

notre dame report

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the university

hesburgh to observe salvadoran elections

Rev. Theodore M. Hesburgh, C.S.C., is among seven persons named by the U.S. Department of State to observe the elections in El Salvador on March 28.

The delegation will be headed by Sen. Nancy L. Kassenbaum, Republican of Kansas, and includes Father Hesburgh, Congressman Bob Livingston of Louisiana; Everett E. Briggs, deputy assistant secretary for Inter-American affairs; Clark Kerr, president emeritus of the University of California at Berkeley, and Richard M. Scammon and Howard Penniman, well-known election experts. They are scheduled in the country during the final week of the campaign to witness the polling and vote counting process.

editor of law review named

Marianne Lafferty, a second-year student in the Notre Dame Law School, is the first woman named as editor-in-chief of the "Notre Dame Lawyer" in the 58-year history of the publication. Lafferty will assume the position during the 1982-83 academic year, editing Vol. 58 of the law school publication. The "Notre Dame Lawyer" currently has a circulation of about 1,000, publishing articles from both student and outside authors.

easter vacation library hours

	<u>Memorial Library</u>	<u>Science & Engineering Libraries</u>
April 8	8 a.m.-11:45 p.m.	8 a.m.- 5 p.m.
April 9	8 a.m.- 1 p.m.	Closed
(Good Friday)	6 p.m.-11:45 p.m.	
April 10	8 a.m.-11:45 p.m.	9 a.m.- 5 p.m.
April 11	Closed	Closed
(Easter)		
April 12	8 a.m.-11:45 p.m.	8 a.m.-10 p.m.

Hours of service for the various information areas in the Memorial Library will be posted in the vicinity of the service desks or counters.

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minority student enrollment

Minority students make up 8 percent of the University's undergraduates and 5 percent of its Graduate School enrollment in the 1981-82 academic year, unchanged from the previous year.

The percentage of black students fell from 4 to 3 in the undergraduate student body, while Hispanic students increased from 3 to 4 percent. Hispanic students' percentage in the Graduate School rose from 2 to 3 percent, while the percentage of black students remained at 1 percent. American Indians and Asian Americans made up the rest of the minority students on both levels.

There was a 24 percent increase in accepted minority students, reflecting intensified recruiting by the undergraduate admissions office, but rising costs, cutbacks in federal funds and limited University financial aid resources caused low confirmation and high cancellation rates.

endowed chairs named

Rev. Charles Kannengiesser, S.J., professor at the Institut Catholique in Paris, has been named to the Catherine F. Huisking Chair in Theology, and Alvin Plantinga, professor of philosophy at Calvin College, Grand Rapids, Mich., to the John A. O'Brien Chair in Philosophy.

Father Kannengiesser, who was a visiting professor of theology at Notre Dame last semester, received his theological education at the University of Montpellier, the University of Strasbourg, the Jesuit Theologate in Chantilly, and the Institut Catholique, where he received his doctorate in theology in 1966. The successor at the Institut of Jean Cardinal Danielou, Father Kannengiesser was chairman of graduate studies in theology from 1970 to 1975 and was made a full professor in 1977. He has been a visiting lecturer at several universities in Europe, Canada and the United States, where he has lectured at Yale, Brown and Claremont Universities and Boston College. A member of the International Association for Patristic Studies, he has published widely in that field.

Plantinga, who is president of the Western Division of the American Philosophical Association, received his bachelor's degree from Calvin College in 1954, his M.A. from the University of Michigan in 1955 and his Ph.D. from Yale University in 1958. He has taught at Calvin College since 1963, and has been a visiting professor at ten American universities, including Harvard, Chicago, Indiana, and the University of California at Los Angeles. Since 1973 he has taught occasionally at Notre Dame as an adjunct professor. He received a Harbison Award for distinguished teaching in 1968 and was a Guggenheim Fellow in 1971-72. Other fellowships he has received came from the National Endowment for the Humanities and the American Council of Learned Societies. He was a fellow at the Center for Advanced Study in the Behavioral Sciences in 1968-69 and was elected to the American Academy of Arts and Sciences in 1975. A specialist in the philosophy of religion, he has written six books and 50 articles.

faculty notes

honors

Thomas P. Bergin, dean of Continuing Education and a member of the National Council on the Arts, has agreed to serve on the Advisory Board of Arts Insight. The publication is the only comprehensive statewide publication concerning the arts in Indiana. It acts as a source of information concerning the availability of theatre, music, dance, museum and galleries throughout the state.

Francis J. Castellino, dean of the college of science and professor of chemistry, has been invited to be a member of the Biomedical Sciences Study Section of the Department of Health and Human Services, National Institute of Health, effective immediately.

Robert F. O'Brien, associate professor of music and director of University Bands, has been appointed to the Board of Directors of the John Philip Sousa Memorial Foundation for a three-year term.

Morris Pollard, professor of microbiology and director of Lobund laboratory, has been appointed to the Journal of Virological Methods.

Albin A. Szewczyk, professor and chairman of aerospace and mechanical engineering, has been appointed as a founding member of a Standing Committee on Fluid Mechanics of the Applied Mechanics Division of the American Society of Mechanical Engineers.

Kathleen J. Turner, assistant professor of communication and theatre, has been named as chairperson of the Debut Program Committee for the 1983 Speech Communication Association Convention, Washington, D.C.

Eugene Ulrich, associate professor of theology, was selected as a member of the Revised Standard Version Bible Committee under the aegis of the National Council of Churches.

activities

Esmee Cromie Bellalta, associate professor of architecture, presented a paper entitled "Architecture and Perceptions of Space" at the International Design Conference, "Design Environments for All People," which was held at the United Nations Building, N.Y., Jan. 22-24.

Dino S. Cervigni, associate professor of Italian, chaired a session of Italian literature on "Memory and Tradition" at the Tenth Annual Conference on 20th-century Literature, University of Louisville, Ky., Feb. 24-26.

James M. Daschbach, professor of aerospace and mechanical engineering, presented two seminars for the Reserve Component National Security Course sponsored by the National Defense University and held at the Naval Air Base, Pensacola, Fla.: "Introduction to Defense Analysis" on Feb. 10 and "Critique Case Study" on Feb. 11.

Evelyn A. Early, assistant professor of anthropology, presented a lecture on "Pop Culture and Local Islam in Egypt" to the Young Ambassadors Group, Brigham Young University, Provo, Ut., Nov. 2. She also spoke on "Creative Modernism in Early 20th-century Egypt" at the Middle East Studies Association meeting, Seattle, Wash., Nov. 5.

Thomas P. Fehlner, professor of chemistry, presented a seminar entitled "Metalloboranes: Heteroatom Clusters and Metal-Ligand Complexes" at the Department of Chemistry, Purdue University, West Lafayette, Ind., on Feb. 11. He also presented a talk on UV-Photoelectron Spectroscopy to the St. Joseph Valley section of the American Chemical Society on Feb. 17.

Josephine M. Ford, associate professor of theology, delivered six Lenten lectures on "Luke and Non-violence" at the Wesleyan Church in Niles, Mich. She also gave a lecture on "The Early Church" at Elkhart Biblical Seminary, Elkhart, Ind., March 4.

Moiria Marti Geoffrion, assistant professor of art, is displaying her sculptures at Slippery Rock State College, Penn., from March 15 to April 2. Her recent works incorporate wooden and copper linear structures which include fragmented hand-made paper planes within a constructed space.

Denis Goulet, O'Neill professor of education for justice, served as a panelist following a lecture on "Reagan's Foreign Policy" by General Robert E. Huyser at the University of Notre Dame, on Feb. 9. He lectured on "Reagonomics in the Third World: Business Growth vs. Cultural Development" at Notre Dame, Feb. 10. Goulet served as an advisor to a planning symposium on the "Establishment of an International Institute for Post-Graduate Development Studies" in Yamoussoukro, Ivory Coast, Feb. 15-18. He delivered two lectures, "Reflections on the Present State of North-South Dialogue" and "New Roles and Policies for Non-Governmental Organizations in Development," to Senegalese and USAID officials in Dakar, Senegal, on Feb. 22.

Stephen M. Hayes, associate librarian, chaired a meeting of the Acquisitions and Bibliographic Control Work Group at the midwinter meeting of the American Library Association, Denver, Colo., Jan. 22-27.

Douglas Kmiec, associate professor of law, was an invited speaker and panelist at the seminar on "Real Estate Practice in Indiana," sponsored by the Indiana Continuing Legal Education Forum, Valparaiso University, March 11-12.

Julia E. Knight, assistant professor of mathematics, gave an invited talk entitled "Degrees and Models" at the Logic Seminar, University of Chicago, Feb. 10.

Thomas Kselman, assistant professor of history, was an invited participant at a conference on Popular Religion and Politics in Latin America sponsored by the Social Science Research Council and held in Washington, D.C., from Feb. 28 to March 3. He served as chairman of the closing session on the general themes raised at the conference and led a discussion on "Comparisons between Latin American and European Popular Religion."

Jean LaPorte, associate professor of theology, gave a paper on "Christology in Early Christianity: Historical Development and Insights" at an international meeting of theologians in Jamaica, Feb. 18-20.

Haim Levanon, visiting professor of chemistry in the Radiation Laboratory, presented a seminar entitled "Light Induced Processes in Porphyrins and Chlorophylls" at the University of Illinois, Champaign, on Feb. 26.

Rev. Edward A. Malloy, C.S.C., associate professor of theology and associate provost designate, presented a talk titled "Notre Dame Through the Looking Glass," University of Notre Dame, Feb. 25, and a lecture on "Environmental Ethics and Geology," to the University's Department of Earth Sciences, Feb. 27. For the Lenten Lecture Series at Notre Dame, he spoke on the following topics: "Issues of Life and Death: Abortion, Infanticide, Euthanasia," Feb. 28; "Issues of Life and Death: War and Peace, Crime and Punishment," March 7; "Sexuality and Family Life," March 21. Malloy gave a lecture on "The Ethics of Test Tube Fertilization," for the Thomas More Society, Notre Dame, March 3.

John Matthias, professor of English, gave a reading of his poems at the National Poetry Center, London, England, on Feb. 2. He also gave a lecture on "Collaborative Translation" for the School of European Studies, University of East Anglia, England, on Feb. 16.

Rev. Richard McBrien, Crowley-O'Brien-Walter professor and chairman of theology, presented four lectures on the theme of "Religious Pluralism: Its Debt to Vatican II" at the annual Clergy and Laity Ecumenical Conference in Little Rock, Ark., March 10-11. He gave a keynote address on "The Catholic School Teacher and His/Her Role in Catholic Education" at the Teachers' Institute for the Archdiocese of Hartford, Hartford, Conn., March 16-17.

Mark A. McHugh, assistant professor of chemical engineering, presented a seminar entitled "Practical Applications of Operating Near the Critical Region" at the Standard Oil Company Research Center, Cleveland, Ohio, Feb. 19.

John G. Milcetic, visiting associate professor of mathematics, gave an invited talk entitled "Analytic Functions Which Preserve Series with Bounded Partial Sums" at the University of Central Arkansas, Conway, Ark., on Dec. 18.

Thomas J. Mueller, professor of aerospace and mechanical engineering, presented a seminar entitled "Smoke Visualization of Subsonic and Supersonic Flows" in the Department of Mechanical Engineering, Clemson University, Clemson, S.C., Feb. 18.

Pedatsur Neta, associate faculty fellow in chemistry and the Radiation Laboratory, presented a seminar on "Electron Transfer Processes" at the National Bureau of Standards, Washington, D.C., Feb. 11.

Thomas O'Meara, professor of theology, was elected Vice-President and Program Director of the North American Paul Tillich Society. The Society meets with the American Academy of Religion.

Larry K. Patterson, associate faculty fellow of chemistry in the Radiation Laboratory, presented a seminar entitled "Peroxidation in Model Lipid Systems: A Pulse Radiolysis Study" at the Upjohn Company, Kalamazoo, Mich., on Feb. 24.

Morris Pollard, professor of microbiology and director of Lobund Laboratory, delivered an invited lecture on "Metastasis" to the Research Staff of Pfizer Laboratories, Inc., Groton, Conn., Feb. 18, and on "Experimental Prostate Cancer" to the staff of the American Health Foundation, Valhalla, N.Y., Feb. 19.

Walter Rast, visiting professor of theology, presented a lecture on "The Dead Sea Archaeological Expedition" at Concordia College, Bronxville, N.Y., March 7.

David L. Schindler, assistant professor in the program of liberal studies, chaired the planning sessions at a meeting of the Board of Editors, North American edition of Communio: International Catholic Review, New York, N.Y., Feb. 19-21.

J. Eric Smithburn, associate professor of law, was the faculty advisor for Notre Dame Law School mock trial team, which placed first among 28 teams from 14 law schools in the Regional Mock Trial Competition, Drake University Law School, Des Moines, Ia., Feb. 10-13.

Andrew J. Sommese, associate professor of mathematics, gave a colloquium lecture on "The Birational Theory of Hyperplane Sections of Projective Threefolds" at Johns Hopkins University, Baltimore, Md., Feb. 17.

Nancy K. Stanton, associate professor of mathematics, gave a colloquium lecture entitled "The Heat Equation for the ∂ -Neumann Problem" at the University of Illinois at Chicago Circle on Jan. 27.

James L. Wittenbach, professor of accountancy and Peat, Marwick, Mitchell research associate, presented a talk entitled "The Economic Recovery Tax Act of 1981: Feast or Famine?" to the Planning Executives Institute in Niles, Mich., Feb. 16.

documen- tation

preretirement planning seminar

A preretirement planning seminar will be presented by TIAA/CREF for Notre Dame and St. Mary's faculty and administrators and their spouses. This seminar will cover planning for retirement and will be directed specifically to individuals age 55 and older. It will afford a good opportunity to review your TIAA requirement annuities and to have any questions answered by TIAA.

The seminar will be held on Tuesday, April 20 at 7 p.m. in the C-14 Auditorium of the ACC.

Please watch for further information or call Fred Freeman (5190) or M.J. Lloyd (5339) for further details.

special university awards recommendations

Nominations are requested for the three special awards described below. Nomination letters should include reasons appropriate to the award as well as sufficient background material and/or documentation to support the candidate's nomination. Selection is based on the letter and materials submitted by the nominator. Nominations should be sent to Katherine Tillman, Assistant Provost, by Monday, April 12 to be forwarded to the selection committees. Award winners will be honored at the President's Dinner in May.

Faculty Award

Established in the 1927-28 academic year by the Alumni Association, the Faculty Award singles out that faculty member who, in the opinion of his or her colleagues, has contributed outstanding service to the University of Notre Dame. Each year a selection committee, composed of prior winners and representing the Colleges and the Law School, studies the recommendations submitted by former recipients of this award, by the deans, and by individual faculty members, and selects a winner.

Faculty Award Winners Since 1960

1959-60	Otto Bird	1970-71	Thomas Stritch
1960-61	John Frederick	1971-72	Ernest Sandeen
1961-62	Milton Burton	1972-73	Rev. Ernan McMullin
1962-63	Stephen Kertesz	1973-74	Robert E. Rodes, Jr.
1963-64	Raymond Gutschick	1974-75	Herbert E. Sim
1964-65	Matthew Fitzsimons	1975-76	Ronald Weber
1965-66	Bernard D. Cullity	1976-77	Walter Miller
1966-67	John Magee	1977-78	J. Philip Gleason
1967-68	Rev. Charles E. Sheedy, C.S.C.	1978-79	K.T. Yang
1968-69	Bernard Waldman	1979-80	Frederick J. Crosson
1969-70	James Massey	1980-81	Jeremiah P. Freeman

Reinhold Niebuhr Award

Rev. Theodore M. Hesburgh, C.S.C., and Chancellor Willy Brandt were the first recipients of Reinhold Niebuhr awards sponsored by friends of the Protestant theologian and author. Receiving this award in September, 1972 at ceremonies at Union Theological Seminary in New York City, Father Hesburgh announced the establishment of a Reinhold Niebuhr award at the University of Notre Dame. This award is made annually to a student, faculty member, or administrator whose life and writings promote or exemplify the lifelong theological and philosophical concerns of Reinhold Niebuhr, particularly in the area of social justice in modern life. The initial award to Father Hesburgh was \$5,000. This he turned over to the Notre Dame endowment to underwrite an annual cash award of \$250 for the winner of this campus honor. Msgr. John J. Egan was the first recipient of the Reinhold Niebuhr award given at the President's Dinner in May, 1973. Other winners have been CILA (Community for the International Lay Apostolate), 1974; George N. Shuster, 1975; Rev. Louis Putz, C.S.C., 1976; Mr. and Mrs. Arthur Quigley, 1977; Thomas P. Broden, 1978; Rev. William Toohey, C.S.C., 1979; Rev. Don McNeill, C.S.C., 1980; Charles K. Wilber, 1981. The selection committee includes representatives from the Colleges and Law School, Campus Ministry, Rectors, Ladies of Notre Dame and the Student Body. All members of the Notre Dame community are invited to submit recommendations for this award.

Grenville Clark Award

On Oct. 20, 1978, Father Hesburgh was one of three recipients of the Grenville Clark Prize, an award given every three years by the Grenville Clark Fund at Dartmouth College. Following the procedure established when he won the Reinhold Niebuhr award in 1972, Father Hesburgh donated the \$5,000 Clark stipend to the Notre Dame endowment to underwrite a cash prize of \$250 to be awarded each year. This award is made to a faculty member, administrator or student whose voluntary activities serve to advance the causes of peace and human rights to which Grenville Clark devoted his extraordinary life of public service. The 1979 first winner of this award was Peter Walshe; the 1980 co-winners were Mary Ann Roemer and James Roemer; the 1981 winner was Sr. Judith Ann Beattie, C.S.C. The selection committee includes representatives from the Colleges and Law School, Campus Ministry, Rectors, Ladies of Notre Dame and the Student Body. All members of the Notre Dame community are invited to submit recommendations for this award.

minutes of the 201st graduate council meeting january 27, 1982

Room 121, Hayes-Healy Center

Approved at the 202nd Graduate Council Meeting held on March 3, 1982.

The meeting was called to order at 3:30 p.m. in the Hayes-Healy Center Board Room. Absent were Mr. Robert C. Miller, represented by Dr. George E. Sereiko, Dean Frank K. Reilly, Dr. Fred Dallmayr and Dr. Thomas J. Mueller, all excused.

I. MINUTES OF THE 200th MEETING

Concerning the motion requiring foreign graduate students with teaching assignments to pass a competency test in spoken English (cf. Section IV of the last meeting's minutes), the chairman stated that the testing procedures would be worked out later.

The Council wished to confirm that the text of the resolution honoring Father Austgen (cf. Section VII of the last meeting's minutes) be made a part of the official minutes and published as an attachment in the Notre Dame Report.

The Minutes of the previous meeting were then unanimously approved.

II. ADMISSION OF NEW GRADUATE FACULTY

The Council Chairman introduced the case of Dr. Kenneth R. Olson, adjunct assistant professor in the Department of Biology and a nominee for the graduate faculty. Dr. Gordon noted that Dr. Olson has a distinguished record in teaching and research. Dr. Karamjit Rai, a member of the Biology department, confirmed that Dr. Olson participates fully in all activities of this department. Dean Francis Castellino informed the Council that the

department had carefully considered this case before making its recommendation to him and that he endorsed this recommendation. He looked on this nomination of an adjunct faculty member to the graduate faculty as an exceptional case. Dr. Gordon cited an earlier decision of the Council regarding the eligibility of adjunct faculty: "It was reiterated that only members of the regular faculty would be eligible and that, in accordance with the Faculty Handbook, adjunct faculty are considered nonregular faculty, and therefore ineligible for appointment. Exceptions may be made for distinguished individuals in this category only at the special request of the department chairman, and the approval of the college dean and the vice president for advanced studies" (Minutes of the 191st Graduate Council Meeting on Oct. 24, 1979, published in Notre Dame Report, Feb. 15, 1980). Following the discussion, the motion to admit Dr. Olson as an adjunct member of the graduate faculty was passed unanimously.

III. GRADUATE STUDENT RECRUITMENT

The chairman introduced Dr. Donald F. Castro to the Council. Dr. Castro reported on the recruiting activities of the Graduate Admissions Office since June 1981. He informed the Council that a more intensified initial mailing of the Graduate School Bulletins had been accomplished (over 3,000 Bulletins had been sent to college libraries, placement directors, deans of graduate schools and directors of ethnic minority programs). Two rosters of potential minority applicants (October and December), provided by the Minority Locator Service, had been distributed to departments to assist them in their minority recruitment efforts. In addition, Dr. Castro had participated in Career Council Forums in Boston, New York and Philadelphia, and visited the main offices of the Institute of International Education (IIE) in New York and the Latin American Scholarship Program of American Universities (LASPAU) in Boston. Recruiting trips had brought him to fifteen colleges and universities in the Great Lakes Region, and in California, Arizona, Texas and Rhode Island. Many of these fifteen institutions had been selected from the list of the top 36 schools which have supplied us with the most applicants in recent years. Preparation for these recruiting trips had included letters to our alumni now teaching at these places and contacts established through the Chicano Stanford List and through the administrators of Black Studies programs and Newman Centers. Dr. Castro acknowledged the assistance he had received from several departments in preparing for the trips, in particular thanking those who had provided him with faculty contacts at various institutions.

Dr. Castro reported an increase in applications over last year (+18%). He stressed the importance of prompt decisions on applications, recommending that we should begin thinking of "rolling admissions" vs. "batch processing" (i.e., making decisions on individual applications as they are completed vs. holding applications until a sufficient number are completed before decisions are made). He also urged departments to keep in touch with confirmed applicants through periodic telephone calls and correspondence, in the hope to reduce the number of reneging cases. He further suggested that departments set a time limit to offers to allow us to go to the second round of applicants, in case anyone in the first round declines. Dean Roger Schmitz observed that the CGS resolution sets the deadline for firm commitment as late as April 15. Dean Castellino warned that some applicants may prefer to decline our offers if forced to an early commitment. He added that recent increases in the value of the stipend may have been a factor in recruitment. He mentioned the recent success in recruitment of the Physics and Chemistry departments through bringing potential applicants to the campus. Dr. Gordon said that the stipend had been raised in excess of 10 percent for three continuous years. He provided the following comparison in stipend between Notre Dame and other graduate institutions in the U.S. (data provided by the CGS Survey):

Percent Change of T.A. Stipends in Fall 1981 Over the Previous Year

		<u>U.S.</u>			<u>UND</u>
		<u>All Inst.</u>	<u>Ph.D. Public</u>	<u>Ph.D. Private</u>	
English Departments	(Fall 1981)	+10.4	+8.2	+22.4	+10.5
Chemistry Departments	(Fall 1981)	+ 8.6	+9.4	+ 9.5	+10.2

This concluded the discussion of Item III in the agenda.

IV. DEPARTMENT PROGRAM REQUIREMENT BROCHURES FOR INCOMING STUDENTS AND GRADUATE STUDENT ADVISORY SYSTEMS IN DEPARTMENTS

The chairman called on Mrs. Catherine Tkacz to introduce the topic. Mrs. Tkacz referred the Council to her background paper, the purpose of which was to propose that the Graduate School require departments to formulate their graduate programs fully in writing and to pro-

vide that information to incoming graduate students no later than during the first week of their first semester at Notre Dame. She said that such information would be an aid to advisors, and would facilitate recruitment. It would avoid unnecessary delays for students in completing their programs and therefore help the University in future evaluations of graduate programs as the time-to-degree at Notre Dame would be reduced.

A number of comments were made with regard to this proposal: the real problem is not lack of information on programs but rather departures from them and to require departments to provide information would not solve the problem; the proposal is too specific; section 5B of the proposal regarding the content of the examinations is unadvisable; to require departments to provide full information in writing to incoming students "no later than during the first week of (their) first semester at Notre Dame" is too strict; in mathematics, there is no problem in specifying requirements and, in fact, such information is sent to all applicants; it is right to spell out the time normally taken to meet certain degree requirements. One member moved "that the Graduate School invite each department to formulate its own graduate program(s) fully in writing and to provide that information to each incoming graduate student." This member also proposed that the specifics listed in Mrs. Tkacz's background paper (but without the cases) be included in a document to be sent to departments, and that GSU in its letters of welcome to incoming graduate students communicate the necessary information on program requirements. Another member proposed that the Graduate School send Mrs. Tkacz's paper to the departments for comment. A third member doubted the usefulness of conveying this kind of information through the GSU letter. He said it would be wrong to make incoming graduate students think that a graduate program is no more than a set of requirements to be fulfilled.

Finally, a member moved that the proposal be tabled for the present and that discussion of the proposal be resumed at a later date when additional information on the problem can be gathered. The motion was seconded and carried.

V. CHAIRMAN'S REMARKS

Dr. Gordon mentioned the forthcoming review of the Vice President for Advanced Studies and said that he would meet with the review committee early in February. Membership of the committee includes Dr. Francis Castellino, Dr. Frederick Crosson, Rev. Ernan McMullin, Dr. James Melsa, Mrs. Catherine Tkacz and Dr. Robert Williamson.

He announced that a nominating committee had been constituted (Emerson Funk, Andrew Weigert and Nathan Hatch, chairman) to seek nominations for the coming Graduate Council election in March to replace three outgoing elected members (Michael Crowe, John Derwent and Andrew Weigert). The nominating committee will present their report at the next meeting on March 3.

The graduate stipend, Dr. Gordon informed the Council, would increase 11.9 percent to \$4700 next year. Besides this increase in value, the number of GA slots would also increase by 20. In keeping with the GA stipend increase, the value of fellowships administered by the Office of Advanced Studies would also be ameliorated.

The Council learned that the proposed graduate program in architecture that the Council had approved in substance is now held "in cold storage" for lack of new resources and that the search for new funds is on.

Dr. Gordon provided the following comparison between graduate enrollments and degree productions in the U.S. and at Notre Dame.

Percent Change Over the Previous Year

	<u>U.S.</u>			<u>UND</u>
	<u>All Inst.</u>	<u>Ph.D. Public</u>	<u>Ph.D. Private</u>	
Total Enrollment (Fall 1981)	-1.1	-0.9	+1.6	+ 2.7
First-year Enrollment (Fall 1981)	-2.0	-1.3	-1.6	+ 1.5
Ph.D.s Awarded (80-81)	+2.6	+3.4	+1.0	+22.7
Masters Awarded (80-81)	-1.0	-2.0	+2.2	- 3.5

He highlighted some points in the progress report on the Assessment of Research-Doctorate Programs. Survey forms were sent last spring to over 8,000 faculty evaluators to assess a

total of 2,700 graduate programs in the U.S. To date, 61 percent of the evaluators had completed and returned their evaluation forms. In addition to ratings by faculty evaluators, other measures have been compiled for evaluating purposes, including the numbers of faculty, the numbers of doctorates awarded in the last five years, full-time and part-time enrollment data, graduate study support, faculty research support (total amount of federal support and numbers of faculty members with support), average length of doctoral training, employment plans of recent graduates, publications, library size. The Assessment Study Committee is now examining the survey results and discussing the presentation of the collected data.

VI. OTHER BUSINESS

None.

The meeting was adjourned at 5:15 p.m.

Chau T.M. Le
Secretary

faculty senate journal

december 10, 1981

At 7:30 p.m. the meeting was called to order by the chairman, Prof. Robert Vacca, who led the Faculty Senate in a prayer. The Journals for Oct. 12 and Nov. 9, 1981 were approved.

In the chairman's report Vacca reported sending a letter to the provost, as voted on Nov. 9, requesting that the provost consult with the senate prior to implementation of the revised Teacher Course Evaluation (TCE). Provost Tim O'Meara will meet with the senate on Jan. 20 and can discuss the TCE at that time.

Vacca noted that the third Faculty Forum had been held on Friday, Dec. 4 on the topic of the TCE and asked Prof. Donald Barrett to comment on the meeting. Barrett drew two main points from the discussions. First, there was general uncertainty as to who will use the results of TCE, how they will be used, and what criteria will be applied by the departments in their interpretation. Second, almost all present felt some dissatisfaction with the present TCE. It was noted that the attendance was down to about 50, perhaps due to the date being late in the semester or being Friday. The discussion was very spirited and allowed many to air their feelings in a positive way.

Vacca further reported that the Academic Council had met on Dec. 2. Most of the meeting was spent discussing topics that will be covered in the provost's PACE report. Among the topics were Catholic character as a mission of the University, student life reforms, the curriculum, the role of institutes and centers vis-a-vis the academic departments, classroom space, internal faculty development and equity in salary between colleges. All of this will be on the provost's mind in January when he meets with the senate and may be discussed at that time.

Vacca also reported that he had passed along a suggestion that the endowed chairs program at Notre Dame receive publicity in the football and basketball programs. This resulted in five profiles of present chairholders. Vacca expressed thanks to Richard Conklin, Director of Information Services for these profiles and previous publicity for the faculty.

Lt. Col. Robert Webster commented that at the Academic Council meeting there was extensive discussion of admission policies, with Fr. Hesburgh and others expressing concerns similar to those which had been expressed in the senate.

Prof. Robert Wegs reported for the Committee on Faculty Affairs. Questionnaires on endowed chairs have been distributed, but only about half have been returned. The committee has also been gathering statistics on faculty compensation at Notre Dame and its peer universities. Prof. Thomas Theis gave a preliminary report on those figures, which do not include the current academic year. Again the consumer price index increased more than salaries or total compensation at Notre Dame and at the peer schools. Once again Notre Dame's figures are the least in all categories tabulated, including average salary for Associate Professors

which had not been the smallest the previous year (1979-80). These figures will be updated prior to the final report.

There was no report for the Committee on Administration.

Prof. Alexander Hahn reported for the Committee on Student Affairs. The committee has met with John Goldrick, the Director of Admissions, and discussed the admissions process. The committee may also work with the admissions office in their preparation of a faculty survey as to what qualities we now have and should aim for in the student body.

The committee has also discussed negative influences of dorm life on classroom activities with Prof. Walter Nicgorski of the Faculty Affairs Committee of the Board of Trustees. Hahn has attended several meetings of the Campus Life Council at which the problems of alcohol on campus were discussed. Several positive steps have been taken on the alcohol problem. The committee has also been active in the discussions of the TCE with Assistant Provost Katherine Tillman and Prof. George Howard of the Psychology Department. These discussions suggest that some "fine tuning" of the TCE wording is possible, that some suggestions for the use of the results may be useful, and that there should be guidelines on how the data may be used. The computer-readable forms will have some space to allow individual professors or departments to add appropriate questions. The senate has an opportunity to contribute to a constructive TCE in any of these areas. The greatest opportunity lies in the use of the results as an aid to better teaching.

Barrett pointed out that making the results useful will require much analysis. This becomes a problem of manpower, computer facilities, time and funding that neither Howard nor the senate can provide, that requires support from the administration.

Prof. Michael Francis asked for a summary of the major problems in admissions. Hahn mentioned two as being particularly difficult to deal with. Notre Dame's image is a major selector of who applies, and this is an unfavorable factor in the case of many bright students that we would also like to attract. A similar situation exists with the location, in the Midwest and not in a "cultural center." Hahn expressed the feeling that the office was not resigned to these and other problems but was trying to do a very good job. Additional discussion centered on the particular problems of attracting students from New England and well-known prep schools and students drawn from other special pools. The recruitment efforts were compared to those of the Ivy League schools.

Prof. William Eagan asked if the attitude on kegs had changed. Hahn said that he felt that it had, not to an open keg policy, but to one of controlled availability.

The senate recessed at 8:37 p.m. and resumed at 8:45 p.m.

Under old business Prof. Vincent DeSantis withdrew his motion on the TCE, preferring to await the results of the senate's continuing efforts in this matter. (The motion was made at the November meeting and discussion suspended as time ran out at the end of the meeting.)

Discussion of finetuning the TCE was taken up as new business. As a focal point for the discussion seven specific suggestions were presented (see appendix). Vacca noted that suggestions 4-7 had been suggested to Tillman by others, and were examples of possible finetuning. Such changes were still possible in the wording of the TCE if suggested immediately to the provost's office. Extensive changes probably would not be accepted.

Prof. Vaughn McKim commented that the wording did not bother most faculty as much as the use or misuse of the results which could take place. There should be a formalized guide as to what data should be gathered on teacher performance and its use. Also it would be well to discuss such ideas as attempting to influence (manipulate) TCE ratings at the expense of effective teaching techniques. This would do much to dispel erroneous impressions and clear the air at discussions such as the recent Faculty Forum.

Hahn commented that the rationale for the first suggestion was to avoid a "halo" effect in which answers to specific questions tended to justify previous general conclusions rather than independently answer the stated question. Prof. David Dodge pointed out that that argument might be reversed to suggest that the specific questions might bias the answers to subsequent general questions.

Hahn also commented that comparative studies indicate that the exact wording of the label, e.g. terrible versus very poor, has surprisingly little effect on which answer is chosen. Prof. Richard Lamanna suggested that a simple scale of 1 to 5 be used. It is widely felt that some adjectives are not well chosen and that the results will be interpreted by many as if they were a numerical scale.

Prof. Carson Daly suggested that the response "No improvement is needed" should be changed to "Very little improvement is needed." The former is not acceptable if taken literally.

Prof. Stephen Batill said that while some professors do not use the TCE at all, many others, especially junior faculty, must, and the senate therefore should take the entire matter seriously.

Eagan commented that we are being asked to give some respectability to a very questionable document that is to be used for a very dubious objective.

Dodge asked if the purpose was for teachers to evaluate their courses or for administrators to make promotion decisions. Vacca replied that it would be used both ways. It would not be desirable to evaluate promotions solely on publications nor to rely on purely subjective evaluation of teaching. The use of TCE as a diagnostic tool for the teacher, however, is much more open to senate suggestion. Dodge said that he favored a TCE that would tell a professor what improvements were needed. Batill said that had been the hope, but the committee that drafted the new TCE could not find a vehicle that would apply to every kind of course. The first three questions are an administrative tool, the rest try to be a diagnostic tool for the teacher, but their validity needs to be developed and established over time.

Prof. Julian Pleasants referred to the new TCE form as a caricature of the senate's request to get away from the previous rating system. Lamanna reiterated the feeling that the new vehicle would be used as a rating system, not a deep evaluation. In any case, the responses should better match the type of question/statement and the TCE should be completed by all students not just those present on a selected date.

Prof. Peri Arnold expressed concern about the validity of TCE results and the context in which effects could be measured. Vacca commented that the provost's office agrees that this is important and is willing to work with all parties to ensure that the TCE works. Prof. Abraham Goetz asked if, at the end of the experiment, there would be evidence that the TCE was in fact more reliable than no instrument at all.

Prof. John Yoder suggested that the senate form a standing committee to monitor the TCE. McKim stated that the need was not for a watchdog committee, but rather for directions on how to set up the analysis, find resources, etc.

McKim moved that "The Faculty Senate accepts items 1-7 as recommendations to be forwarded to the provost's office for modification of the TCE proposal." Batill seconded the motion.

DeSantis moved to amend the motion to read: "The Faculty Senate accepts items 1-7 as recommendations to be forwarded to the provost's office, as a preliminary step for the modification of the TCE proposal." The motion was seconded by Prof. Niels Rasmussen. The implication was that further suggestions on matters more substantive than minor changes in wording could be made later. Both the amendment and the amended motion passed overwhelmingly.

Yoder moved that Daly's suggestion of changing "no improvement" to "very little improvement" also be recommended to the provost's office. The motion was seconded by Phil Helman and quickly passed.

The meeting adjourned at 9:55 p.m.

Those absent but not excused: Paul F. Conway, finance and business economics; Sandra Harmatiuk, freshman year of studies; James E. Houghton, aerospace and mechanical engineering; Steven W. Hurtt, architecture; Robert J. Lordi, English; Eugene R. Marshalek, physics; William E. Slowey, accountancy; J. Eric Smithburn, law; C. William Tageson, psychology; Joseph A. Tihen, biology; Anthony M. Trozzolo, chemistry; Stephen T. Worland, economics.

Respectfully submitted,

W. Phillip Helman
Mario Borelli

Appendix

Subject: Finetuning the new Teacher Course Evaluation

The following suggestions have been made:

- 1) Place questions (1) - (3) at the end of the form.
- 2) Replace "terrible" by e.g. "very poor" in questions (1) and (2).
- 3) In questions (4) - (14) differentiate better between "a little" and a "fair amount."
- 4) In question (7) replace "assignments" by "requirements."
- 5) In question (8) replace "knowledge" by "mastery."
- 6) Reword question (11) to read "help is available to students outside the classroom."
- 7) In question (12) replace "criticism" with "evaluation."

advanced studies

information circulars

Additional information on all circulars listed may be obtained by calling Extension 7432.

National Catholic Educational Association The Father Michael J. McGivney Memorial Fund New Initiatives in Catholic Education

No. FY82-400

Program:

In memory of Father Michael J. McGivney, the Knights of Columbus have established a Fund of approximately one million dollars for New Initiatives in Catholic Education. Proceeds will be used by the National Catholic Educational Association for research, projects, and development programs furthering the total mission of Catholic education. Possible areas of study include not only Catholic elementary and secondary schools, but also Confraternity of Christian Doctrine programs, seminaries and novitiates, as well as Catholic colleges and universities.

Purpose:

Purpose is three-fold: 1. The specific needs or concerns of Catholic education; 2. New initiatives in Catholic education; and 3. National impact.

Deadline:

None given.

For More Information Contact:

Mr. Bruno V. Manno
Director
Research and In-Service Programs
National Catholic Educational Association
Suite 350
One Dupont Circle
Washington, DC 20036
(202) 293-5954

**Department of Justice
Crime Control Theory: Research on Effects of
Criminal Sanctions**

No. FY82-401

Program:

The purpose of this program is to support studies leading to a better understanding of how, and how well, the mechanisms of general deterrence, incapacitation, specific deterrence and rehabilitation work as social forces acting to control the incidence of crime. Between \$500,000 and \$1,000,000 has been set aside for this program in FY 82.

Deadline:

Second Cycle: April 17, 1982

For Further Information Contact:

Department of Justice
National Institute of Justice
Office of Research and Evaluation
Methods
Crime Control Theory Program
Joel H. Garner
633 Indiana Avenue NW
Washington, DC 20531
(202) 724-8265

(From 1982 ARIS)

**Department of Justice
Classification, Prediction, Methodology
Development**

No. FY82-402

Program:

The purpose of this program is to support studies on: 1) the objective and unambiguous classification of offenders and offense behavior patterns; 2) the interpretation of the theoretical and operational significance of classification results; and 3) the understanding of the statistical properties inherent in classification-based attempts at prediction of future behaviors. In addition, support will be provided for research aimed at improving the precision and accuracy of measures in crime and criminal justice studies, promoting economy and efficiency in study designs, and enhancing the significance and cogency of study conclusions. Between \$500,000 and \$1,000,000 has been tentatively set aside for this program in FY 82.

Deadline:

Second Cycle: April 30, 1982

For Further Information Contact:

Department of Justice

National Institute of Justice
Office of Research and Evaluation
Methods
Classification, Prediction,
Methodology Program
Richard Laymon
633 Indiana Avenue NW
Washington, DC 20531
(202) 724-8265

(From 1982 ARIS)

**National Research Council
NRC-NASA Associateship Program**

No. FY82-403

Program:

NRC offers awards for basic and applied research, free from administrative duties, 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 \$22,400 a year for recent doctoral graduates, with higher stipends for seniors having at least five years of post-doctoral experience. For detailed information on the available programs, contact NRC.

Deadline:

April 15, 1982

For Further Information Contact:

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

(From 1982 ARIS)

**National Science Foundation
Unsolicited Research Proposals**

No. FY82-404

Program:

Grants to colleges and universities; non-profit, nonacademic research organizations; and private profit firms for research to advance man's understanding of behavior and nervous systems in their simplest and most complex manifestations and to comprehend better the biological, psychological, and cultural mechanisms underlying behavior by supporting fundamental research on nervous systems and human and animal behavior.

Programs are offered in the following areas:

-Anthropology Program
John Yellen
Program Director
(202) 357-7804

-Linguistics Program
Paul Chapin
Program Director
(202) 357-7696

-Neurobiology Program
Steven Kornguth
Program Director
(202) 357-7471

-Sensory Physiology and Perception Program
Terrence Dolan
Program Director
(202) 357-7428

-Memory and Cognitive Processes Development
Joseph Young
Program Director
(202) 357-9898

-Social and Developmental Psychology Program
Richard Louttit
Acting Program Director
(202) 357-7564

-Psychobiology Program
Fred Stollnitz
Program Director
(202) 357-7949

Deadline:
April*

For Further Information Contact:

National Science Foundation
Directorate for Biological Behavioral and
Social Sciences
Division of Behavioral and Neural
Sciences
1800 G Street NW
Washington, DC 20550

(From 1982 ARIS)

*For projects to begin January through
April, 1983.

American Institute for Economic Research Summer Fellowship and Research Grants

No. FY82-405

Program:
Basic fellowships stipends of \$425 per month
with an additional stipend of \$75 per month

per dependent for those Fellows with family responsibilities, and research grants up to an additional \$425 per month for special projects conducted at the Institute to undergraduates majoring in finance or economics, with a grade average of B or better who will have completed their junior year, and graduate or post-graduate students of economics who have completed undergraduate work in preparation for advanced scientific work. The summer Fellow will ordinarily be in attendance at the Institute from mid-June through mid-August. During this period the Fellow will attend seminars on useful procedures of inquiry, business-cycle analysis, useful economics, and analysis of statistical indicators. In addition, the Fellow may conduct research under the direction of Institute staff members. With the permission of the Institute, this research may include that being done as a degree requirement.

Deadline:
March 31, 1982

For Further Information Contact:

American Institute of Economic Research
Great Barrington, MA 01230
(413) 528-1261

(From 1982 ARIS)

Corporation for Public Broadcasting Telecommunications and Higher Education

No. FY82-406

Program:
\$5,000,000 is available to fund the second cycle of this 15-year program whose purposes are to develop educational programming, study ways to use telecommunications in higher education, and support demonstrations on the use of communications systems to address "unique" problems in higher education. Funds may be used to produce college-level materials such as telecourses, radio and audio series, television series, print components and computer materials.

Deadline:
Second Cycle: April 5, 1982

For Further Information Contact:

Corporation for Public Broadcasting
CPS/ASC Project
Tom Otwell
1111 - 16th Street NW
Washington, DC 20036
(202) 293-6160

(From 1982 ARIS)

Council for European Studies Research Planning Group Awards

No. FY82-407

Program:

Awards of up to \$10,000 for international travel, communication, conferences and interim meetings of multinational groups of scholars. The purpose of these awards is to promote long-term collaborative research by West European and American scholars on policy problems of common concern; European participation is essential. Areas supported include problems related to inflation and unemployment, the provision of social services, crime, the environment, urban crisis, education, incomes policy, the instrumentalities of decision and the transformation of the state, science, technology, economic growth, monopoly regulation, etc. Since the awards are envisaged as small grants, it is expected that Research Planning Groups will seek more substantial funds from other agencies for conference and publication costs.

Deadline:

April 1, 1982

For Further Information Contact:

Council for European Studies
Columbia University
1403 International Affairs Building
New York, NY 10027
(212) 280-4172

(From 1982 ARIS)

The Hastings Center Student Intern Program

No. FY82-408

Program:

The Hastings Center is an independent, nonprofit research and educational organization established in 1969 to examine ethical problems of the biomedical, social and behavioral sciences, as well as issues of professional ethics. This program provides for a general internship at the Center of one to three months, either during the school year or in the summer to permit students to pursue independent study in their particular project, with direction and supervision by a staff member, as well as participate in ongoing activities at the Center. Applicants should be pursuing a degree, with preference given to students preparing for careers in law or medicine. The Center is occasionally able to offer some assistance for transportation, housing or expenses to outstanding applicants for the Intern Program. The

Center does not give any financial assistance to students entering college, already in college or going to graduate school.

Deadline:

April 15, 1982

For Further Information Contact:

The Hastings Center
Barbara Behar
360 Broadway
Hastings-on-Hudson, NY 10706
(914) 478-0500

(From 1982 ARIS)

Institute of European Studies Scholarships

No. FY82-409

Program:

Awards ranging from \$250 to \$1,500 for the full academic year, up to \$750 for a semester, to provide supplemental funds to enable U.S. undergraduates with demonstrated financial need to study at one of the Institute's programs abroad. Applicants must be working toward an academic degree, have the approval of their home college or university, and have demonstrable need. The Institute runs programs in Austria, France, Germany, Spain and the United Kingdom.

Deadline:

April 1, 1982

For Further Information Contact:

Institute of European Studies
700 North Rush Street
Chicago, IL 60611-2573
(312) 944-1750

(From 1982 ARIS)

National Endowment for the Arts Fellowship Program

No. FY82-410

Program:

Stipends of up to \$3,300 for 13 weeks, plus travel costs (round-trip coach air fare to Washington, DC) to participants. Generally participants have 2 to 3 years of professional work experience or an advanced degree. Each intern is assigned to one NEA Program Division or Office throughout the 13-week program. Interns spend approximately 2/3 time working as members of the professional staff to gain a functional view of NEA and to assist the program in daily operations.

Activities include work with grant applications, panel review sessions, and special projects involving policy and grant reviews. The remainder of the time involves "internship activities" including guest speaker seminars, field trips, panel meetings, and National Council on the Arts meetings.

Deadline:
April 16, 1982*

For Further Information Contact:

National Endowment for the Arts
Program Information Office
Fellowship Program
2401 E Street, NW
Washington, DC 20506
(202) 634-6380

*April 16 deadline is for the fall session.

(From 1982 ARIS)

**National Endowment for the Humanities
Elementary and Secondary Education**

No. FY82-411

Program:

General Projects Grants: Matching grants ranging from \$4,000 to \$500,000 for from one to three years to support demonstration projects which focus on the development of new or improved curriculum materials, or of experimental courses or programs designed to produce imaginative approaches to the teaching of the humanities at the elementary and secondary level.

Deadline:
April 1, 1982*

For Further Information Contact:

National Endowment for the Humanities
Division of Education
Geoffrey Marshall, Director
(202) 724-0351
Francis Roberts
(202) 724-0373
806 - 15th Street
Washington, DC 20506

*April 1 deadline is for projects beginning after October, 1982.

(From 1982 ARIS)

**National Endowment for the Humanities
Elementary and Secondary Education Extended
Teaching Institute Grants**

No. FY82-412

Program:

Grants to support the establishment of year-

long institutes in which school teachers and administrators join in collaborative efforts in curriculum design under the guidance of experts from schools and colleges.

Deadline:
April 1, 1982*

For Further Information Contact:

National Endowment for the Humanities
Division of Education
Geoffrey Marshall, Director
(202) 724-0351
Francis Roberts
(202) 724-0373
806 - 15th Street
Washington, DC 20506

*April 1 deadline is for projects beginning after October, 1982.

(From 1982 ARIS)

**National Endowment for the Humanities
Higher Education Grants/Individual
Institutions**

No. FY82-413

Program:

Pilot Grants: Grants to enable an institution to test a new set of humanities courses before making a substantial commitment to the program.

Deadline:
April 1, 1982*

For Further Information Contact:

National Endowment for the Humanities
Division of Education
Pilot Grants
James Jones
806 - 15th Street
Washington, DC 20506
(202) 724-0393

*April 1 deadline is for projects beginning after October, 1982.

(From 1982 ARIS)

**National Endowment for the Humanities
Summer Seminars for College Teachers**

No. FY82-414

Program:

Stipends of \$2,500 for teachers to work during the summer with distinguished scholars at institutions with libraries suitable for advanced studies.

Deadline:
April 1, 1982*

For Further Information Contact:

National Endowment for the Humanities
Division of Fellowships
Summer Seminars for College Teachers
Dorothy Wartenberg
806 - 15th Street
Washington, DC 20506
(202) 724-0376

*April 1 deadline is for individual applications for seminars to be held in summer, 1982.

(From 1982 ARIS)

**National Endowment for the Humanities
Basic Research**

No. FY82-415

Program:

Grants to support research in all fields of the humanities including archaeology. Funded projects tend to be long-term and collaborative. Suitable projects include research that meets a pressing scholarly need, explores the conceptual foundations and/or methodologies of the humanistic disciplines, and advances a fresh understanding of matters important to humanistic scholarship.

Deadline:

April 1, 1982

For Further Information Contact:

National Endowment for the Humanities
Division of Research
General Research Program
John Williams
806 - 15th Street
Washington, DC 20506
(202) 724-0276

(From 1982 ARIS)

**National Endowment for the Humanities
Publications Program**

No. FY82-416

Program:

This program awards grants to presses and publishing houses interested in publishing work which is the direct result of an NEH grant.

Deadline:

May 1, 1982

For Further Information Contact:

National Endowment for the Humanities
Division of Research
Publications Program
Richard Koffler

806 - 15th Street
Washington, DC 20506
(202) 724-1672

(From 1982 ARIS)

**National Endowment for the Humanities
Youth Projects: Planning and Pilot Grants**

No. FY82-417

Program:

This experimental program is designed to encourage organizations and institutions working with young people outside a formal educational setting by offering participatory programs in the humanities to various youth groups on a national, regional, state or local level. Innovative approaches are encouraged to reach youth audiences of all types.

Deadline:

Final Proposals: April 15, 1982

For Further Information Contact:

National Endowment for the Humanities
Division of Special Programs
Youth Programs
Marion C. Blakey
806 - 15th Street
Washington, DC 20506
(202) 724-0396

(From 1982 ARIS)

**National Endowment for the Humanities
Joint NEH-NSF Program**

No. FY82-418

Program:

This program supports projects which bring humanistic resources and perspectives to bear on issues of ethics and values in science and technology.

Deadline:

April 1, 1982

For Further Information Contact:

National Endowment for the Humanities
Division of Special Programs
Science, Technology, and Human Values
806 - 15th Street
Washington, DC 20506
(202) 724-0354

(From 1982 ARIS)

**National Science Foundation
Ethics and Values in Science and Technology**

No. FY82-419

Program:

Grants for projects which seek to explore,

analyze and help resolve the ethical and social issues connected with the conduct of science and technology are awarded in five categories: ethical issues in the education and professional conduct of scientists and engineers; issues of obligation and constraint associated with scientific and technological organizations and institutions; ethical and social issues associated with new developments in science and technology; effects of changing ethical and social values upon the conduct of science and technology; and ethical issues and value assumptions in the decision-making processes involving science and technology.

Deadline:

Final Proposals: April 1, 1982

For Further Information Contact:

National Science Foundation
Scientific, Technological and
International Affairs
Division of Intergovernmental and
Public Service Programs
Arthur L. Norberg, Program Manager
1800 G Street, NW, Room 1150
Washington, DC 20550
(202) 357-7552

(From 1982 ARIS)

National Science Foundation Unsolicited Research Proposals

No. FY82-420

Program:

Grants are made for research to advance man's understanding of behavior. Programs of potential interest to humanists are offered in the following areas:

- Anthropology Program: Grants in the areas of archaeology and cultural, social, and physical anthropology spanning all topics, geographic areas, and methodologies; systematic research collections; human origins; the interaction of population, culture, and the environment; and improved methods of radiocarbon and other techniques of dating and analysis. John Yellen, Program Director, Anthropology Program, (202) 357-7804.
- Linguistics Program: Grants in the areas of syntactic, semantic, phonological, and phonetic properties of individual languages and of language in general; acquisition of language by children; psychological processes in the production and perception of speech; biological foundations of language; the social influences on and effects of language and dialect variation; and formal and mathematical properties of language models. Paul Chapin, Program Director, Linguistics Program, (202) 357-7696.

Deadline:

April*

For Further Information Contact:

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

*There is no specific deadline date for application for these grants. The NSF suggests that proposals be submitted prior to May 1, 1982, in order for each division to prepare for panel meetings.

(From 1982 ARIS)

The Academy of American Poets The Lamont Poetry Selection

No. FY82-421

Program:

Publishers are invited to submit manuscripts by American poets who have already published one book of poetry of more than 40 pages in an edition of over 500 copies. The Academy will guarantee publication of the winning manuscript as the "Lamont Poetry Selection" by contracting to purchase 1000 copies of the book for distribution to members and friends. The winning poet will receive royalties.

Deadline:

May 15, 1982

For Further Information Contact:

The Academy of American Poets
1078 Madison Avenue
New York, New York 10028
(212) 988-6783

(From 1982 ARIS)

Academia Musicale Napoletana Casella International Competition

No. FY82-422

Program:

Monetary prizes, engagements, and concerts will be awarded to the winner of the A. Casella piano competition, and a monetary prize to the winner of the composition competition. To enter, pianists must be no more than 32 years of age. There is no age limit for composers. The next Casella competition will be held in 1985.

Deadline:

April 15, 1982*

For Further Information Contact:

Accademia Musicale Napoletana
Secretariat "Concours Casella"
c/o Circolo della Stampa
Villa Comunale
I-80121 Naples
Italy
Tel: 081-425708 or 081-654311

*April 15 is the deadline for submission of entries. The competition will take place from July 16-22, 1982.

(From 1982 ARIS)

**Actors Theatre of Louisville
Great American Play Contest—Festival
of New American Plays**

No. FY82-423

Program:

The theatre each year selects a few plays to receive, in the case of the play contest, a cash award plus royalties from production and, in the case of the festival, payment to be negotiated but including royalties.

Deadline:

April 15, 1982

For Further Information Contact:

Actors Theatre of Louisville
Julie Crutcher, Literary Manager
316 West Main Street
Louisville, KY 40202
(502) 584-1265

(From 1982 ARIS)

**American Jewish Archives
Rabbi Harvey B. Franklin Memorial Award
in American Jewish History**

No. FY82-424

Program:

Awards of \$1,000 for two months of active research or writing at the American Jewish Archives during the academic year (December to June) are available to dissertation-stage doctoral candidates.

Deadline:

April 1, 1982

For Further Information Contact:

American Jewish Archives
Abraham J. Peck, Director
3101 Clifton Avenue
Cincinnati, OH 45220
(513) 221-1875

(From 1982 ARIS)

**American Jewish Archives
The Loewenstein-Weiner Summer Fellowship
Awards in American Jewish History**

No. FY82-425

Program:

Awards of \$500 for dissertation-stage doctoral candidates and \$1,000 for postdoctoral candidates for one month of summer research or writing at the American Jewish Archives.

Deadline:

April 1, 1982

For Further Information Contact:

American Jewish Archives
Abraham J. Peck, Director
3101 Clifton Avenue
Cincinnati, OH 45220
(513) 221-1875

(From 1982 ARIS)

**American Jewish Archives
Marguerite R. Jacobs Memorial Postdoctoral
Award in American Jewish History**

No. FY82-426

Program:

One award of \$2,000 for two months of active research or writing at the American Jewish Archives between the months of June and August is available to postdoctoral candidates.

Deadline:

April 1, 1982

For Further Information Contact:

American Jewish Archives
Abraham J. Peck, Director
3101 Clifton Avenue
Cincinnati, OH 45220
(513) 221-1875

(From 1982 ARIS)

**American Jewish Archives
Bernard and Audre Rapoport Fellowship**

No. FY82-427

Program:

One award of \$3,000 to enable postdoctoral candidates to do research or writing October to June.

Deadline:

April 1, 1982

For Further Information Contact:

American Jewish Archives
Abraham J. Peck, Director
3101 Clifton Avenue

Cincinnati, OH 45220
(513) 221-1875

(From 1982 ARIS)

**American Jewish Archives
Research Grants in American Jewish History**

No. FY82-428

Program:

Grants of \$1,000 to cover two months of research in residence at the American Jewish Archives. Research must be in the field of American Jewish history and must be intended for publication in the form of a monograph, article, or doctoral dissertation.

Deadline:

April 15, 1982

For Further Information Contact:

American Jewish Archives
Abraham J. Peck, Director
3101 Clifton Avenue
Cincinnati, OH 45220
(513) 221-1875

(From 1982 ARIS)

**American Philosophical Society
Postdoctoral Research Grants and
Grants-in-Aid**

No. FY82-429

Program:

Grants averaging \$1,000 for basic research in all fields of knowledge to persons holding the doctorate or having equivalent scientific or scholarly experience.

Deadline:

April 1, 1982

For Further Information Contact:

American Philosophical Society
Whitfield J. Bell, Jr.
Executive Officer
104 South 5th Street
Philadelphia, PA 19106
(215) 627-0706

(From 1982 ARIS)

**The Brooklyn Museum Art School
Max Beckmann Memorial Scholarships**

No. FY82-430

Program:

Grants covering full tuition and registration fees (but not living costs or fees for materials) for one year's graduate-level work in painting, drawing, or sculpture at the Art School.

Deadline:

April 30, 1982

For Further Information Contact:

The Brooklyn Museum Art School
Marjorie Stephens, Registrar
188 Eastern Parkway
Brooklyn, NY 11238
(212) 638-4486

(From 1982 ARIS)

**The Brooklyn Museum Art School
Robert Smithson Memorial Scholarships**

No. FY82-431

Program:

Fellowships covering tuition and registration for graduate level work in sculpture. Emphasis is on developing the student's own concepts.

Deadline:

April 30, 1982

For Further Information Contact:

The Brooklyn Museum Art School
Marjorie Stephens, Registrar
188 Eastern Parkway
Brooklyn, NY 11238
(212) 638-4486

(From 1982 ARIS)

**Corporation for Public Broadcasting
Telecommunications and Higher Education**

No. FY82-432

Program:

\$5,000,000 is available to fund the second cycle of this fifteen-year program whose purposes are to develop educational programming, study ways to use telecommunications in higher education, and support demonstrations of the use of communication systems to address "unique" problems in higher education. Funds may be used to produce college-level materials such as telecourses, radio and audio series, television series, print components, and computer materials.

Deadline:

Second Cycle: April 5, 1982

For Further Information Contact:

Corporation for Public Broadcasting
CPS/ASC Project
Tom Otwell
1111 - 16th Street, NW
Washington, DC 20036
(202) 293-6160

(From 1982 ARIS)

Council for International Exchange of Scholars Postdoctoral Fellowships for Research in Spain

No. FY82-433

Program:

Twelve research grants consisting of a monthly maintenance allowance ranging from \$1,200 to \$1,800 and economy air fare for the grantee are available for research in Spain during the academic year 1982-83 in the following areas: Anthropology, Arts, Communications, Economics, Education, Humanities, Law, Political Science, Psychology, and the Social Sciences. Eligible applicants must be U.S. citizens, must possess the Ph.D. or equivalent, and must have competence in oral and written Spanish.

Deadline:

April 15, 1982

For Further Information Contact:

Council for International Exchange of
Scholars
11 Dupont Circle, NW
Washington, DC 20036
(202) 833-4967

(From 1982 ARIS)

Dublin University Scholarships

No. FY82-434

Program:

Awards of up to 95 pounds for the study of Irish life and culture at the two-week summer school of Trinity College. Applicants may be students or teachers, ages 18 to 30, of any nationality.

Deadline:

May 1, 1982

For Further Information Contact:

Dublin University
International Summer School
No. 40, Trinity College
Dublin 2
Ireland

(From 1982 ARIS)

History of Science Society Pfizer Award

No. FY82-435

Program:

\$1,000 prize for the best book or article in the field of the history of science written by an American or Canadian scholar in the

preceding year. The Award Committee favors works by younger scholars, but overall quality is the decisive criterion.

Deadline:

May 1, 1982

For Further Information Contact:

History of Science Society
Professor Sally G. Kohlstedt,
Secretary, Department of History
Syracuse University
Syracuse, NY 13210
(315) 423-2210

(From 1982 ARIS)

Institute of European Studies Scholarships

No. FY82-436

Program:

Awards ranging from \$250 to \$1,300 for the full academic year, up to \$600 for a semester, to provide supplemental funds to enable U.S. undergraduates with demonstrated financial need to study at one of the Institute's programs abroad. Applicants must be working toward an academic degree, have the approval of their home college or university, and have demonstrable need. The Institute runs programs in Austria, France, Germany, Spain and the United Kingdom.

Deadline:

April 1, 1982*

For Further Information Contact:

Institute of European Studies
700 North Rush Street
Chicago, IL 60611
(312) 944-1750

*April 1 deadline is for applications for the summer.

(From 1982 ARIS)

London School of Economics Eileen Power Studentship

No. FY82-437

Program:

One studentship of 1,000 pounds will be given for research in social and economic history at the London School. The studentship is tenable for one year.

Deadline:

May 1, 1982

For Further Information Contact:

London School of Economics
Houghton Street, Aldwych

London WC2A 2AE
England

(From 1982 ARIS)

The MacDowell Colony, Inc. Residencies

No. FY82-438

Program:

Established writers, painters, sculptors, printmakers, photographers, filmmakers, composers, and younger artists of recognized ability are eligible for room, board, and studio space for 1 to 3 months, with a possible extension of up to 1 year (a first residency is generally limited to a maximum of 2 months) at the MacDowell Colony in Peterborough, NH. Fellows are asked to pay as much of the basic charge (\$10 per day) as they are able, but fees will be waived for those who cannot afford it. Each person accepted for admission to the Colony is asked to complete a form indicating how much he or she can contribute toward the cost of his/her residency.

Deadline:

April 15, 1982*

For Further Information Contact:

The MacDowell Colony, Inc.
The Admissions Committee
680 Park Avenue
New York, New York 10021
(212) 535-9690

*The April 15 deadline applies to residencies during September, October, and November, 1982.

(From 1982 ARIS)

New England Theatre Conference, Inc. John Gassner Memorial Playwriting Award

No. FY82-439

Program:

This competition is open to all playwrights in the U.S. for the best unpublished, unproduced one-act play with a playing time of no less than 20 minutes and no more than an hour. Awards will be given in the following amounts: First prize, \$200; Second prize, \$100. Plays may be submitted annually, and playwrights can win awards more than once.

Deadline:

April 15, 1982

For Further Information Contact:

New England Theatre Conference, Inc.
50 Exchange Street
Waltham, MA 02154
(617) 893-3120

The Paris Review The Bernard F. Connors Poetry Prize

(From 1982 ARIS)

No. FY82-440

Program:

One prize of \$1,000 on publication will be awarded for the best poem in English over three hundred lines.

Deadline:

April 1 - May 1, 1982*

For Further Information Contact:

The Paris Review
Editorial Office
541 East 72nd Street
New York, New York 10021
(212) 861-0016

*Manuscripts should be submitted between April 1 and May 1 with a stamped, self-addressed envelope.

(From 1982 ARIS)

The Paris Review The Aga Khan Prize for Fiction

No. FY82-441

Program:

One prize of \$500 for the best short story in English.

Deadline:

May 1 - June 1, 1982*

For Further Information Contact:

The Paris Review
Editorial Office
541 East 72nd Street
New York, New York 10021
(212) 861-0016

*Manuscripts should be submitted between May 1 and June 1 with a stamped, self-addressed envelope.

(From 1982 ARIS)

Radcliffe Research Support Program

No. FY82-442

Program:

Small grants ranging from \$100 to \$1,500 are available to support postdoctoral research on women at the Arthur and Elizabeth Schlesinger Library on the History of Women in America and the Henry A. Murray Research Center.

Support will cover such costs as travel to and lodging in Cambridge, xeroxing and micro-filming, and computer time. Applicants must have received the Ph.D. or its equivalent at least one year prior to the time of application and may not be receiving support from any other fellowship program at the time of their research at Radcliffe.

Deadline:
April 15, 1982*

For Further Information Contact:

Radcliffe Research Support Program
Henry A. Murray Research Center
Radcliffe College
10 Garden Street
Cambridge, MA 02138
(617) 495-8140

*April 15, 1982, is the last deadline for applications under this program.

(From 1982 ARIS)

**United Daughters of the Confederacy
Mrs. Simon Baruch University Award**

No. FY82-443

Program:

One award of \$2,000 to aid in defraying the costs of publication of an unpublished book or monograph in the field of Southern history relating to the period of the Confederacy or bearing upon the causes of the secession and Civil War. Individuals may apply for a period of up to fifteen years after their graduation with a higher degree from a college or university in the United States; current graduate students whose theses have been accepted by their institutions are also eligible to apply.

Deadline:
May 1, 1982

For Further Information Contact:

United Daughters of the Confederacy
328 North Boulevard
Richmond, VA 23220
(804) 355-1636

(From 1982 ARIS)

**University of Bristol
Postgraduate Scholarships**

No. FY82-444

Program:

Postgraduate scholarships for study toward the Ph.D. degree in one of the departments of the university are available to graduates with a good first degree in their field. Scholarships, which provide maintenance and

fees, are tenable for one year with possible extension for one or two more years.

Deadline:
May 1, 1982

For Further Information Contact:

University of Bristol
Senate House
Bristol BS8 1TH
England

(From 1982 ARIS)

**Fulbright Senior Scholars
1982-83 Program Update**

No. FY82-445

Program:

Applications are now being accepted for a limited number of lecturing and research awards for the 1982-83 academic year. Because of budget uncertainties, the Council for International Exchange of Scholars has been unable to accept new applications since October, 1981. Funding for many awards is now assured, and scholars are invited to write to CIES for application materials. The U.S. International Communication Agency funds and administers the Fulbright program.

Applications will be accepted until a position is filled. The number of awards in each field is as follows:

Bulgaria
American literature (1)

Hungary
Research in any field (2)

Korea
American literature/humanities (5)
Creative/performing arts (4)
Humanities research (1)
Natural sciences (4)
Social science research (1)

Liberia
Civil engineering (1)
Economics/business admin. (1)
Electrical engineering (1)
Literature/composition (1)
Mathematics (1)
Physics (1)

Malaysia
Development evaluation methods (1)
Islamic thought (1)

Nigeria
Any academic field, e.g. education/
humanities/social sciences/business/
biological and physical sciences (12)

Peoples Republic of China
Economics (1)
Political science (1)

Poland

American literature (2)
International bus/econ (1)
Linguistics (1)

Romania

American literature (1)

Syria

American literature (1)

Yugoslavia

American literature (1)
Library science (1)
Mathematics (1)
Philosophical linguistics (1)

Zimbabwe

Any academic field, e.g. economics/business/
education/agriculture/engineering (2)

Basic Eligibility Requirements:

U.S. citizenship at time of application.
For lecturing--college or university teaching
experience.
For research--Ph.D. or equivalent pro-
fessional standing.

**Office of Technological Assessment
Congressional Fellowship Program
1982-1983**

No. FY82-446

Program:

The Office of Technology Assessment (OTA) is seeking qualified candidates from academic, industrial, and governmental communities for its Congressional Fellowship Program for 1982-83. The program provides an opportunity for individuals who have demonstrated outstanding ability in management or research to gain a better understanding of science and technology issues facing Congress and the way in which Congress establishes national policy related to these issues. The program is designed to give Fellows a challenging work experience through participation in the research and analysis programs of OTA.

In this sixth year of the fellowship program, up to six Fellows will be selected. A fellowship period covers one year beginning in September of 1982, and requires residence in Metropolitan Washington, DC.

Eligibility:

The program is open to men and women of all disciplines of science and technology and related policy or research activities, including, but not limited to, physical and biological sciences, engineering, law, economics, environmental and social sciences, and public policy. The fellowships will emphasize interdisciplinary approaches to public policy concerns. Candidates must have completed research and training at the doc-

toral level, or have equivalent experience (as judged by the Selection Committee).

Applicants must have the ability to perform objective, comprehensive analyses; to work cooperatively with individuals of diverse backgrounds, experience, and training; and to present reports in clear, concise language.

Applicants will be considered on the basis of their records of achievement, their potential for contributing to OTA's congressional work, and their potential for professional growth.

Stipend:

Salaries will range from \$25,000 to \$37,000 per year, based on the Fellow's current salary and/or training and experience. In some instances a Fellow may accept a salary supplement from his or her parent institution. Such instances will be addressed on a case-by-case basis.

Applications:

Applicants for the fellowships are required to submit the following:

1. a detailed resume, including education, experience, area(s) of special interest, and published works;
2. three letters of reference from individuals who know the applicant well enough professionally to write about his or her capability and ability to work creatively as a member of an interdisciplinary research team (sent directly to the address below); and
3. a statement of approximately 1,000 words addressing the applicant's interest in the fellowship program and his or her career goals.

Send applications and letter of reference to:

Congressional Fellowships
Personnel Office
Office of Technology Assessment
Congress of the United States
Washington, DC 20510

Additional Information and Application Materials:
Contact the following:

Council for International Exchange of
Scholars
11 Dupont Circle
Washington, DC 20036

Address inquiries to a particular country.

Note:

New application deadlines are in effect for 1983-84 awards:
June 15, 1982 for American Republics,
Australia and New Zealand.
September 15, 1982 for Africa, Asia,
Europe and the Middle East.

Application Deadline:

Applications and letter of reference must be postmarked by April 12, 1982. Screening and recommendations will be made by a broadly composed committee appointed by the Director of OTA. Personal interviews will be arranged for a group of finalists before selections are made. Awards will be announced May 31, 1982.

current publications and other scholarly works

COLLEGE OF ARTS AND LETTERS

American Studies

Schlereth, Thomas S.

T.S. Schlereth. 1981. The history behind, within and outside history museum. Curator: A Quarterly Journal of the American Museum of Natural History 23(4): 255-274.

Economics

Bonello, Frank J.

F.J. Bonello and T.R. Swartz. 1982. Economics and Economists: The Basis for Controversy, Pages 1-17, in, Taking Sides: Clashing Views on Controversial Economic Issues. The Dushkin Publishing Group, Guilford, Connecticut.

F.J. Bonello and T.R. Swartz. 1982. Editors. Taking Sides: Clashing Views on Controversial Economic Issues. The Dushkin Publishing Group, Guilford, Connecticut. Pages 1-17.

McElroy, Jerome L.

J.L. McElroy. 1981. Economic factors and their significance. Pages 60-62 in, P.E. Leary, ed., Proceedings: Conference on Recent Developments in U.S. Offshore Areas Relations, College of the Virgin Islands, St. Thomas, U.S.V.I.

Swartz, Thomas R.

F.J. Bonello and T.R. Swartz. 1982. Economics and Economists: The Basis for Controversy, Pages 1-17, in, Taking Sides: Clashing Views on Controversial Economic Issues. The Dushkin Publishing Group, Guilford, Connecticut.

F.J. Bonello and T.R. Swartz. 1982. Editors. Taking Sides: Clashing Views on Controversial Economic Issues. The Dushkin Publishing Group, Guilford, Connecticut. Pages 1-17.

English

Daly, Carson

C. Daly. 1981. Review of K. Thorup's, Baby and F. du Plessix Gray's, World Without End. Chronicles of Culture 6(2):25-27.

History

Shaw, Yu-Ming

Y.M. Shaw. 1981. Co-editor. Contemporary Republic of China: The Taiwan experience, 1950-1980. Praeger Publishers, New York. 518 pp.

Modern and Classical Languages

Cervigni, Dino S.

D.S. Cervigni. Review of R. Kay's, Dante's Swift and Strong: Essays on Inferno XV. Lawrence: The Regents Press of Kansas, 1978. Forum Italicum Pages 85-87.

D.S. Cervigni. 1981. Time and space in the Vita nuova. L'ALIGHIERI 2:3-11.

Marullo, Thomas G.

T.G. Marullo. 1982. Demystifying the literary salon: Nekrasov's Sketches of Literary Life and How Great I Am! Russian Literature Triquarterly 17:161-182.

Program of Liberal Studies

Crowe, Michael J.

M.J. Crowe. 1982. Inflation and history: E.B. Frost's, Mars Telegram. Griffith Observer 46(3):15.

M.J. Crowe. 1982. Review of D. Goldsmith's, The Quest of Extraterrestrial Life; M.D. Papaginnis', Strategies for the Search for Life in the Universe; G. Feinberg and R. Shapiro's, Life Beyond Earth. Physics Today 35(1):71-73.

Sociology and Anthropology

Early, Evelyn A.

E.A. Early. 1981. Bahithat al-Badiya: Cairo Viewed from the Fayyum Oasis. Journal of Near Eastern Studies 40:4.

COLLEGE OF BUSINESS ADMINISTRATION

Accountancy

Cullather, James L.

J.L. Cullather. 1982. The prose of Abraham L. Briloff. Business Horizons 25(1):62-65.

Misiewicz, Kevin M.

K.M. Misiewicz. 1982. How to handle income averaging. Tax Ideas Pages 11,241-11,254.

Wittenbach, James L.

R.E. Pitts and J.L. Wittenbach. 1981. Tax credits as a means of influencing consumer behavior. Journal of Consumer Research 8:335-338.

Marketing Management

Cho, Byung T.

B.T. Cho. 1981. An analysis of nonstationary seasonal time series for adaptive forecasting. Proceedings of the Business and Economics Statistics Section of

American Statistical Association Pages 186-191.

Terpening, Willbann D.

W.D. Terpening, K.R. Thompson and F. Luthans. 1981. The effects of MBO on performance and satisfaction in a public sector organization. Journal of Management 7(1):53-68.

Thompson, Kenneth R.

W.D. Terpening, K.R. Thompson and F. Luthans. 1981. The effects of MBO on performance and satisfaction in a public sector organization. Journal of Management 7(1):53-68.

COLLEGE OF ENGINEERING

Aerospace and Mechanical Engineering

Huang, Nai-Chien

N.C. Huang. 1981. Mechanics of ice-lifting from a flat surface through penetration with a sharp blade. Journal of Applied Mechanics 48:936-942.

N.C. Huang and P.D. Pattillo. 1981.

Collapse of oil well casing. Journal of Pressure Vessel Technology 104:36-41.

P.D. Pattillo and N.C. Huang. 1982. The effect of axial load on casing collapse. Journal of Petroleum Technology 34:159-164.

Chemical Engineering

Strieder, William

F.G. Ho and W. Strieder. 1982. A mean free path kinetic theory of void diffusion in a porous medium with surface diffusion. II. Numerical evaluation of the effective diffusivity for arbitrary Knudsen number. Journal of Chemical Physics 76:673-677.

Civil Engineering

Razzaq, Zia

Z. Razzaq. 1981. Effect of end restraints on the stability of geometrically imperfect columns of parts of a plane frame. Proceedings, Structural Stability Research Council Pages 25-28.

Electrical Engineering

Gajda, Jr., Walter J.

W.J. Gajda, Jr. and H.G. Henry. 1981. Impurity distribution in doped, single crystal vanadium oxide temperature sensors. Proceedings of the National Electronics Conference 35:431-435.

COLLEGE OF SCIENCE

Biology

Munstermann, Leonard E.

L.E. Munstermann. 1981. Ecological and genetic separation of three sympatric

species of *Aedes* (Diptera: Culicidae) from the Kenya coast. Bulletin of Entomological Research 71:639-648.

Chemistry

Castellino, Francis J.

G.W. Amphlett, R. Byrne and F.J.

Castellino. 1982. Cation binding properties of the multiple subforms of RVV-X, the coagulant protein from *Vipera russelli*. Biochemistry 21(1):125-131.

Scheidt, W. Robert

W.R. Scheidt and C.A. Reed. 1981.

Spin-state/stereochemical relationships in iron porphyrins: Implications for the hemo-proteins. Chemical Reviews 81(6): 543-555.

Mathematics

Sommese, Andrew J.

A.J. Sommese. 1981. On the minimality of hyperplane sections of projective three-folds. Journal für die reine und angewandte Mathematik. Walter de Gruyter-Berlin-New York. Pages 16-41.

Physics

Poirier, John A.

E.B. Dally, J.M. Hauptman, J. Kubic, D.H. Stork, A.B. Watson, Z. Guzik, T.S. Nigmanov, V.D. Riabtsov, E.N. Tsyganov, A.S. Vodopianov, A. Beretvas, A. Grigorian, J.C. Tompkins, T.E. Toohig, A.A. Wehmann, C.A. Rey, J.T. Volk, P.D. Rapp, P.F. Shepard and J.A. Poirier. Elastic-scattering measurement of the negative-pion radius. Physics Review Letters 6:375-378.

RADIATION LABORATORY

Patterson, Larry K.

J-P. Chauvet, R. Viovy, M. Bazin, R. Santus and L.K. Patterson. 1982. Photoionization of photosynthetic pigments in negatively charged micelles by UV light. Chemical Physics Letters 86(2):135-139.

LAW SCHOOL

Kmiec, Douglas W.

D.W. Kmiec. 1981. Deregulating land use: An alternative free enterprise development system. University of Pennsylvania Law Review 130:28-130.

D.W. Kmiec. 1982. So you think you've been taken - Constitutional and statutory remedies for regulatory takings in Indiana. Indiana Real Estate Practice 121 pp.

Smithburn, J. Eric

J.E. Smithburn. 1981. Review of J. Nolan's *Trial Practice: Cases and Materials*. UCLA Law Review 28:1120-1124.

awards received

IN THE MONTH OF FEBRUARY, 1982

Department or Office	Principal	Short title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Psychology	Pryor	Mnemonic Organization of Social Information in Small Groups	Ohio State Univ. Res. Fdn.	18,891 12
Biology	Carpenter	Acid-Rain, Compositional Change in Submersed Macrophyte	State Univ. NY at Bingham	4,913 12
Inst. Urban Studies	Broden	Neighborhood Research Consortium	Univ. Minnesota	100 --
Chemistry	Castellino, Strickland	Blood Coagulation Protein-Metal Ion-Lipid Interactions	Natl. Inst. Health	12,495 12
Physics	Darden	Study of Nuclei using Polarized Beams	Natl. Sci. Fdn.	11,178 29.5
Chemistry	Kowalski	Synthesis of Anticancer Germacranolide Sesquiterpenes	Natl. Inst. Health	63,988 12
Radiation Lab.	Schuler	Effects of Radiation on Matter	Dept. Energy	2,231,600 10
Chemistry	Nowak	Information Transfer - Enzyme Activation and Regulation	Natl. Inst. Health	36,936 12
Cent. Study Man	Aldous, Marsh	Inflation Effects on Family	(private fdtn.)	11,000 7
Biology	Craig	Factors Affecting Vector Competence in <i>Aedes triseriatus</i>	Natl. Inst. Health	10,310 12
Biology	Saz	Intermediary Metabolism of Helminths	Natl. Inst. Health	125,690 12
AWARDS FOR FACILITIES AND EQUIPMENT				
Radiation Lab.	Schuler	Effects of Radiation on Matter	Dept. Energy	258,100 10
AWARDS FOR INSTRUCTIONAL PROGRAMS				
Law School	Link, Moffitt	Course in Food and Drug Law -- Notre Dame Law School	Food and Drug Law Inst.	2,000 5
Advanced Studies	Gordon	McGee Fellowship Program in Economics	McGee Fdn.	3,800 9
AWARDS FOR SERVICE PROGRAMS				
Cent. Past. Soc. Min.	Pelton	Notre Dame Institute for Clergy Education	---	37,932 --
Cent. Past. Soc. Min.	McNeill	Center for Experiential Learning	---	100 --
Cent. Past. Soc. Min.	Gaynor	Religious Leaders Program	---	682 --
Cent. Past. Soc. Min.	Melloh	Notre Dame Center Pastoral Liturgy	---	543 --
Cent. Past. Soc. Min.	Melloh	Notre Dame Center Pastoral Liturgy Workshops	---	6,250 --
Cent. Past. Soc. Min.	Pelton	Notre Dame Institute for Clergy Education	---	3,810 --

<u>Department or Office</u>	<u>Principal</u>	<u>Short title</u>	<u>Sponsor</u>	<u>Dollars Months</u>
Cent. Past. Soc. Min.	McNeill	Center for Experiential Learning	---	1,359 --
Cent. Past. Soc. Min.	Melloh	Notre Dame Center for Pastoral Liturgy	---	1,214 --
Cent. Past. Soc. Min.	Melloh	Notre Dame Center for Pastoral Liturgy - Workshop	---	1,325 --

proposals submitted

IN THE MONTH OF FEBRUARY, 1982

<u>Department or Office</u>	<u>Principal</u>	<u>Short title</u>	<u>Sponsor</u>	<u>Dollars Months</u>
PROPOSALS FOR RESEARCH				
Chemical Eng.	Wolf	Catalytic Steam Gasification of Coal	Dept. Energy	127,773 24
Aerospace Mech. Eng.	Lloyd, Yang	Radiation Convection Interaction in Heat Transfer	Natl. Sci. Fdn.	98,483 12
Chemistry	Hayes	Chemical Effects in the MII, III Spectra of Iron Series Compounds	Natl. Sci. Fdn.	187,482 36
Psychology	Day	Text Structure, Knowledge Base on Comprehension of Prose	NCTE Research Fdn.	4,563 19
Chemical Eng.	Varma	Catalytic Reactor Design Engineering	Ford Motor Co.	46,000 12
Microbiology	Wostmann	Intestinal Microorganisms on Cholesterol Metabolism	Eagles' Max Baer Heart Fund	15,210 --
Chemistry	Basu, Basu	Ii-Glycolipid Biosynthesis in Mouse Lymphoma	Natl. Inst. Health	45,630 12
Cent. Study Man	Early	Etiology of Anorexia Nervosa and Infectious Mononucleosis	Natl. Inst. Health	105,425 12
Lobund Lab.	Pollard	Investigations on Prostate Adenocarcinomas in Rats	Natl. Inst. Health	90,375 12
Biology	Grimstad	Ecology of Vectors of Jamestown Canyon Virus	Natl. Inst. Health	83,534 12
Cent. Study Man	Early	The Popular Etiology of Anorexia Nervosa and Infectious Mononucleosis	Natl. Sci. Fdn.	177,417 24
Chemistry	Castellino	Structure-Function Studies on Plasminogen and Plasmin	Natl. Inst. Health	105,580 12
Theology	Laporte	Forgiveness of Sins in Philo of Alexandria	(private fdtn.)	54,740 12
Physics, Chemistry	Jones, Kozak	Integral Equation Approach to Critical Phenomena in Fluids	Natl. Sci. Fdn.	168,477 24
Cent. Study Man	Welch, Huckfeldt	Student Characteristics in Catholic Schools: Comparative Study	Natl. Cath. Educ. Assoc.	30,826 12
Chemistry	Kowalski	The Chemistry of α -Keto Dianions	Natl. Sci. Fdn.	49,232 12
Aerospace Mech. Eng.	Huang	Interface Stability During Solidification of Metals	Bethlehem Steel Corp.	15,210 12
Electrical Eng.	Sain	Design of Multivariable Control Systems	Natl. Sci. Fdn.	57,054 12
Chemistry	Basu, Bhattacharya	Studies on DNA Polymerase- α from Neuronal Cells	Natl. Inst. Health	92,134 12

Department or Office	Principal	Short title	Sponsor	Dollars Months
Physics	Marshalek, Koppel	Supplement to "Theoretical Studies of Nuclear Structure"	Natl. Sci. Fdn.	77,810 24
Metallurgical Eng.	Miller	Adhesive Wear Studies of Bushing/ Cam and Vane/Rotor Materials	Ecton Corp.	25,000 6
PROPOSALS FOR FACILITIES AND EQUIPMENT				
Civil Eng.	Kirkner, Katona, Bang	Engineering Research Equipment for Soil Structure Test	Natl. Sci. Fdn.	57,540 12
PROPOSALS FOR INSTRUCTIONAL PROGRAMS				
Civil Eng.	Ketchum	Civil Engineering Graduate Student Support	Greiner Eng. Sci. Inc.	42,400 24
PROPOSALS FOR SERVICE PROGRAMS				
Biology	Grimstad	Arbovirus Surveillance Laboratory Service	Ind. St. Bd. Health	138,236 12
PROPOSALS FOR OTHER PROGRAMS				
Aerospace Mech. Eng.	Yang, Lloyd	Natural Convection Workshop	Natl. Sci. Fdn.	20,000 7
Management	Houck, Williams	A Symposium on the Encyclical "On Human Work"	Ind. Comm. Humanities	39,309 10
University Libraries	Sereiko	Catholic Americana Acquisitions Processing and Preservation	Dept. Educ.	456,210 24
Psychology	Santos	Post White House Conference on Aging	(private fdtn.)	83,648 18
Biology	Bender	Medical Service Grant/Human Genetics Program	ISBH, NCIMEF	31,702 12

summary of awards received and proposals submitted

IN THE MONTH OF FEBRUARY, 1982

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	8	2,511,088	3	16,013	11	2,527,101
Facilities and Equipment	1	258,100	0	0	1	258,100
Instructional Programs	1	3,800	1	2,000	2	5,800
Service Programs	0	0	9	53,215	9	53,215
Other Programs	0	0	0	0	0	0
Total	10	2,772,988	13	71,228	23	2,844,216

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	7	461,934	14	1,196,021	21	1,657,955
Facilities and Equipment	0	0	1	57,540	1	57,540
Instructional Programs	0	0	1	42,400	1	42,400
Service Programs	0	0	1	138,236	1	138,236
Other Programs	0	0	5	630,869	5	630,869
Total	7	461,934	22	2,065,066	29	2,527,000

notre dame report

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

Marianne Murphy, Editor
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415 Administration Building
Notre Dame, Ind. 46556
(219) 239-5337
