enrolled in only the basic insurance may apply for the optional insurance simply by completing an Evidence of Insurability form. Anyone who has previously been denied the optional insurance by the company may not apply for additional insurance.

Faculty and administrators who retire Oct. 1, 1981, or after will be able to choose to continue either \$2500 or \$5000 of group term insurance. The coverage after retirement will not include Accidental Death and Dismemberment. The University will pay half of the premium cost for all retirees beginning in October.

Complete enrollment information will be sent to all participating employees in August. Please watch the Notre Dame Report for further information.

summary annual report for tiaa group total disability benefits plan

This is a summary of the annual report of the University of Notre Dame's TIAA Group Total Disability Benefits Plan, employer number 35-0868188, for Sept. 1, 1979 through Aug. 31, 1980. The annual report has been filed with the Internal Revenue Service, as required under the Employee Retirement Income Security Act of 1974 (ERISA).

Insurance Information

The plan has a contract with the Teachers Insurance and Annuity Association (TIAA) to pay all claims incurred under the terms of the plan. The total premiums paid for the plan year ending Aug. 31, 1980 were \$83,793.34.

Your Rights to Additional Information

You have the right to receive a copy of the full annual report, or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of G. Thomas Bull, Director of Personnel, University of Notre Dame, Notre Dame, IN 46556. 283-2221

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

correction to nd report no. 18

Editor's Note: The following correction should be made in the section on "Faculty Promotions" under the heading of associate professor, p. 502: Mark E. Nadel, Mathematics.

advanced studies

notes for principal investigators

The Ford Foundation Themes of the Future

A new organizational framework and themes for the future work of the Ford Foundation were announced by Franklin A. Thomas, president. They include reorganization into a single program division, appointment of two program vice presidents, an increase of at least 15% in program spending for the next biennium and concentration over the next several years on six major themes: urban poverty and the disadvantaged, rural poverty and resources, human rights and social justice, education, international political and economic issues, and governance and public policy.

information circulars

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

Extension 4487, for information on federal government programs.

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

NASA Headquarters Unsolicited Research Proposals in Planetary Geology

No. FY81-704

Program:

Grants to support scientific investigations which contribute to understanding the geological evolution of the planets, their satellites (including Earth's moon) and smaller solar system bodies such as asteroids. These investigations involve several types of research efforts: generation of new, basic data, analysis and synthesis of existing data, or combinations of both kinds of activities. The goals of this program are to foster the gathering, synthesis and comparative study of data that will improve the understanding of planetary geological processes, their extent and the results of their interactions through time.

Deadline:
None.

For Further Information, Contact:

NASA Headquarters
Solar System Exploration Division
Code SL-4
Mars Data Analysis Program
Washington, D.C. 20546
Joseph M. Boyce
(202) 755-3645

(From 1981 ARIS)

National Endowment for the Humanities Planning and Assessment Studies

No. FY81-705

Program:

Grants to support evaluative and analytical work which will aid in understanding national needs in the humanities and in planning programs to meet these needs. Proposals in the following areas are encouraged: (1) collection and analysis of data to assess the trends, financial, material and human as well as the problem areas in various sectors of the humanities; (2) design of models, techniques and tools helpful in conducting policy research and analysis and in evaluating the effectiveness of programs in the humanities and (3) research, development and demonstration of more efficient management and administrative methods for humanistic organizations. Projects in this area are usually funded only after careful preparation and extensive consultation between staff, specialists and applicants.

Deadline:
Aug. 1, 1981.

For Further Information, Contact:

National Endowment for the Humanities
Office of Planning and Policy Assessment
Arment Tashdian, Director
(202) 724-0344

(From 1981 ARIS)

National Research Council NRC-NASA Program: Postdoctoral Awards

No. FY81-706

Program:

NRC offers awards for basic and applied research at NASA laboratories throughout the U.S. in various fields of chemistry, engineering, mathematics, physics and in the atmospheric and earth, environmental, life, space, biological, medical and behavioral sciences.

Stipends begin at \$20,500 per year for recent doctoral graduates, with higher stipends for seniors with at least five years of postdoctoral experience. For detailed information on the available programs, contact NRC.

Deadline:
Aug. 15, 1981.

For Further Information, Contact:

National Research Council
Associateship Office (JH 610-P)
2101 Constitution Avenue NW
Washington, D.C. 20418
(202) 389-6554

(From 1981 ARIS)

National Science Foundation Sociology Program

No. FY81-707

Program:

Processes by which organizations adapt to and produce change in their social context; decisionmaking in organizations and small groups; social factors in population change; social stratification and development of careers and work roles; the role of communication and influence networks in individual and community decisions; effects of social organization science and knowledge; variation in the social attributes of cities and their effects on competition for resources and population.

Deadline:
Aug. 1, 1981.

For Further Information, Contact:

National Science Foundation
1800 G. Street NW
Washington, D.C. 20550
Room 312
(202) 357-7802

(From 1981 ARIS)

National Science Foundation Geography and Regional Science Program

No. FY81-703

Program:

Explanation and impact of population shifts, migration decisions, industrial location, regional stagnation and residential choice; effects of public policy, environmental preference and perceived travel costs on land-use decisions; geographic diffusion of innovations.

Deadline:
Aug. 15, 1981.

For Further Information, Contact:

National Science Foundation
1800 G. Street NW
Washington, D.C. 20550

Room 312
(202) 357-7326

(From 1981 ARIS)

National Science Foundation Political Science Program

No. FY81-709

Program:

Local, national and international governmental institutions; the effects of structural factors on political participation and effectiveness; the impact of economic and social change on political processes; factors influencing bureaucratic decisionmaking and policy formulation; processes of conflict and political instability.

Deadline:
Aug. 15, 1981.

For Further Information, Contact:

National Science Foundation
1800 G. Street NW
Washington, D.C. 20550
Room 312
(202) 357-9406

(From 1981 ARIS)

National Science Foundation Special Research Initiation Awards for New Investigators in Information Science

No. FY81-710

Program:

These awards are intended to stimulate new research in the field of information science. Awards are offered only to principal investigators who will, by the beginning of the award, have earned a doctorate degree in a field related to information science and who will have held the doctorate for no more than five years as of the deadline for submission.

Deadline:
Aug. 5, 1981.

For Further Information, Contact:

National Science Foundation
1800 G. Street NW
Washington, D.C. 20550
Division of Information Science
and Technology
Room 1250
(202) 357-9572

(From 1981 ARIS)

Scientific Advisory Council to the Distilled Spirits Council of the U.S. Alcohol Studies Grants-in-Aid

No. FY81-711

Program:

Grants of up to \$15,000 for one-year projects in the

medical and behavioral sciences related to alcohol use, abuse and alcoholism. There is no specific provision for fellowship support, nor may graduate students apply as principal investigators for a project. Qualified researchers with demonstrated competence may utilize the funding as part of the budget for personnel, equipment, supplies and institutional overhead (15% maximum). The goal of the program is to encourage the development of new knowledge and approaches and to attract researchers to the alcohol studies field.

Deadline:
Aug. 1, 1981.

For Further Information, Contact:

Scientific Advisory Council to the
Distilled Spirits Council of the U.S.
Robert G. Kirk
Scientific Advisory Council to DISCUS
Pennsylvania Bldg., Suite 1300
425 Thirteenth Street, N.W.
Washington, D.C. 20004
(202) 628-3544

(From 1981 ARIS)

**University of Michigan
Alice and Edith Hamilton Prize Competition**

No. FY81-712

Program:

One Prize of \$1,000 plus publication by the University of Michigan Press in its women and culture series will be awarded to the best book-length scholarly manuscript illuminating some facet or facets of the life, roles, position and/or achievements of women, past or present. Manuscripts should be works of synthesis and/or interpretation or monographs of broad general interest, autobiography and oral history are eligible for consideration; unrevised doctoral dissertations, works of fiction, essay collections and anthologies.

Deadline:
July 15, 1981.

For Further Information, Contact:

University of Michigan
Hamilton Prize Competition
354 Lorch Hall
The University of Michigan
Ann Arbor, Mich. 48109

(From 1981 ARIS)

**W.E. Upjohn Institute for Employment Research
Grant Program**

No. FY81-713

Program:

Awards of varying amounts to individuals or non-profit organizations to conduct research into the

causes and effects of unemployment and adopt measures for the alleviation of unemployment. Applicants must demonstrate the ability to conduct research of high scientific standards and be capable of writing exceptionally well. The institute is interested in all proposals involving research in job creation, stabilization, matching of jobs and people, the political science of manpower programs and the quality of work life. Grant proposals should be addressed to the director.

Deadline:
July 30, 1981.

For Further Information, Contact:

W.E. Upjohn Institute for Employment Research
E. Earl Wright, Director
300 South Westnedge Avenue
Kalamazoo, Mich. 49007
(616) 343-5541, X22

(From 1981 ARIS)

**National Bureau of Standards
Research Grants**

No. FY81-714

Program:

Approximately \$2,000,000 is available in FY81 to support a grant program in fire research; most grants range from \$10,000 to \$100,000. Unsolicited proposals will be accepted in the following task areas: (1) fire suppression systems; (2) toxic hazard assessment; (3) ignition source control; (4) test method development; (5) mechanisms of fire phenomena; (6) analytical fire growth studies; (7) decision analysis/hazard analysis; (8) design concepts; (9) arson detection and prevention and (10) materials and systems testing. Eligible applicants include academic institutions, non-federal agencies and independent and industrial laboratories; joint programs with participation by more than one eligible entity are possible.

Deadline:
None.

For Further Information, Contact:

National Bureau of Standards
Center for Fire Research
Fire Research Resources Division
Washington, D.C. 20234
Robert S. Levine
(301) 921-3845

(From 1981 ARIS)

**Foundation for Microbiology
Grants in Microbiology, Immunology
and Virology**

No. FY81-715

Program:

Grants of varying amounts to individuals or insti-

tutions for support of lectureships, meetings, symposia, prizes, unusual publication costs, courses and other projects in the areas of microbiology, immunology and virology. Project duration is generally less than three years. Application is by simple letter to the president. Applications for research projects, travel awards or fellowships are not considered.

Deadline:
None.

For Further Information, Contact:

Foundation for Microbiology
Byron H. Waksman, President
National M.S. Society
205 East 42nd Street
New York, N.Y. 10017
(212) 986-3240

(From 1981 ARIS)

**General Semantics Foundation
Project Grants**

No. FY81-716

Program:
Stipends from \$300 to \$4,500 to persons in the field of general semantics, for projects specifically in this field or explicitly related to it. Applicants must present evidence of knowledge of general semantics, usually with university support. Support may be requested for research leading to graduate degrees.

Deadline:
None.

For Further Information, Contact:

General Semantics Foundation
Harry E. Maynard
14 Charcoal Hill
Westport, Conn. 06880
(203) 226-1394

(From 1981 ARIS)

**The Daniel and Florence Guggenheim
Foundation Grants**

No. FY81-717

Program:
The foundation awards grants of varying amounts to organizations for those projects it considers most likely to further the cause of human progress in a reasonable time and with economy of means. In the past the foundation has funded projects in the fields of medicine, the arts, education, science and technology, and the study of crime and delinquency. None of these grants, which are separate from the Guggenheim fellowship program, are made directly to individuals.

Deadline:
None.

For Further Information, Contact:

The Daniel and Florence Guggenheim Foundation
950 3rd Avenue, 30th floor
New York, N.Y. 10022
(212) 755-3199

(From 1981 ARIS)

**National Geographic Society
Research Grants**

No. FY81-718

Program:
Grants-in-Aid ranging from a few hundred to a few thousand dollars for one year awarded to Ph.D.'s associated with institutes of higher education or other specific and educational nonprofit organizations, such as museums, to conduct research in the sciences related to geography. These sciences include, but are not limited to, projects in geography, anthropology, archaeology, astronomy, general biology, botany, ecology, ethnology, geology, glaciology, marine biology, mineralogy, oceanography, paleontology and zoology (including entomology, ornithology, mammalogy and primatology). Support may also be provided in the above fields which involve exploration. Grants are very occasionally awarded to graduate students or scientific workers who do not have research degrees or who are not associated with a university, but who do have full qualifications for significant scientific research. However, for the most part, Ph.D.'s are preferred.

Deadline:
None.

For Further Information, Contact:

National Geographic Society
Edwin W. Snider, Secretary
Committee for Research & Exploration
17th and M Streets NW
Washington, D.C. 20036
(202) 857-7439

(From 1981 ARIS)

**New York State Education Department
Herbert H. Lehman Graduate Fellowships**

No. FY81-719

Program:
Approximately 30 fellowships in the social sciences and public and international affairs (education, social work, law, business and other professional studies are not approved areas of study for this fellowship) to those who have (1) received the baccalaureate degree prior to the effective date of the award (2) not yet entered upon any graduate study (part-time or full-time) before the July prior to the first semester for which the award will be effective and (3) been a legal resident of the U.S. for at least one year prior to the effective date of the award. The award is funded at the rate of \$4,000 for the first year and \$5,000 a year thereafter up to a maximum of four

years, but not exceeding the period of study required by the recipient to complete the requirements for a doctoral degree.

Deadline:
None.

For Further Information, Contact:

New York State Education Department
Bureau of Higher and Professional
Education Testing
Cultural Education Center, Room 5064
Albany, N.Y. 12230

(From 1981 ARIS)

**Norwich Jubilee Esperanto Foundation
Grants**

No. FY81-720

Program:
Awards of up to 300 pounds (requests for larger amounts may be considered) to young Esperantists to enable them to use their knowledge of Esperanto in another country. Those who are not residents of the United Kingdom must use their grant to visit the United Kingdom. A secondary aim of the foundation is to finance research into the teaching of Esperanto. Applicants must be under 25 years of age, in need of financial assistance and be competent in speaking Esperanto.

Deadline:
None.

For Further Information, Contact:

Norwich Jubilee Esperanto Foundation
Norman Williams, Hon. Secretary
237 Two Trees Lane, Denton,
Manchester M34 1Q1, England
061-336-2834

(From 1981 ARIS)

**Research Corporation
Cottrell College Science Program**

No. FY81-721

Program:
Support for academic scientists to help conduct basic research in the natural sciences. Support may be provided in the following areas: (1) undergraduate stipends up to \$1,200 for students actively involved in summer research work; (2) faculty summer stipends up to \$3,000 for at least 10 full-time work weeks and (3) monies for equipment supplies and travel demonstrated as necessary. Principal investigators should describe their proposed research succinctly in a 1-2 page letter to Grants Program Research Corporation. Upon receipt of this information, forms will be furnished if it appears that an application would be in order.

Deadline:
None.

For Further Information, Contact:

Research Corporation
405 Lexington Avenue
New York, N.Y. 10174
Dr. Kendall W. King
VP, Grants Program
(212) 599-5725

(From 1981 ARIS)

**Rockefeller Foundation
Humanities Fellowships**

No. FY81-722

Scope and Eligibility:

The program welcomes applications from writers and scholars in the traditional humanistic disciplines--history, literature and philosophy--whose projects contribute to the analysis and evaluation of contemporary issues or values. Proposals in political science, law and anthropology are encouraged if their humanistic implications are clear and substantial. The program also encourages proposals that seek to provide a humanistic perspective on human rights issues.

Tenure and Stipend:

Tenure will normally extend for one year, with the grant in the range of \$10,000 to \$20,000.

Deadline:

First-stage proposals must be received by October 1, 1981; second-stage proposals, if requested, by January 1, 1982.

Proposal Guidelines:

For proposal guidelines, contact the Office of Advanced Studies, Division of Research and Sponsored Programs, Extension 7433.

**Directorate for Science Education
Undergraduate Research Participation Program**

No. FY81-723

Program:

Grants to universities who can provide talented and promising undergraduate students with firsthand experience in the research process by allowing them to work directly with science faculty and research personnel on a collaborative basis. An individual department may prepare only one proposal for each annual competition. An additional proposal that is student-initiated in collaboration with either a faculty member or senior scientist may also be submitted. The stipend is \$1,200 for a full-time participation by the student for a minimum period of 10 weeks plus operational costs not to exceed the sum of the stipends plus \$1,000 maximum per participant.

Deadline:

Sept. 11, 1981.

For Further Information, Contact:

Directorate for Science Education

5225 Wisconsin Avenue, N.W.
Room W-666
(202) 282-7770

(From 1981 ARIS)

National Science Foundation Neurobiology Program

No. FY81-724

Program:

Development, function and other aspects of nervous systems at the molecular, cellular, physiological and behavioral levels; neuroanatomy, neurochemistry, neuroendocrinology; neurophysiology; neuropsychology.

Deadline:

None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room 320
(202) 357-7471

(From 1981 ARIS)

National Science Foundation Sensory Physiology and Perception Program

No. FY81-725

Program:

Mechanisms of energy transduction, neural coding and transmission, information extraction and other aspects of sensory-perceptual systems and their resultant behavior and perceptual phenomena; development of sensory systems or perceptual behavior.

Deadline:

None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room 320
(202) 357-7428

(From 1981 ARIS)

National Science Foundation Memory and Cognitive Processes Program

No. FY81-726

Program:

Complex human cognitive behavior including memory, attention, concept formation, decisionmaking, reading, thinking and problem-solving: the development of cognitive processes in infants and children.

Deadline:

None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room 320
(202) 357-9898

(From 1981 ARIS)

National Science Foundation Psychobiology Program

No. FY81-727

Program:

Environmental, genetic, hormonal and motivational determinants of behavior, animal learning, conditioning, stimulus control, preferences and aversions, migration and homing behavior of animals, animal ingestive, reproductive, social and communicative behavior.

Deadline:

None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room 320
(202) 357-7949

(From 1981 ARIS)

National Science Foundation Social and Developmental Psychology Program

No. FY81-728

Program:

Laboratory and field studies of the effects on individual behavior or the behavior of others, changes in personality, social behavior and emotional responsiveness that occur throughout the life span.

Deadline:

None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room 320
(202) 357-9485

(From 1981 ARIS)

National Science Foundation Doctoral Dissertation Research Grants

No. FY81-729

Program:

Grants awarded for up to 24 months to provide funds for items which are necessary for the dissertation

but are not normally available from the student's university or other sources.

Deadline:
None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room 320
(202) 357-7564

(From 1981 ARIS)

**National Science Foundation
Facilities Support**

No. FY81-730

Program:
Operational support for biological research resources, including living-organism stock centers, biological field research facilities and systematic research collections to enhance their use by U.S. scientists.

Deadline:
None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room 336
(202) 357-7475

(From 1981 ARIS)

**National Science Foundation
Ecology Program**

No. FY81-731

Program:
Community ecology of land and inland waters, with emphasis on organism interactions such as competition, herbivory, pollination, predation, other antagonisms and symbioses in natural and agricultural ecosystems and coevolution within interacting groups; microbial ecology of soils and sediments, especially in relation to decomposition, nutrient cycling and productivity; mechanisms that influence the distribution and abundance of communities of animals and plants now and in the recent geological past.

Deadline:
None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room 336
(202) 357-9734

(From 1981 ARIS)

**National Science Foundation
Ecosystem Studies Program**

No. FY81-732

Program:
Laboratory, field and mathematical modeling studies of the processes and components of natural, managed and man-dominated terrestrial, freshwater and wetland ecosystems; new methods of predicting ecosystem change and mathematically analyzing functional interdependencies in complex, highly variable systems; information on ecosystem management and exploitation.

Deadline:
None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room 336
(202) 357-9596

(From 1981 ARIS)

**National Science Foundation
Population Biology and Physiological
Ecology Program**

No. FY81-733

Program:
General principles that describe the physiological adaptations of animals and plants to their micro-environments; evolutionary ecological significance of life history characteristics of plants and animals (including behavioral ecology); theoretical models for ecological genetics; adaptive significance of genetic variability; physiological aspects of genetically determined enzyme variability.

Deadline:
None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room 336
(202) 357-9728

(From 1981 ARIS)

**National Science Foundation
Systematic Biology Program**

No. FY81-734

Program:
The identities, relationships and distributions of living species of plants, animals and microorganisms; fossil studies of extinct species to determine organic changes throughout the Earth's history; improved methods of gathering, processing and analyzing the above data; functional morphology; chemosystematics; tropical biology; paleobiology.

Deadline:
None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room 336
(202) 357-9588

**National Science Foundation
Doctoral Dissertation Research Grants**

No. FY81-735

Deadline:
None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
(202) 357-7332

(From 1981 ARIS)

**National Science Foundation
Unsolicited Research Proposals in
Applied Mathematics**

No. FY81-736

Program:

Awards for research projects that lead to an increased understanding of mathematical applications to behavioral, biological, physical and engineering sciences.

Deadline:
None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room 304
(202) 357-9764

**National Science Foundation
Improving Access to Careers in Science
for Women, Minorities and
the Physically Handicapped**

No. FY81-737

Program:

Projects that propose to develop and test materials, teaching approaches, structures or activities designed to overcome barriers to science careers and to retain a greater proportion of these groups in science course sequences.

Deadline:
None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room W-620
(202) 282-7904

**National Science Foundation
New Knowledge and New Skills—Education
for Productivity**

No. FY81-738

Program:

Projects that incorporate the latest and most forward-looking science and technology into core courses, generally at the upper division, graduate and continuing education levels.

Deadline:
None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room W-620
(202) 282-7904

(From 1981 ARIS)

**National Science Foundation
Technology for Science Education**

No. FY81-739

Program:

Experimental projects designed to employ novel applications of technology to improve science education at any level.

Deadline:
None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room W-260
(202) 282-7904

(From 1981 ARIS)

**National Science Foundation
Science for Women, Minorities and
the Physically Handicapped**

No. FY81-740

Program:

Projects that propose to delineate the psychological, social, intellectual and instructional factors that would facilitate more participation in science-related activities by women, minorities and the physically handicapped.

Deadline:
None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room W-649
(202) 282-7745

(From 1981 ARIS)

**National Science Foundation
Technology in Science Education**

No. FY81-741

Program:
Research projects on the effective application of inexpensive technologies to problems of science and mathematics education.

Deadline:
None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room W-649
(202) 282-7745

(From 1981 ARIS)

**National Science Foundation
Science Literacy**

No. FY81-742

Program:
Research projects that interface science and society. These projects may extend to out-of-school contexts for learning and to adult as well as young students.

Deadline:
None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room W-649
(202) 282-7745

(From 1981 ARIS)

**National Science Foundation
Cognitive Processes and the
Structure of Knowledge**

No. FY81-743

Program:
Projects that propose to increase the understanding of the relationships between learning processes and

the nature and structure of scientific and mathematical knowledge.

Deadline:
None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room W-649
(202) 282-7745

(From 1981 ARIS)

**National Science Foundation
Travel Grants to India and Pakistan under
Special Foreign Currency**

No. FY81-744

Program:
Grants to support U.S. scientists to travel to participating countries to attend international scientific meetings, seminars, conferences, congressors or to give lectures and to enable U.S. scientists to travel to participating countries for the purpose of reaching final agreement on the nature, scope and conditions of a project to be proposed for NSF consideration. This program requires five months lead time for processing proposals.

Deadline:
None.

For Further Information, Contact:

National Science Foundation
1800 G. Street
Washington, D.C. 20550
Room 1208
(202) 357-9402

(From 1981 ARIS)

**American Cancer Society
Institutional Research Grants**

No. FY81-745

Program:
Institutional grants for up to a two-year initial period, with subsequent renewals to be applied for yearly, to enable qualified institutions within the U.S. and its territories to foster meritorious research on cancer that cannot be supported readily through other available types of support. These grants should serve as "seed" money to permit the initiation of promising new projects or novel ideas, especially by junior investigators.

Deadline:
Oct. 1, 1981.

For Further Information, Contact:

American Cancer Society
777 Third Avenue

New York, N.Y. 10017
(212) 371-2900

(From 1981 ARIS)

American Cancer Society Research Development Program

No. FY81-746

Program:

Institutional grants to provide rapid funding for a variety of critical and urgent needs in scientific investigations related to cancer which cannot be supported quickly through the society's other grant programs. This program cannot be used as a source of continuing support or as a substitute for the other research support programs of the society. Expect a reply from the society within three months.

Deadline:
None.

For Further Information, Contact:

American Cancer Society
777 Third Avenue
New York, N.Y. 10017
(212) 371-2900

(From 1981 ARIS)

American Heart Association, Inc. Grant-in-Aid (National Research Award)

No. FY81-747

Program:

Awards (varying with needs; averaging \$24,300) for one to three-year research projects to support research activities broadly related to cardiovascular functions and diseases and to related fundamental problems. Proposals from talented, young investigators are encouraged. Applicants are urged to obtain the latest application form from the association.

Deadline:
Oct. 1, 1981.

For Further Information, Contact:

American Heart Association, Inc.
Division of Research Awards
7320 Greenville Avenue
Dallas, Texas 75231
(214) 750-5300

(From 1981 ARIS)

American Lung Association Institutional Pediatric Pulmonary Disease Training Grants

No. FY81-748

Program:

Awards with stipends of up to \$14,000 per year for

one fellowship per institution for three years to institutions with training resources in the field of prevention and control of lung disease. To provide seed money for training programs that lack funds for a "first" fellow to be accepted into the program.

Deadline:
Oct. 1, 1981.

For Further Information, Contact:

American Lung Association
Director of Medical Affairs
1740 Broadway
New York, N.Y. 10019
(212) 245-8000

(From 1981 ARIS)

American Lung Association Edward Livingston Trudeau Fellowships

No. FY81-749

Program:

Awards (up to \$15,000, renewable up to three years; awards should be supplemented by medical schools) for physicians who have completed graduate training in lung disease and who have appointments in medical schools. Limited to U.S. citizens in U.S. or Canadian medical schools or Canadian citizens in U.S. medical schools.

Deadline:
Oct. 1, 1981.

For Further Information, Contact:

American Lung Association
Director of Medical Affairs
1740 Broadway
New York, N.Y. 10019
(212) 245-8000

(From 1981 ARIS)

American Lung Association Training Fellowships

No. FY81-750

Program:

Awards (\$14,000 per year, renewable) for those interested in careers in the prevention and control of lung diseases are offered to: (1) physicians entering the second or later year of residency in internal medicine, pediatrics, thoracic surgery, basic sciences or other specialties relevant to lung disease; (2) holders of other doctoral degrees interested in further training as scientific investigators in lung disease.

Deadline:
Oct. 1, 1981.

For Further Information, Contact:

American Lung Association
Director of Medical Affairs
1740 Broadway
New York, N.Y. 10019
(212) 245-8000

(From 1981 ARIS)

**American Lung Association
Research Grants**

No. FY81-751

Program:

Research funds (\$10,000-\$15,000 a year for one to two years) for the support of young postgraduate investigators in the field of prevention and control of lung disease. Applicants must be U.S. or Canadian citizens or holders of bona fide U.S. permanent visas working in U.S. institutions.

Deadlines:

Nov. 1, 1981.

For Further Information, Contact:

American Lung Association
Director of Medical Affairs
1740 Broadway
New York, N.Y. 10019
(212) 245-8000

(From 1981 ARIS)

**American Society for Artificial Internal Organs
Fellowships**

No. FY81-752

Program:

Awards (up to \$15,000 plus \$2,000 for travel and support) for salaries of fellows to encourage young investigators to develop careers in research and development pertaining to artificial internal organs. Candidates may be doctoral candidates, postdoctoral fellows in medical science and engineering and residents planning to do research and must reside in North America. Apply by letter, including a detailed description of the proposed research plan and pertinent citations from the literature.

Deadline:

Sept. 10, 1981.

For Further Information, Contact:

American Society for Artificial Internal
Organs
Mrs. Karen E. Burke
Executive Director
P.O. Box 777
Boca Raton, Fla. 33432
(305) 391-8589

(From 1981 ARIS)

**The Gerontological Society of America
Brookdale Awards for Research in Gerontology**

No. FY81-753

Program:

Two awards of \$20,000 each will be made, one in biological and clinical research and the other in social and behavioral research. Nominees must be U.S. citizens and have been recognized both nationally and internationally for their distinguished scholarly and scientific contributions to research in gerontology. Awards conferred at the annual meeting, Nov. 8 through 12, 1981 in Toronto.

Deadline:

Aug. 12, 1981.

For Further Information, Contact:

The Gerontological Society of America
Chairperson
Brookdale Awards Screening Committee
Suite 305
1835 K. Street, N.W.
Washington, D.C. 20006
(202) 466-6750

(From 1981 ARIS)

**History of Science Society
Henry and Ida Schuman Prize**

No. FY81-754

Program:

An annual prize of \$500 open to American or Canadian college and university students for an original essay in the history of science. Essays must be 8,000 words in length and thoroughly documented. It is hoped that the winning essay will merit publication in *Isis*. Papers dealing with medicine, except as related to the natural sciences, are excluded and no more than one essay may be submitted by a single entrant.

Deadline:

July 15, 1981.

For Further Information, Contact:

History of Science Society
Professor L.J. Daston
Department of the History of Science
Harvard University
Science Center 235
Cambridge, Mass. 02138

(From 1981 ARIS)

**Institute of International Education
Fulbright Grants for Graduate Study Abroad**

No. FY81-755

Program:

The majority of grants are awarded to advanced gradu-

ate students (candidates in the arts need not have a degree) who, in most cases, will be engaged in doctoral-dissertation research. Other awards are available to graduate students, graduating seniors and candidates pursuing careers in the creative and performing arts. Grants are for one-year periods (except for very advanced predoctoral candidates and candidates in the arts, who for sufficient justification, may request shorter project periods of not less than six months). Funding is to support travel, tuition, books, maintenance and other costs for academic study in foreign countries. For full details of available programs and funds, applicants should write to the institute.

Deadline:
Oct. 31, 1981.

For Further Information, Contact:

Institute of International Education
Study Abroad Programs Division
809 United Nations Plaza
New York, N.Y. 10017
(212) 883-8265

(From 1981 ARIS)

**Institute of International Education
International Fellowship Program**

No. FY81-756

Program:

This program is to enable U.S. university graduates to study abroad for one academic year and foreign graduate students to pursue master's degrees in the U.S. Candidates must be citizens and permanent residents of the country from which they are applying and must be residents in their home countries at the time of application. They should have completed more than half of their secondary and college education in their home countries and should hold a bachelor's degree or its equivalent before the beginning date of the ITT award. Candidates must indicate an intention to return to their home countries upon completion of their studies under this grant. There are no restrictions as to age, race, sex or religion; however, preference is given to single students without dependents. Proficiency in the language of the country of study sufficient to carry out the type of study planned is required. A stipend is available which will cover maintenance, tuition, books, incidentals, local travel abroad, health and accident insurance and international travel. Further information and address given below.

Deadline:
Oct. 31, 1981.

For Further Information, Contact:

Institute of International Education
Study Abroad Programs Division
809 United Nations Plaza
New York, N.Y. 10017
(212) 883-8265

(From 1981 ARIS)

**International Union Against Cancer
Eleanor Roosevelt International
Cancer Fellowship**

No. FY81-757

Program:

Stipends (varying, dependent upon applicant's staff salary, number of dependents, etc.) and some travel allowance, to permit researchers to broaden their experience in the experimental or clinical aspect of cancer research by studying at a single institution in another country. Fellowships normally last for one year. Applicants must meet the following requirements: (1) they must have a demonstrated capacity for independent research; (2) must submit a work plan or research program acceptable to the head of the institution at which they plan to work; (3) must submit evidence of acceptance at the institution at which they plan to work, at the required dates; (4) must have adequate facility in the language of the host institution and (5) must provide assurance that they will have research facilities to continue their work when they return home at the end of the year. In addition, applicants must be on the staff of the university, teaching hospital, research laboratory or similar institution.

Deadline:
Oct. 1, 1981.

For Further Information, Contact:

International Union Against Cancer
3 Rue de Conseil-General
1205 Geneva, Switzerland

(From 1981 ARIS)

**Leukemia Society of America
Scholar Program**

No. FY81-758

Program:

Five-year grants (totaling \$125,000) to individuals in the clinical or basic science departments of universities or associated research institutes. The awards are administered by the sponsoring institutions. Applicants should show a capacity for sustained original investigation in the field of abnormal growth as it results in leukemia.

Deadline:
Sept. 1, 1981.

For Further Information, Contact:

Leukemia Society of America
Kenneth B. McCredie, M.D.
V.P. for Medical & Scientific Affairs
800 Second Avenue
New York, N.Y. 10017
(212) 573-8484

(From 1981 ARIS)

Leukemia Society of America Senior Fellow Program

No. FY81-759

Program:

Two year grants (totaling \$37,000) for postdoctoral researchers whose qualifications place them between scholar and fellow status.

Deadline:

Sept. 1, 1981.

For Further Information, Contact:

Leukemia Society of America
Kenneth B. McCredie, M.D.
V.P. for Medical & Scientific Affairs
800 Second Avenue
New York, N.Y. 10017
(212) 573-8484

(From 1981 ARIS)

Leukemia Society of America Fellow Program

No. FY81-760

Program:

Two-year awards (up to a total of \$30,000) for promising young investigators assisting and being trained by physicians and other scientists in fields relevant to leukemia. Only two fellow awards will be made to an institution per year.

Deadline:

Sept. 1, 1981.

For Further Information, Contact:

Leukemia Society of America
Kenneth B. McCredie, M.D.
V.P. for Medical & Scientific Affairs
800 Second Avenue
New York, N.Y. 10017
(212) 573-8484

(From 1981 ARIS)

March of Dimes Birth Defects Foundation Research Grant Program

No. FY81-761

Program:

Grants are awarded to qualified institutions to support medical and scientific research in the field of birth defects. The usual request is for a two-year period. For all grant programs, a letter of inquiry, with a 300-word abstract of the proposal in birth defects, must be submitted before an application for a grant will be provided. On the top right-hand corner of the abstract, the experimental model to be used should be indicated, for example, humans, rabbits, tissue culture, etc., as well as the name of the program from the list below. The March of Dimes defines a birth defect as an abnormality of structure, function or metabolism, whether genetically determined or a result of environmental influence during embryonic or fetal life. Low birth weight is included

within this definition. A birth defect may cause disease from the time of conception through birth or later in life. The interests of the March of Dimes include the broader aspects of pregnancy outcome, i.e., factors underlying the birth and survival of a normal infant.

Deadline:

None.

For Further Information, Contact:

March of Dimes Birth Defects Foundation
Vice President for Research
1275 Mamaroneck Avenue
White Plains, N.Y. 10605
(914) 428-7100

(From 1981 ARIS)

March of Dimes Birth Defects Foundation Clinical Research Grants

No. FY81-762

Program:

For specific, well-defined research projects or rather limited size involving birth defects in humans.

Deadline:

Aug. 1, 1981.

For Further Information, Contact:

March of Dimes Birth Defects Foundation
Vice President for Research
1275 Mamaroneck Avenue
White Plains, N.Y. 10605
(914) 428-7100

(From 1981 ARIS)

March of Dimes Birth Defects Foundation Social and Behavioral Sciences

No. FY81-763

Program:

For the investigation of medical, psychological, social and family factors affecting the psychological development of infants and children with birth defects for the first eight years of life. Proposals which are interdisciplinary, conducted through co-investigatorships of physicians and psychologists are preferred. Funding not expected to exceed \$25,000.

Deadline:

Sept. 1, 1981.

For Further Information, Contact:

March of Dimes Birth Defects Foundation
Vice President for Research
1275 Mamaroneck Avenue
White Plains, N.Y. 10605
(914) 428-7100

(From 1981 ARIS)

March of Dimes Birth Defects Foundation Basic Research Grants

No. FY81-764

Program:

For research into the etiology of birth defects in three main areas: (1) Hereditary influence - the structure and function of chromosomes, their sub-units, genes, their supporting structures; (2) Environmental effects - drugs, radiation, infections and malnutrition as well as more subtle factors such as cytoplasmic influences; (3) Interaction between heredity and environment-enzyme feedback and an individual's resistance to disease. Research leading to an understanding of human teratogenesis given preference.

Deadline:

Oct. 1, 1981.

For Further Information, Contact:

March of Dimes Birth Defects Foundation
Vice President for Research
1275 Mamaroneck Avenue
White Plains, N.Y. 10605
(914) 428-7100

(From 1981 ARIS)

March of Dimes Birth Defects Foundation Basil O'Connor Starter Research Grants

No. FY81-765

Program:

This program is designed for young M.D.'s or Ph.D.'s who are interested in embarking on independent careers involving a substantial commitment to birth defects research. Grants are for one to two years at a maximum of \$25,000 per year.

Deadline:

None.

For Further Information, Contact:

March of Dimes Birth Defects Foundation
Vice President for Research
1275 Mamaroneck Avenue
White Plains, N.Y. 10605
(914) 428-7100

(From 1981 ARIS)

Medical Research Council (Canada) Fellowships

No. FY81-766

Program:

Applicants must have an M.D., D.D.S., D.V.M. or Ph.D. degree to be eligible for fellowships to undertake full-time research training in a health professional school. The stipend is \$14,750-\$22,750 (Canadian) per annum for 12 months, renewable. Form MRC 18, complete academic transcripts and three assessments by individuals familiar with the applicant's achievements must be submitted.

Deadline:

Oct. 1, 1981.

For Further Information, Contact:

Medical Research Council (Canada)
Director, Awards Program
Ottawa, Ontario K1A 0W9
Canada
(613) 996-8171

(From 1981 ARIS)

National Easter Seal Society Research Grant Programs

No. FY81-767

Program:

Grants (up to \$15,000 for one to three years) preferably for projects for which matching funds are or will be available. Funds may not be used for paying principal or coprincipal investigator, travel or conferences, publication costs, hospital-care payment, routine treatment of patients under study or purchase of major pieces of equipment. The foundation supports research on (1) measures for enhancing the effectiveness of rehabilitation; (2) improving impaired functions or mitigating the effects of dysfunction; (3) preventing physical disability; (4) causes of crippling. (See Information Circular FY81-768 for the five types of awards).

Deadline:

Sept. 1, 1981.

For Further Information, Contact:

National Easter Seal Society
William Gellman, Ph.D., Director
2023 West Ogden Avenue
Chicago, Ill. 60612
(312) 243-8400

(From 1981 ARIS)

National Easter Seal Society Research Grant Awards

No. FY81-768

Grants-in-aid: To underwrite partial or full costs of specific projects.

Grants for Cooperative University-Rehabilitation Center Research Programs: For cooperative projects between a university and a treatment center.

Conference Grants: To support small conferences for identifying research problems.

Matching Grants: To Easter Seal affiliates requiring matching funds to acquire research grants from public or private agencies.

Planning Grants: For initial exploration or small pilot study.

Deadline:

Sept. 1, 1981.

For Further Information, Contact:

National Easter Seal Society
William Gellman, Ph.D., Director
2023 West Ogden Avenue

Chicago, Ill. 60612
(312) 243-8400

(From 1981 ARIS)

National Fund for Medical Education Grants for Innovative Programs in Medical Education

No. FY81-769

Program:

Grants averaging \$7,500 to \$45,000 per year, awarded for one or two years to U.S. medical schools, teaching hospitals, consortia of schools or hospitals, medical societies and other nonprofit organizations proposing creative and innovative projects concerned with medical education. The NFME priorities for the 80's are (1) To support further advances in medical education that will assure delivery of the best quality health care at the least cost within ethical constraints; (2) To support innovations that would improve the ability of medical schools to select students who possess and retain qualities desirable in future physicians; (3) To support programs that will improve communications and otherwise enhance relationships between patients and their physicians; (4) To promote interest in careers as physician-investigators and/or teachers in order to maintain the quality of biomedical research and medical education and (5) To support changes in medical education that will improve the education process.

Deadline:

Oct. 1, 1981.

For Further Information, Contact:

National Fund for Medical Education
999 Asylum Avenue
Hartford, Ct. 06105
(203) 278-5070

(From 1981 ARIS)

National Fund for Medical Education Dissemination Mini-Grants

No. FY81-770

Program:

A maximum \$10,000 award over a one-year period is available to facilitate the adaptation of proven educational programs in NFME's priority areas (see above) to new institutional settings. Applicants are expected to select and modify existing programs from other settings to the particular needs of their curriculum or courses. Special application forms are available on request.

Deadline:

Oct. 1, 1981.

For Further Information, Contact:

National Fund for Medical Education
999 Asylum Avenue
Hartford, Ct. 06105
(203) 278-5070

(From 1981 ARIS)

National Fund for Medical Education Fellowships in Medical Education

No. FY81-771

Program:

To expand the knowledge and skills of young postdoctoral students (M.D., Ph.D., Ed.D., etc.) who have completed residency or other formal training and plan careers in academic medicine through one year of supervised study of the discipline of medical education. Stipends will cover salaries up to \$20,000.

Deadline:

Nov. 1, 1981.

For Further Information, Contact:

National Fund for Medical Education
999 Asylum Avenue
Hartford, Ct. 06105
(203) 278-5070

(From 1981 ARIS)

North Atlantic Treaty Organization Research Grants Program

No. FY81-772

Program:

The purpose of this program is to stimulate collaborative research carried out by scientists in different member countries of NATO. Grants averaging \$5,000 are made for a period of one year (renewable) for travel and living expenses abroad; visits to partner institutes abroad of up to three months' duration are allowed. The research project must be specific, should be carried out jointly by scientists in at least two different member countries and must rely on other support for its basic costs (salaries, equipment, consumables). Most fields of science are eligible for support, emphasis being given to fundamental aspects rather than to technological development, although projects in the basic and applied sciences with promising applications are also funded.

Deadline:

Sept. 15, 1981.

For Further Information, Contact:

North Atlantic Treaty Organization
Scientific Affairs Division
B-1110 Brussels, Belgium

(From 1981 ARIS)

Elsa G. Pardee Foundation Grants

No. FY81-773

Program:

Research project grants (\$2,000-\$75,000) for U.S. institutions engaged in research projects directed toward the cure and control of cancer. The foundation particularly welcomes innovative, small-scale,

short-term projects which may be difficult to fund elsewhere. Application forms are available on written request and should accompany all project proposals.

Deadline:
Nov. 1, 1981.

For Further Information, Contact:

Elsa U. Pardee Foundation
Box 1866
Midland, Mich. 48640

(From 1981 ARIS)

Helen Hay Whitney Foundation Postdoctoral Research Fellowships in Biomedical Sciences

No. FY81-774

Program:
Postdoctoral support (\$15,000 a year for three years, with allowances for travel and laboratory expenses) for beginning researchers with M.D., Ph.D. or equivalent degree, 35 years or younger, who plan careers in biological or medical research, for research training in basic biomedical sciences.

Deadline:
Aug. 15, 1981.

For Further Information, Contact:

Helen Hay Whitney Foundation
Barbara M. Hugonnet
Administrative Director
450 East 63rd Street
New York, N.Y. 10021
(212) 751-8228

(From 1981 ARIS)

Department of Energy Used Energy-Related Laboratory Equipment Grants

No. FY81-775

Used energy-related laboratory equipment is available from the DOE to energy-related educational programs in colleges and universities. Further information can be obtained from brochure number DOE-ER-0042, "Instruction and Information on Used Energy-Related Laboratory Equipment Grants for Educational Institutions of Higher Learning," which can be obtained from DOE, Technical Information Center, P.O. Box 62, Oakridge, Tenn. 37830. Equipment lists can be reviewed at the nearest DOE field office.

Deadline:
None.

For Further Information, Contact:

Department of Energy
University and Industry Programs
Mail Stop FO-32
1000 Independence Ave., S.W.

Washington, D.C. 20585
Dr. Larry Baker
(202) 252-6835

(From 1981 ARIS)

Alexander Von Humboldt Foundation Humboldt Award—Awards for Senior U.S. Scientists

No. FY81-776

Program:
Awards ranging from DM 25,000 to 85,000 and the right to stay for an extended period at research institutes in the Federal Republic of Germany to carry out scientific research of the awardee's choice. Awards are made exclusively to full professors, associate professors, as well as scientists of equivalent standing outside the universities. Candidates should be from the fields of mathematical, physical, chemical, biological, medical, engineering, computer and earth sciences. Professors in the humanities, arts or social sciences cannot be considered under this program. Nominations for awards are initiated solely by leading German researchers and research institutions.

Deadline:
None.

For Further Information, Contact:

Alexander Von Humboldt Foundation
Dr. Heinrich Pfeiffer
Secretary General
Jean-Paul Str. 12
D-5300 Bonn-Bad Godesberg
Federal Republic of Germany
(0228) 36 30 21 Telex: 8 85 627

(From 1981 ARIS)

current publications and other scholarly works

COLLEGE OF ARTS AND LETTERS

English

Gernes, Sonia G.

S.G. Gernes. 1981. Poem. The deaf girl's love child. Poetry Northwest 22:38-39.

S.G. Gernes. 1981. Life after life: Katherine Anne Porter's version. Journal of Popular Culture 14:669-675.

Government and International Studies

Dallmayr, Fred R.

F.R. Dallmayr. 1981. Beyond dogma and despair: Toward a critical phenomenology of politics. University of Notre Dame Press, Notre Dame, Indiana. ix + 358 pp.

F.R. Dallmayr. 1981. Twilight of Subjectivity: Contributions to a Post-Individualist Theory

of Politics. University of Massachusetts Press, Massachusetts.

Modern and Classical Languages

Anadón, Jose

J. Anadón. 1980. Escritos inéditos de Moraleda y Montero. Ediciones Similia Santiago, Chile. ix + 176 pp.

Sociology and Anthropology

Carlton, Wendy

W. Carlton. 1981. Perfectability and the neonate. The burden of expectations on mothers and their health providers. Pages 129-133 in, H. Holmes, B. Hoskins and M. Grors, eds. The Custom-Made Child? Women-Centered Perspectives. Humana Press, Incorporated, Clifton, New Jersey.

Theology

O'Connor, CSC, Edward D.

E.D. O'Connor, CSC. These three remain - Faith, hope and charity revisited. A set of five cassettes published by Ave Maria Press.

COLLEGE OF SCIENCE

Chemistry

Helman, W. Phillip

*R.H. Schuler, A.B. Ross and W.P. Helman. 1981. Bibliographies on Radiation Chemistry: Introduction to the series. Radiation Physics and Chemistry 17:3-4.

Miller, Marvin J.

P.G. Mattingly and M.J. Miller. 1981. Synthesis of 2-azetidinones from serinehydroxamates: Approaches to the synthesis of 3-aminonocordicinic acid. The Journal of Organic Chemistry 46(8): 1557-1564.

Ross, Alberta B.

*R.H. Schuler, A.B. Ross and W.P. Helman. 1981. Bibliographies on Radiation Chemistry: Introduction to the series. Radiation Physics and Chemistry 17:3-4.

Schuler, Robert H.

*R.H. Schuler, A.B. Ross and W.P. Helman. 1981. Bibliographies on Radiation Chemistry: Introduction to the series. Radiation Physics and Chemistry 17:3-4.

Schwartz, Maurice E.

*C.M. Quinn and M.E. Schwartz. 1981. Core-electron binding energies from self-consistent field molecular orbital theory using a mixture of all-electron real atoms and valence-electron model atoms. Journal of Chemical Physics 74(9):5181-5185.

*Under the Radiation Laboratory

Mathematics

Knight, Julia F.

J.F. Knight. 1980. Algebraic independence. The Journal of Symbolic Logic 46(2):377-384.

Kolettis, George

G. Kolettis and W.J. Keane. 1980. Imbedden N-high subgroups of Abelian Groups. Commentarii Mathematici Universitatis Sancti Pauli 29:145-155. Based on Notre Dame thesis under George Kolettis, Professor of Mathematics.

COLLEGE OF ENGINEERING

Aerospace and Mechanical Engineering

Lee, Lawrence H.N.

D.H.Y. Ng and L.H.N. Lee. 1981. On verification of a theory in dislocation plasticity. Physica Status Solidi 63(a):63-74.

Slepicka, Kenneth L.

K.L. Slepicka and G.A. Spohrer. 1981. An evaluation of the effect of teller terminals on banking performance. 1981 Spring Annual Conference Proceedings Detroit, Michigan. Pages 21-29.

Chemical Engineering

Strieder, William

F.G. Ho and W. Strieder. 1981. A mean free path kinetic theory of void diffusion in a porous medium with surface diffusion. I Asymptotic expansion in the Knudsen number. Journal of Chemical Physics 74:4742-4744.

Civil Engineering

Ketchum, Jr., Lloyd H.

L.H. Ketchum, Jr. 1981. Teaching engineering design. Engineering Education 71(8):797-801.

Metallurgical Engineering and Materials Science

Fiore, Nicholas F.

J.K. Fulcher, T.H. Kosel and N.F. Fiore. 1981. Effect of carbide volume fraction on the low-stress abrasion resistance of high Cr-Mo white cast irons. Wear of Materials - 1981 (ASME, New York). Pages 432-438.

H.R. Shetty, T.H. Kosel and N.F. Fiore. 1981. A study of abrasive wear mechanisms in cobalt-base alloys. Wear of Materials - 1981 (ASME, New York). Pages 404-414.

Kosel, Thomas H.

J.K. Fulcher, T.H. Kosel and N.F. Fiore. 1981. Effect of carbide volume fraction on the low-stress abrasion resistance of high Cr-Mo white cast irons. Wear of Materials - 1981 (ASME, New York). Pages 432-438.

H.R. Shetty, T.H. Kosel and N.F. Fiore. 1981. A study of abrasive wear mechanisms in cobalt-base alloys. Wear of Materials - 1981 (ASME, New York). Pages 404-414.

COLLEGE OF BUSINESS ADMINISTRATION

Accountancy

Misiewicz, Kevin M.

K.M. Misiewicz. 1981. A systematic approach to factors determining the amount of a charitable.

contribution deduction. TAXES - The Tax Magazine 59(5):335-340.

Ricchiute, David N.

D.N. Ricchiute. 1981. Foreign corrupt practices, internal control and the planning executive. Managerial Planning 29(6):10-12, 18.

L.M. Savoie and D.N. Ricchiute. 1981. Reports by Management: Voluntary or mandatory? The Journal of Accountancy Pages 84-94.

Savoie, Leonard M.

L.M. Savoie. 1981. Book review of financial times world survey of annual reports 1980. International Accounting Forum 12:6-7.

L.M. Savoie and D.N. Ricchiute. 1981. Reports by Management: Voluntary or mandatory? The Journal of Accountancy Pages 84-94.

Management

Keon, Thomas L.

T.L. Keon. 1981. Developing structure to motivate in the classroom. Journal of Business Education 56(7).

LAW

Ripple, Kenneth F.

K.F. Ripple. 1980. The entanglement test of the

religion clauses - a ten year assessment. UCLA Law Review 27:1195.

AMBROSIANA COLLECTION

Gabriel, Astrik L.

A.L. Gabriel. 1981. Review: *Facultas S. Theologiae Lovaniensis 1432-1797. Bijdragen tot haar geschiedenis. Contributions to its history. Contributions á son histoire.* Edited by Edmund J.M. Van Eijl. *Bibliotheca Ephemeridum Theologicarum Lovaniensium*, 45. Leuven: University Press, 1977. The Catholic Historical Review 67:71-74.

RADIATION LABORATORY

Bays, J. Phillip

J.C. Scaiano, J.P. Bays and M.V. Encinas. 1981. Photoenolization in polymers. American Chemical Society Symposium Series 151:19-26.

LOBUND LABORATORY

Pollard, Morris

M. Pollard. 1980. Animal models for prostate cancer. The Prostate 1:207-213.

awards received

IN THE MONTH OF MAY, 1981

Department or Office	Principal	Short title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Mathematics	Stanton	Alfred P. Sloan Research Fellowship	Alfred P. Sloan Fdtn.	20,000 24
Mathematics	Dwyer	Alfred P. Sloan Research Fellowship	Alfred P. Sloan Fdtn.	20,000 24
Chemistry	Miller	Alfred P. Sloan Research Fellowship	Alfred P. Sloan Fdtn.	20,000 24
Physics	Mihelich, Darden, Funk, Kolata	Nuclear structure research	Natl. Sci. Fdtn.	499,887 12
Chemistry	Castellino	Catalytic properties of blood coagulation protein C	Amer. Heart Assocn.	17,710 12
Aerospace Mech. Eng.	Kanury	Scaling correlations of flashover experiments	Natl. Bureau Standards	45,029 12
Biology	Tweedell	Lucke tumor research	Cancer Soc. Huntington Cnty.	750 12
Chemistry	Miller	Synthesis of beta-lactams from hydroxamic acids	Natl. Inst. Health	56,345 12
Biology	Nasci, Craig	Host utilization and blood feeding success in <i>Aedes triseriatus</i>	Natl. Inst. Health	15,040 12
Electrical Eng.	Sain	Design of multivariable control systems	Natl. Sci. Fdtn.	45,001 12
Civil Eng.	Bang	Soil reinforcement in soft ground tunneling	Dept. Transportation	194,279 24
Electrical Eng.	Sain	Total synthesis algorithms for multivariable control systems	U.S. Navy	16,000 4
AWARDS FOR FACILITIES AND EQUIPMENT				
Physics	Kenney	Video terminals and microprocessor kits	Digital Equipment Corp.	10,500 ^a - - -

Department or Office	Principal	Short title	Sponsor	Dollars Months
Civil Eng.	Ketchum, Theis Irvine	Specialized engineering research equipment grant-gas chromatograph	Natl. Sci. Fdn.	8,667 17.5
AWARDS FOR EDUCATIONAL PROGRAMS				
Biology	Weinstein	Experimental parasitology and vector biology	Natl. Inst. Health	103,955 12
Biology	Greene	"Web of Life" - Michiana ecosystem as a natural laboratory	Natl. Sci. Fdn.	4,730 18
Snite Museum Art	Porter, Halley	Education expansion program: four families of humanity	Ind. Arts Commission	5,000 12
Music	Bryttan	Opera - "Ariadne Auf Naxos" by R. Strauss	Ind. Arts Commission	2,000 10
AWARDS FOR SERVICE PROGRAMS				
Cent. Past. Soc. Min.	Melloh	Notre Dame Center for Pastoral Liturgy	- - -	734
Cent. Past. Soc. Min.	Melloh	Notre Dame Center for Pastoral Liturgy - Workshops	- - -	2,398 --
Cent. Past. Soc. Min.	Pelton	Notre Dame Institute for Clergy Education	- - -	820 --
Cent. Past. Soc. Min.	McNeill	Center for Experiential Learning	- - -	699 --
Cent. Past. Soc. Min.	Gaynor	Religious Leaders Program	- - -	268 --
Upward Bound	King, Smith	Food and Nutrition Program	Ind. Dept. Public Instruc.	14,741 1.5
Cent. Past. Soc. Min.	Melloh	Notre Dame Center for Pastoral Liturgy	- - -	712 --
Cent. Past. Soc. Min.	Melloh	Notre Dame Center for Pastoral Liturgy - Training Programs	- - -	1,598 --
Cent. Past. Soc. Min.	Pelton	Notre Dame Institute for Clergy Education	- - -	1,449 --
Cent. Past. Soc. Min.	McNeill	Center for Experiential Learning	- - -	610 --
Cent. Past. Soc. Min.	Gaynor	Religious Leaders Program	- - -	968 --

^aValue of equipment in-kind

proposals submitted

IN THE MONTH OF MAY, 1981

Department or Office	Principal	Short title	Sponsor	Dollars Months
PROPOSALS FOR RESEARCH				
Electrical Eng.	Sain	Zero module and frequency domain design	Natl. Aero. Space Admin.	15,520 12
Center Const. Studies	Gaffney	History and theory of tax-exempt status for religious organizations	Lilly Endow., Inc.	143,430 18
Chemistry	Scheidt	X-ray and chemical studies of metalloporphyrins	Natl. Inst. Health	141,555 12
Memorial Library	Masin	Fellowship - bibliography of Evelyn Waugh	Natl. Endow. Human.	11,000 6
Microbiology - Lobund Lab.	Wagner	Effectiveness of colostrum whey on mortality in CFW mice	Impro Products, Inc.	23,744 7
Biology	Carpenter	Acid-rain induced compositional change in submersed macrophyte communities	State Univ. of NY at Binghamton	6,338 3
Microbiology	Burleson	Inhibition of Herpes simplex virus replication	Impro Products, Inc.	28,583 12
South Bend Ctr. Med. Educ.	Olson	Vascular pathways in fish gills	IU-PUI	25,000 12

Department or Office	Principal	Short title	Sponsor	Dollars Months
Theology	Blenkinsopp	Abraham bargaining with God: A study in comparative exegesis	Natl. Endow. Human.	22,000 12
General Program	Ferguson	Aesthetics and criticism of electronic music: A history and commentary	Natl. Endow. Human.	24,974 12
Cushwa Center Amer. Cathol.	Dolan	Historical study of Roman Catholic theological education	Lilly Endow., Inc.	54,997 11
Center Study Man	Carlton	Is there a right to be born healthy?	Ford Fdtn.	44,174 12
General Program	Lyon	Humanitarian ideology and American agribusiness	Natl. Endow. Human.	22,000 12
Microbiology - Lobund Lab.	Pollard	Intestinal carcinogenesis in con- ventional germfree rats	Natl. Inst. Health	100,614 12
Philosophy	Freddoso	Philosophical investigations into the nature of God	Natl. Endow. Human.	11,000 6
Medieval Institute	McInerny	Ambrosiana catalog project	Natl. Endow. Human.	166,404 12
Physics	Bose	Structure of gauge theories with spontaneous symmetry breaking	Natl. Sci. Fdtn.	30,111 24
Philosophy	Manier	History of three research areas in cellular neurophysiology	Natl. Endow. Human.	- - - 12
Center. Const. Studies	Gaffney	History and theory of tax-exempt status for religious organizations	Sordoni Fdtn.	15,300 18
General Program	Lyon	Christian-humanitarian ideology and American agribusiness	Ford Fdtn.	86,092 19
PROPOSALS FOR FACILITIES AND EQUIPMENT				
Aerospace Mech. Eng.	Brach	Computers for engineering design education	Apple Education Fdtn.	23,670 12
Microbiology - Lobund Lab.	Pollard, Westmann	Request for equipment	Fannie E. Rippel Fdtn.	95,800 - - -
PROPOSALS FOR EDUCATIONAL PROGRAMS				
Physics	Shephard	Support for XII International Symposium on Multiparticle Dynamics	Dept. Energy	3,774 9
Psychology	Borkowski, Whitman	Research training in mental retardation	(private fdtn.)	36,323 24

summary of awards received and proposals submitted

IN THE MONTH OF MAY, 1981

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	5	\$ 588,022	7	\$ 362,019	12	\$ 950,041
Facilities and Equipment	--	- - -	2	19,167	2	19,167
Educational Programs	2	108,685	2	7,000	4	115,685
Service Programs	--	- - -	11	24,997	11	24,997
Total	7	\$ 696,707	22	\$ 413,183	29	\$ 1,109,890

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	5	\$ 449,093	15	\$ 523,743	20	\$ 972,836
Facilities and Equipment	--	- - -	2	119,470	2	119,470
Educational Programs	--	- - -	2	40,097	2	40,097
Service Programs	--	- - -	--	- - -	--	- - -
Total	5	\$ 449,093	19	\$ 683,310	24	\$ 1,132,403

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