

'76-'77

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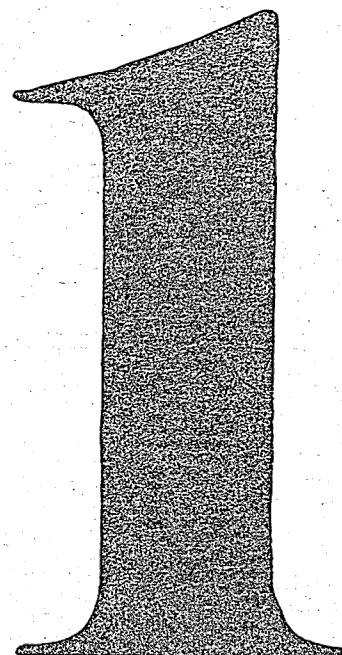
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United Way

The 1976 United Way campaign will begin on Sept. 28, about two weeks earlier than last year. The community campaign goal is a little higher than last year but with the withdrawal of Associates from the area, a significant increase has been distributed to all members of the community. The Notre Dame campaign goal will be in excess of \$60,000. William Berry is the Notre Dame chairman this year.

Faculty will receive the United Way packet of information about Sept. 28 and it is requested that they return the signed pledge card with their check or pledge immediately. A representative in each University department will be available to answer any questions about United Way.

Music Department Concert Series

The Department of Music will sponsor the following concerts during the fall semester. All concerts are open to the public and performances will begin at 8:15 p.m. unless otherwise noted.

- Sept. 5 -- David Clark Isele, Baritone. Sacred Heart Church. Free.
- Sept. 22 -- Ennio Bolognini, cello and Rhea Shelters, piano (with Patrick Maloney, tenor). Library Auditorium. Free.
- Sept. 27 -- Chicago Symphony Quartet (with William Cerny, piano and Patrick Maloney, tenor). Library Auditorium. Admission \$1.
- Oct. 6 -- Turan-Mirza Kamal, classical guitar. Library Auditorium. Admission \$1.
- Oct. 13 -- Roger Scanlan, tenor, American song. Library Auditorium. Free.
- Oct. 24 -- Sue Henderson Martin, organist. Sacred Heart Church. Free.
- Oct. 27 -- University of Notre Dame Glee Club. Washington Hall. Free.
- Nov. 3 -- Faculty Chamber Concert. Library Auditorium. Free.
- Nov. 10 -- Yuval Piano Trio from Israel. Library Auditorium. Admission \$1.
- Nov. 17 -- Katherine Glaser, pianist. Library Auditorium. Free.
- Dec. 1 -- Adrian Bryttan, violinist. Library Auditorium. Free.
- Dec. 5 -- Advent and Christmas Choral Concert. Sacred Heart Church, 4 p.m. and 8:15. Free.
- Dec. 8 -- University of Notre Dame Orchestra. Washington Hall. Free.
- Dec. 10 -- University of Notre Dame Chorus. Sacred Heart Church. Free.

Art Gallery Exhibits

Fall and spring semester exhibits for 1976-77 at the University Art Gallery have been announced by Dean A. Porter, director. The exhibit areas in O'Shaughnessy Hall are open from 10 a.m. to 4:45 p.m. daily and from 1 to 5 p.m. weekends.

- Sept. 5-Oct. 24 -- Faculty Art Exhibit, West Gallery.
- Sept. 5-Oct. 17 -- German Graphics and Drawings from the D. Thomas Bergen Collection, East Galleries I-III; The Fred Hopkins Collection: A Selection of Master Graphics on Loan from Mrs. Robert Hayden, Masterpiece Gallery.
- Nov. 7-Jan. 2 -- Nancy Hoffman: Aspects of Realism, West Gallery.
- Nov. 14-Jan. 2 -- I. Ginny and Tom Marsh Ceramics; II, Photography; III, Drawings from the Permanent Collect, East Galleries. Medieval Art from the Permanent Collect, Masterpiece Gallery.
- Jan. 16-Feb. 27 -- Art in Indiana, East and West Galleries.
- March 6-April 10 -- I-II, Moira Geoffrion; III, Photography, East Galleries.
- March 6-April 3 -- Masterpieces from the Permanent Collect, West Gallery.
- April 10-May 22 -- I-III, Student Exhibition, East Galleries.
- April 24-June 12 -- The Ambrosiana Collection, West Gallery.

In addition, the Art Gallery is sponsoring a Thursday evening lecture series in September. The program is as follows:

- Sept. 23 -- Meet the Faculty, panel discussion with members of the Art Department, 7:30 p.m.
- Sept. 30 -- Douglas Kinsey; German Expressionist Drawings, 7:30 p.m.

Starting Sept. 23, the Art Gallery will be open to the public on Thursday nights from 7-9 p.m.

Radiation Laboratory

The Radiation Laboratory research staff at the University of Notre Dame has nearly doubled as a result of the recently announced consolidation with the Radiation Research Laboratories of Carnegie-Mellon University (Pittsburgh). Consolidation also means new equipment, including a 3 MeV (million electron volts) Van de Graaff generator being transferred here from Carnegie-Mellon. An underground concrete vault is being added to the south side of the Radiation Research Building to house the Laboratory's second generator.

The former director of the Carnegie-Mellon Radiation Research Laboratories brought five scientists with him to Notre Dame and made 17 new appointments, for a total research staff of 48.

The Radiation Laboratory is a facility of the U.S. Energy Research and Development Administration (ERDA) operated by Notre Dame.

the university

Special Notice

Faculty and administrators at Notre Dame who earlier received a notice concerning photos for the Notre Dame Report photographic directory are reminded to stop in at the office of the director of photographic services, Bruce Harlan, for a studio portrait on one of the following dates:

Tuesday, Sept. 21 -- 8 a.m. to 5 p.m. (including the lunch hour)
Wednesday, Sept. 22 -- noon to 5 p.m.
Thursday, Sept. 23 -- 8 a.m. to 5 p.m. (including the lunch hour)

Those coming do not need to make a reservation and there is no charge for the sitting. To get to Harlan's office, enter Gate 1 of the Athletic and Convocation Center, turn right and enter the first office door (C-48). Faculty or administrators who will be away from the campus on these days should call 7350 to arrange for a special sitting.

Those who need not come for a studio sitting are:

1. Overseas faculty, who should send a portrait type photograph to Harlan's office;
2. Faculty or administrators who have had a portrait-type photograph taken within the last 12 months by Harlan, who has the negative in his files;
3. Faculty or administrators who have had a portrait-type photograph taken by a non-University photographer within the past 12 months and who send a copy to Harlan.

All persons in the above categories should send notification--and photos if necessary--to Bruce Harlan. (Director of Photographic Services, Athletic and Convocation Center, University of Notre Dame 46556) if they have not already done so.

Clark Professorship

George B. Craig, Jr., Clark Professor of Biology, delivered a lecture entitled "Mosquitoes, Encephalitis, and Notre Dame" Sept. 10 in the Notre Dame Center for Continuing Education auditorium.

The lecture was part of inaugural ceremonies for the George and Winifred Clark Chair in Biology. The chair was created in 1971 from a fund for distinguished professors established in 1954 by the Clarks. Professor Craig established the Mosquito Genetics Project which pioneered research into the genetic control of disease-carrying mosquito *Aedes aegypti* and he now continues this work as director of the Vector Biology Laboratory at Notre Dame.

Crowley Hall of Music

The new home of the University's Department of Music will be dedicated at ceremonies Nov. 12 and 13. It will be named for an alumnus, the late Patrick F. Crowley, a Chicago attorney who with his wife founded the Christian Family Movement (CFM). The memorial to Crowley, who died in 1974, was made possible by a gift from his brother-in-law, John B. Caron. Caron is an alumnus and trustee of Notre Dame who heads Caron International in New York, the largest manufacturer of hand knitting yarns in the United States.

Moving into the former Hoynes Hall has enabled Notre Dame's fast-growing department to triple the 3,600 feet of space it occupied in O'Shaughnessy Hall. A renovation by Ellerbe Architects/Planners/Engineers of St. Paul, Minnesota, has provided 13,000 square feet for 12 teaching studios, 20 practice rooms, two small classrooms, a library for scores, a student lounge, an orchestral storage room, an administrative office area, and an instrumental rehearsal room, which will double as a large lecture room and student recital hall.

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Accountancy Fund

A faculty development fund of a quarter million dollars has been established for members of the accountancy department in Notre Dame's College of Business Administration by Arthur Andersen & Co., international firm of certified public accountants headquartered in Chicago.

Designed to underwrite research aimed at enhancing the effectiveness of the accountancy faculty members, including curriculum development, the gift will be paid in installments of \$25,000 annually. The Anderson firm presently employs more than 150 Notre Dame graduates, including 11 partners and 22 managers.

'Ascent of Man' Series

Each Monday afternoon during the fall semester the College of Science will present J. Bronowski's Ascent of Man at 3:25 p.m., 4:30 p.m. and 5:45 p.m. in the Engineering Auditorium. Admission is free and all Notre Dame students and faculty are welcome. The schedule, with a brief explanation of each program's contents, is as follows:

- Sept. 6--Lower than the Angels (early man, the hunter)
- Sept. 13--The Harvest of the Seasons (agriculture, the wheel)
- Sept. 20--The Grain in the Stone (the city, architecture)
- Sept. 27--The Hidden Structure (metallurgy and alchemy)
- Oct. 4--The Music of the Spheres (beginnings of mathematics)
- Oct. 11--The Starry Messenger (the universe: Copernicus and Galileo)
- Oct. 25--The Majestic Clockwork (the universe: Newton and Einstein)
- Nov. 1--The Drive for Power (Industrial Revolution, American Revolution)
- Nov. 8--The Ladder of Creation (evolution)
- Nov. 15--World Within World (the elements and atoms)
- Nov. 22--Knowledge of Certainty (principle of uncertainty)
- Nov. 29--Generation upon Generation (genetics)
- Dec. 6--The Long Childhood (man and the mind)

In conjunction with the series, a discussion group will meet each Tuesday during the semester at 7:30 p.m. in the Library Lounge. A panel of Notre Dame faculty members will initiate discussion of that week's segment of the series. All students and faculty members are welcome to attend and to participate in an exchange of views. For further information on either program contact Prof. James T. Cushing at Ext. 6132.

ND-SMC Theatre

The Notre Dame - Saint Mary's College Theater will present four plays during the 1976-77 academic year. All shows will begin at 8 p.m. in O'Laughlin Auditorium. The schedule is:

- Heartbreak House -- George Bernard Shaw's prophetic comedy, directed by Frederic Syburg. Oct. 1, 2, 7, 8, and 9.
- A Delicate Balance -- Edward Albee's Pulitzer Prize-winning portrait of disintegrating love, directed by Diana Hawfield. Dec. 3, 4, 9, 10 and 11.
- They -- Polish Playwright Stanislaw Witkiewicz' drama of contemporary man's paranoia, directed by Miles Coiner. Feb. 25, 26, March 3, 4, 5.
- Fiddler on the Roof -- The loving theatrical hymn to the Jewish people based on the Sholem Aleichem stories, directed by Reginald F. Bain, April 29, 30, May 5, 6, 7.

Season subscription rates are available for groups, students and teachers through the ND-SMC Theater.

Notre Dame Magazine

Notre Dame Magazine, in competition with college and university magazines from throughout the United States, has been cited by Newsweek magazine for "achievement in alumni publication content relating the university to public affairs." The alumni-magazine won the top Newsweek award for the October 1975 issue on former Notre Dame anti-war activists and for the February 1976 issue on the world of work and its relationship to higher education.

For the fourth consecutive year, the Council for the Advancement and Support of Education (CASE) selected Notre Dame Magazine as one of the top 10 alumni magazines in the country. Notre Dame's total publications program was also cited for excellence at the awards ceremonies during the CASE national convention in Washington, D.C., July 13-16.

Library Policy Note

University Libraries now require an identification card of all persons who wish to charge out library materials.

faculty notes

Appointments

Maj. A.B. Chapman, assistant professor of military science, has been appointed executive officer of the Department of Military Science.

Lt. Col. James A. Musselman has been appointed professor of military science and chairman of the Military Science Department.

Sister Marion Ruidl, C.S.C. has been appointed administrator of the Student Infirmary. She succeeds Sr. Miriam Dolores, C.S.C., who will join the nursing staff of the convent at Saint Mary's College.

Honors

Several members of the Notre Dame community have been appointed to positions on the newly-created National Consortium for Graduate Degrees for Minorities in Engineering, Inc., located at Notre Dame. Joseph C. Hogan, dean of the College of Engineering is chairman of the board of directors and president of the corporation; Philip J. Faccenda, general counsel for Notre Dame, is secretary-treasurer; and Stuart T. McComas, professor of aerospace and mechanical engineering, is serving as temporary executive director.

Francis J. Castellino, associate professor of chemistry, has been appointed chairman of the Research Council of the Indiana Heart Association for 1976-1977.

Cornelius Delaney, chairman of the Department of Philosophy, and John J. Fitzgerald, professor of philosophy and vice president for advanced studies, were among 200 select recipients of Boston College Presidential Bicentennial Awards, presented at ceremonies in June on the Boston campus. Both men are alumni of the college.

Rev. John S. Dunne, C.S.C., professor of theology, has been chosen to give the Sarum Lectures at England's Oxford University this fall. Conducted in alternate years, the Sarum series provides for eight "theological lectures in support of the Christian faith" by noted authorities in the field of religion.

Rev. Theodore M. Hesburgh, C.S.C., president of the University, was given the Justice Award of the American Judicature Society following his July 4 address at a meeting of the organization in Philadelphia. The award, given only 16 times in 63 years, normally has gone to justices of the U.S. Supreme Court or attorneys general of the United States. Father Hesburgh is the first non-lawyer to receive it. Father Hesburgh also received the distinguished service to higher education award of the Stony Brook Foundation Sept. 14 in Hauppauge, N.Y.

James R. Langford, director of the University Press, has been appointed chairman of the Professional and Institutional Relations Committee of the Association of American University Presses.

Thomas J. Mueller, professor of aerospace and mechanical engineering, has been elected a Fellow of the American Society of Mechanical Engineers.

Brother Leo V. Ryan, C.S.V., dean of the College of Business Administration, has been selected by DePaul University of Chicago to receive one of its "Distinguished Alumni Awards" for 1976.

Michael K. Sain, professor of electrical engineering, has been elected a Senior Member of the Institute of Electrical and Electronics Engineers.

Julian Samora, professor of sociology and anthropology, has been appointed to the National Advisory Council for the Harvard Ethnic Encyclopedia. He has also been appointed to the board of the Mexican American Legal Defense and Educational Fund in San Francisco.

Thomas J. Schlereth, assistant professor of American Studies, has been elected secretary-treasurer of the Society of Architectural Historians, Ohio Valley Chapter.

Maurice E. Schwartz, associate professor of chemistry, has been appointed associate director of the Quantum Chemistry Program in the Chemistry Division of the National Science Foundation, Washington, D.C. He will be on leave from Notre Dame from August, 1976, through July, 1977, in this position. He will also be a Visiting Research Scientist at the National Bureau of Standards during his stay in Washington.

Thomas L. Shaffer, professor of law school, has been appointed to serve of the Fiduciary Accounting Committee and the Publications Committee of the American College of Probate Counsel, Los Angeles.

Evelyn Eaton Whitehead, assistant professor of theology, has been appointed by the Association of Theological Schools to their Committee on the Assessment of Readiness for Ministry.

Oliver F. Williams, C.S.C., assistant professor of theology and director of the Professional Theology Program, has been elected to the Executive Committee of the Association for Professional Education for Ministry.

Activities

A faculty seminar on "The Historical Development of Science and Technology," funded by a grant from the Uniroyal Foundation, was conducted during the summer under the directorship of Michael J. Crowe, professor in the General Program of Liberal Studies and the graduate program in History and Philosophy of Science. Participating in the eight sessions were James Cushing, associate professor of physics; William McGlinn, professor of physics; Bernard Norling, professor of history; John Roos, associate professor of government and international studies; Joseph Rushton, Jr., assistant professor of art; Thomas Theis, assistant professor of civil engineering; Ralph Thorsen, professor of biology, and Professor Crowe.

Hafiz Atassi, associate professor of aerospace and mechanical engineering, presented a paper entitled "Effect of Loading and Rotor Wake Characteristics on a Acoustic Field of Stator Blades" at the 3rd Acoustic Conference of the AIAA at Stanford University in San Francisco, July 19-23.

Dennis Bamber, instructor in music, was soloist with the Mid-west Chamber Orchestra in South Bend on May 15. He performed the "Concertino da Camera" for saxophone and orchestra by Jacques Ibert.

Harvey A. Bender, professor of biology, lectured on "Genes and Our Society" July 6 during the summer lecture series of the Aquinas Institute of Religious Studies at Aquinas College in Grand Rapids, Michigan.

Thomas P. Bergin, dean of the Center for Continuing Education, was an invited participant in a White House Meeting on Education and the Arts, Sept. 8, sponsored by the White House Office of Public Liaison in cooperation with the National Art Education Association, the American Theater Association, the National Dance Association, the Music Educators National Conference and the Education Department of the Department of Health, Education and Welfare. Bergin is chairman of the Artists-in-Schools Committee of the National Endowment for the Arts.

Robert Betchov, professor of aerospace and mechanical engineering, gave an invited lecture on "Numerical Models of Turbulence" at the Max-Planck-Institut fur Stromungs Forschung in Gottingen, Germany on Aug. 25.

William Cerny, chairman of the Department of Music, presented a piano concert of Chopin compositions July 20 at Notre Dame.

Yu-chi Chang, associate professor of management, presented a paper on "The Socio-Economic Determinants of Gasoline Conservation Measures: Rationing or Higher Price" at the Midwest AIDS Conference May 6-8 in Detroit.

B.D. Cullity, professor of metallurgical engineering and materials science gave an invited paper on "Some Problems in X-Ray Stress Measurements" on August 5, at the annual Denver Conference on Applications of X-Ray Analysis.

Vincent P. De Santis, professor of history, served as a visiting professor of history at the University of Queensland, Brisbane, Australia during the summer.

Michael L. Doria, assistant professor, and John R. Lloyd, associate professor of aerospace and mechanical engineering, presented a paper at the 16th International Symposium on Combustion held in Boston, Aug. 16-20, entitled "Numerical Modeling of Unsteady Buoyant Flows Generated by Fire in a Corridor."

Alan Dowty, associate professor of government, lectured on "The Arab-Israel Conflict Today" at the Sinai Synagogue in South Bend, June 19 and on "Lebanon and the Prospects for Middle Eastern Peace" at the Hebrew Orthodox Synagogue in South Bend, June 29.

Thomas P. Fehlner, professor of chemistry, was awarded a travel grant by the National Science Foundation to present a paper entitled "Photoelectron Spectroscopy of Boranes, Carboranes and Metalloboranes" at the Third International Meeting on Boron Chemistry in Munich and Ettal, West Germany, July 5-9.

Michael J. Francis, professor of government and international studies, will be a Visiting Scholar at the University of Michigan for the academic year 1976-77 under a grant from The University Consortium for World Order Studies. He is working on a project dealing with international dependency and interdependency.

Gilbert H.K. Hong, Assistant Faculty Fellow in the Radiation Laboratory, was an invited speaker at the Gordon Research Conference on Radiation Chemistry held August 23-27, at New Hampton, New Hampshire. His talk was entitled "Energy Transfer in Molecular Solids

Nai-Chien Huang, associate professor of aerospace and mechanical engineering, conducted a seminar on "Interface Stability During Unidirectional Solidification of a Pure Metal," at the U.S. Steel Research Laboratory in Monroeville, Pennsylvania, on Aug. 13.

David Clark Isele, assistant professor of music, gave a recital Sept. 5 at Sacred Heart Church in which he premiered a song cycle, "From the Many Mouths of God," adapted from the poems of English Professor Emeritus Ernest Sandeen which appeared in his latest collection, "Like Any Road Anywhere." Isele also performed songs by Dvorak, Bach, Gounod and Handel. Sue Henderson Martin, assistant professor of music, accompanied Isele on the organ.

Kenneth Jameson, assistant professor of economics, has been named a member of the Policy Study Group - Utility Rate Structures of the Citizen's Energy Coalition-Education Fund. Headquartered in Indianapolis, the group will study electric utility rate structure with a view to proposing alternative policies.

A. Murty Kanury, associate professor of aerospace and mechanical engineering, chaired a colloquium on "Fire and Explosion Research" at the 16th International Symposium on Combustion held in Boston, Aug. 16-20. He also presented a paper at the 122nd National American Chemical Society Meeting in San Francisco, Aug. 29-31, entitled "Combustion of Polymers."

James Kritzeck, professor of history, lectured at the Eighth Institute on Sub-Saharan Africa at Notre Dame on June 16, on Mediaeval Arabic Codicology at the University of Pennsylvania on June 17-18, and addressed the World Festival of Islam at The Commonwealth Institute in London on June 23.

Charles F. Kulpa, Jr., assistant professor of microbiology, presented papers on "Lipopolysaccharide structure and function in a membrane-defective mutant of *E. coli*" (July 19) and "Artificial membranes: An application as drug-carriers" (July 20) at the Department of Biochemistry, Clemson University in Clemson, South Carolina.

John R. Lloyd, associate professor of aerospace and mechanical engineering, chaired a technical session at the National Heat Transfer Conference of the American Society of Mechanical Engineers held in St. Louis, Aug. 8-11.

Marino Martinez-Carrion, professor of chemistry, presented an invited talk entitled "Calcium Sites as Distinct from Neurotransmitter Sites in Acetylcholine Receptors" at the Symposium on Calcium Binding Proteins at the 67th Annual Meeting of the American Society of Biological Chemists in San Francisco, June 8.

Thomas G. Marullo, assistant professor of modern and classical languages, presented a paper entitled "Nikolai Nekrasov and the Restoration of Russian Verse (1848-1854)" at the annual meeting of the New England Slavic Association, May 1, at the University of Connecticut in Storrs.

Thomas J. Mueller, professor of aerospace and mechanical engineering, gave an invited lecture on "The Analytical Prediction of Turbulent Base Pressure for Supersonic External Flows" at the U.S. Army Ballistics Research Laboratory, Aberdeen, Maryland, July 14.

William B. Roberts, assistant professor of aerospace and mechanical engineering was a participant in the ASEE-NASA Summer Faculty Research Program at NASA Lewis Research Center, Cleveland, Ohio from June 1-Aug. 10.

Michael K. Sain, professor of electrical engineering, presented a seminar on "Frequency Domain Control Design Methods, with Jet Engine Illustrations" to the Turbine Engine Division, Aero Propulsion Laboratory, Wright-Patterson Air Force Base, Ohio on July 29.

Julian Samora, professor of sociology and anthropology, was invited to attend the first binational seminar for the study of the borderland zones between Mexico and the U.S.A., on June 23-24, in Mexico City and Cuernavaca, Morelos, Mexico. The seminar was called by the National Council of Science and Technology. Mexican Universities and governmental agencies were represented as well as the Universities of California, Texas, Arizona and Notre Dame.

John F. Santos, professor of psychology and director of the Mental Health Outreach Program for the Elderly at Notre Dame, will make the introductory presentation and chair a symposium at the 84th Annual Meeting of the American Psychological Association Convention in Washington, D.C. on Sept. 9. The theme of the symposium is "Tools For The Clinical Assessment of the Aging."

Thomas J. Schlereth, assistant professor of American Studies, gave the opening presentation, "Photography As History," at the national conference of the Society for Values in Higher Education, Aug. 15 at St. Mary's College, Notre Dame, Indiana; on Aug. 22, he addressed the South Bend Press Club at Notre Dame on the topic, "The Above-Ground Archaeology of Nineteenth Century Notre Dame."

Anthony M. Trozzolo, Huisking Professor of Chemistry, was an invited participant at the Organic Reaction Mechanisms Workshop sponsored by the National Science Foundation and held at Airlie House, Virginia on June 19-21. Professor Trozzolo also delivered a lecture entitled "Photochemistry of Some Small Heterocycles" at the Gordon Research Conference on the Chemistry of Heterocyclic Compounds at the New Hampton School, New Hampton, New Hampshire on July 5-9.

Phyllis M. Webb, assistant professor of microbiology, was an invited participant in the Third Workshop of the International Cooperative Group for Bone Marrow Transplantation in Man, Aug. 19-21 in Tarrytown, New York. The workshop was sponsored by Memorial Sloan Kettering Cancer Center, New York. As a member of the National Committee on Competency in Clinical Immunology, Professor Webb participated in a workshop sponsored by the American Society for Medical Technology, Aug. 22-24 in Houston.

Oliver F. Williams, C.S.C., assistant professor of theology, delivered a paper on "Refocusing Foundations for Ministry" at the Biennial Meeting of the Association for Professional Education for Ministry in Boston, June 18-20. He conducted a workshop on "Evaluation in Formation" for the Seminary Department of the National Catholic Education Association at Thomas More College, Covington, Kentucky, on July 21.

Robert W. Williamson, associate professor of accountancy, was an invited participant in the 10th annual "Symposium for Educators" sponsored by Ernst and Ernst in Cleveland July 14-16.

Daniel H. Winicur, assistant professor of chemistry presented a paper entitled "Dynamics of Molecular Collisions" at the Gordon Research Conference July 26-30, at the Holderness School in Plymouth, New Hampshire.

K.T. Yang, chairman of the Department of aerospace and mechanical engineering, attended the 25th Heat Transfer and Fluid Mechanics Institute at the University of California in Davis, June 20-23 and chaired a session on "Aerospace Heat Transfer Problems." During the Fire Research Conference July 14-16 at the Applied Physics Laboratory in Silver Springs, Maryland, he delivered a lecture on "Fire and Smoke Spread in Corridors." Professor Yang also presented a paper on "An Experimental Study of Natural Convection Mass Transfer Along a Vertical Plate with Surface Injection," at the Heat Transfer Division Meeting of the American Society of Mechanical Engineers in St. Louis, Aug. 8-11.

office of advanced studies

Special Notice

Current Publications and Other Scholarly Works

To date, the current publications portion under the Office of Advanced Studies section in the Notre Dame Report has mainly listed citations for publications by the Teaching and Research Faculty. Henceforth, the Office of Advanced Studies will accept citations for scholarly works (art works, books, short stories, poetry, and articles in recognized scholarly and professional journals) from the entire University academic community - the Teaching and Research Faculty, the Special Research Faculty, the Library Faculty, the Special Professional Faculty, and nonregular faculty.

Notes for Principal Investigators

National Science Foundation (NSF) Submission of Final Fiscal and Final Technical Reports

The NSF has issued an Important Notice concerning the submission of final fiscal and final technical reports for their grants.

Effective October 1, 1976, the following documents are to be submitted, as a single package, within 90 days after the expiration date of a grant.

1. Final fiscal report
2. Final technical report
3. Summary of completed project on NSF Form 98A

To implement this change in procedure, the Office of Advanced Studies - Division of Research and Sponsored Programs (RSP) will be the clearing point for the transmission to NSF of the three items. Within 90 days after the expiration date of a grant, principal investigators are to send the following items to RSP:

1. Final technical report- three copies (two copies for NSF and one copy for RSP).
2. Summary of completed project - three copies (two copies for NSF and one copy for RSP). The summary is to be filed on NSF Form 98A. Copies of NSF Form 98A will be available in RSP.

The Director of Current Funds - Restricted will provide RSP with four copies of the final fiscal report (three copies for NSF and one copy for RSP).

Under exceptional circumstances when such study and opportunity are not available at any domestic institution, an individual may request support for study abroad. Such applicant will be required to provide detailed justification based on the unique facilities and/or training opportunity that are of the nature and caliber that they cannot be found in the U.S. and the particular suitability of the foreign situation, rather than the domestic, to the proposed research.

Documents to be submitted The applicant must submit (1) an application (PHS 416-1), (2) a signed assurance that the service or payback requirement will be complied with, if an award is made, and (3) if a non-citizen, a notarized statement of permanent residence. Since a complete application includes the sponsor's Facilities and Commitment Statement, that statement (PHS 416-2) must be with the application when submitted. In addition, an applicant will arrange for the submission of reference reports (PHS 416-3) on his or her behalf.

An individual may not have two competing applications pending review concurrently in the National Research Service Award program.

Application material Individuals are encouraged to review the eligibility criteria before requesting application kits from Grants Inquiries, Division of Research Grants, National Institutes of Health, Bethesda, Maryland 20014. If a self-addressed gummed mailing label is enclosed in the request for kits, it will expedite handling.

Application Receipt Date	Advisory Council Review	Results Announced by	Earliest Possible Start Date
August 15 (1976 only)	Jan./Feb.	March	April 1
October 1	May	June	July 1
February 1	Sept./Oct.	November	December 1
June 1	Jan./Feb.	March	April 1

For additional information on acceptable research subject areas, stipend and allowance levels, payback requirement, etc., contact the Office of Advanced Studies, Division of Research and Sponsored Programs, Extension 7378.

Information Circulars

National Institutes of Health Young Investigator Research Grant National Heart and Lung Institute

No. FY77-3

Beginning in fiscal year 1977, under the authorizations in Public Health Service Act, Section 301(c) and Section 412, the National Heart and Lung Institute plans to award new Young Investigator Research Grants. Each grant will have a duration of not more than three years. Funding beyond the first year of the grant will be contingent on satisfactory progress during the preceding year.

The Young Investigator Research Grant Program is intended to:

- encourage independent investigators to develop their research interests in the cardiovascular, pulmonary, blood disease, and blood resource areas;
- provide support for the initial research effort of investigators in these areas so that they can explore their own research ideas;
- foster an overall expansion of new research ideas in both fundamental and clinical areas.

Proposed projects must be:

- relevant to problems of cardiovascular, pulmonary, or blood diseases and resources;
- a well-defined study to answer a specific scientific question, or a pilot study but not supplemental to a project supported by other funds;
- designed for completion within a 3-year period; and
- acceptable in accordance with the customary criteria of scientific merit.

A grant under the program will provide support for a period of up to three years in an amount not to exceed \$90,000 direct costs, of which no more than \$35,000 may be requested for any 12-month period. These grants are not renewable and because of their special nature, certain limitations are placed on the items which can be supported.

The first receipt date for applications will be November 1, 1976. They will be reviewed by Study Sections in February/March and by the National Advisory Heart and Lung Council in May 1977. July 1, 1977, will be the earliest starting date for successful applicants.

For additional information on general provisions of the program, contact the Office of Advanced Studies, Extension 7378.

National Institutes of Health National Research Service Award for Individual Postdoctoral Fellowships

No. FY77-4

Under authority of Section 472 of the Public Health Service Act as amended (42 USC 4821-1), the National Institutes of Health (NIH) provides National Research Service Awards to postdoctoral individuals for training experiences in specified areas of biomedical and behavioral research. Awards are made to individual applicants, for specified training proposals, selected as a result of a national competition.

Eligibility requirements Applicants must be citizens or non-citizen nationals of the United States, or have been lawfully admitted to the United States for permanent residence and have in their possession a permanent visa at time of application. Non-citizen nationals are persons who although not citizens of the United States, owe permanent allegiance to the United States. They are generally persons born in lands which are not states, but which are under United States sovereignty, jurisdiction, or administration (e.g. American Samoa). Individuals on temporary or student visas are not eligible.

As of the beginning date of the proposed fellowship, an applicant must have received a Ph.D., M.D., D.D.S., D.O., D.V.M., O.D., Sc.D., D.Eng., D.N.S., or equivalent domestic or foreign degree. Applicants must apply in one of the research discipline areas specified by NIH. Proposed study must encompass biomedical research training with an opportunity to carry out supervised research in the specified areas, and offer opportunity to research health scientists, research clinicians, etc., to broaden their scientific background, or to extend their potential for research in health-related areas. National Research Service Awards (NRSA) are not made for study leading to the M.D., D.O., D.D.S., or other similar professional degrees. Neither will these awards support non-research clinical training.

Prior to formal submission, an applicant must arrange for appointment to an appropriate institution and acceptance by a sponsor who will supervise his or her training and research experience. The institutional setting may be a domestic or foreign non-profit private or public institution including the NIH and ADAMHA. The application must document the availability of staff and facilities to provide a suitable environment for performing high-quality work. The major emphasis of the application should be the research training experience and broadening of scientific competence.

National Institutes of Health National Research Service Awards for Institutional Grants

No. FY77-5

Under authority of Section 472 of the Public Health Service Act as amended (42 USC 4821-1), the National Institutes of Health (NIH) will award grants to eligible institutions to develop or enhance research training opportunities for individuals selected by them who are interested in careers in specified areas of biomedical and behavioral research.

Domestic nonprofit private or non-Federal public institutions may apply for grants to support training programs in specified areas of research from which a number of awards will be made to individuals selected by the institution and the program director. Pre- and postdoctoral trainees may be supported if either or both level(s) of training are justified in and approved on the basis of the application. The applicant institution must have, or be able to develop, the staff and facilities required for the proposed programs. The training program director at the institution will be responsible for the selection and appointment of trainees to receive National Research Service Awards and for the overall direction of the program.

The proposed program must encompass supervised biomedical research training in the specified areas, and offer opportunity for research training leading toward the research degree, or, in the case of research health scientists, research clinicians, etc., to broaden their scientific background. National Research Service Awards (NRSA) are not made for study leading to the M.D., D.O., D.D.S., or other similar professional degrees. Neither will these awards support non-research clinical training.

Application material Application materials may be obtained from the Grants Inquiries Office, Division of Research Grants, National Institutes of Health, Bethesda, Maryland 20014. If a self-addressed gummed mailing label is enclosed in the request for kits, it will expedite handling.

<u>Applications Received by</u>	<u>Advisory Council Review</u>	<u>Results Announced by</u>
August 15, 1976	Jan./Feb. 1977	March 1977

The NIH reserves the option of rejecting without further review all or part of an application that in its judgment does not fall within the specified areas of research that are currently being supported or does not fall within one of the specified areas for which support of predoctoral training is offered. Institutions contemplating submission of an application including predoctoral training should contact an appropriate person at NIH.

For additional information on acceptable research subject areas, appropriate NIH contact person, and other general provisions of the program, contact the Office of Advanced Studies, Division of Research and Sponsored Programs, Extension 7378.

National Endowment for the Arts Work Experience Internship Program

No. FY77-6

The National Endowment for the Arts announces the Work Experience Internship Programs scheduled for 1977. The 13-week programs are designed to acquaint participants with the policies, procedures and operations of the National Endowment and to give them an overview of arts activities in this country. Activities are planned to provide a detailed knowledge of the programs of the Endowment, including policy development, grant-making procedures and administration. In addition to working as members of the Endowment's staff, interns attend a series of seminars and meetings with members of the National Council on the Arts, Endowment panelists, artists, journalists, federal officials and other leading arts administrators.

Internships will be awarded on a competitive basis. Applicants must be sponsored by a college or university, state arts agency, or other non-profit, tax-exempt arts organization. Non-matching grants will include a stipend of \$2,210.00 plus travel.

Each intern is assigned to one program division or office throughout the session. Participants will spend approximately two-thirds of their time working as members of the professional staff to gain a functional view of the Endowment and to assist the program in daily operations. These activities will provide detailed knowledge of the programs of the Endowment, including policy development, grant-making procedures and internal administration. The remainder of the time will involve "internship activities," including guest speaker seminars, panel meetings and National Council on the Arts meetings. Representative lists of guest speakers are available upon request.

The deadline for the Spring Program (February 7 - May 6, 1977) is November 12, 1976. March 4, 1977 is the deadline for the Summer Program (June 6 - September 2, 1977) and June 17, 1977 for the Fall (September 19 - December 16, 1977). For further information, contact the Office of Advanced Studies, Extension 7378.

The Rockefeller Foundation Rockefeller Foundation Humanities Fellowships

No. FY77-7

The Rockefeller Foundation has announced a program of awards for 1977-78 to support the production of works of humanistic scholarship intended to illuminate and assess the values of contemporary civilization. The focus will be on the contemporary experience and its dilemmas as well as on long-range, perennial, and universal human concerns.

SCOPE AND ELIGIBILITY

The program welcomes applications from scholars in the traditional humanistic disciplines (literature, history, philosophy, classics, etc.) whose projects are concerned with the illumination of contemporary values. Similar proposals in fields not generally defined as the humanities are also encouraged if their humanistic implications and methodology are made clear. Applicants with interdisciplinary skills and interests are especially welcomed. Awards cannot be made for the completion of graduate or professional studies; nor can proposals for the writing of poetry or fiction be entertained. An applicant may not hold any other major fellowship concurrently, nor postpone an award under this program in order to accept another major fellowship. There is no objection to concurrent sabbatical salaries or small supplementary grants from other sources.

OBJECTIVES

Each fellowship proposal should seek to fulfill one or more of the following objectives.

- The illumination of contemporary social or cultural perplexities.
- The expansion of intercultural communication.
- The search for comparative cultural values in a pluralistic society and world.
- The articulation of a relatively uncharted area of significant human experience.
- The analysis and criticism of present perceptions and institutions of contemporary life.
- The clarification, deepening, or expansion of the historic meaning and tasks of the humanities.
- The exploration of the relevance of the humanities for the individual, society, and human existence.

SUGGESTED RESEARCH AREAS

The following areas of research have been identified as appropriate for these awards. The list is intended only to suggest possibilities and is not meant to be exhaustive.

I. Central Ideas and Concepts in Contemporary Culture.

Examples

New definitions of older concepts: freedom, order, and authority; individualism, loyalty, equality, democracy, patriotism.

Moral and cultural traditions as background for public discourse on contemporary issues.

Challenges to traditional moral and ethical codes arising from new technologies and new economic relationships.

II. The Humanities in an International Context

Examples

Cultural diversity and interdependence.
Cultural pluralism and global technology.
Humanistic culture in traditional and postindustrial societies.

Comparative ethics and values.
Intercommunication of cultural experiences, perceptions, and insights.

III. The Formation and Transformation of Values

Examples

Family, neighborhood, community, and schooling.

Ethnic, regional, and other factors of human ecology.

The nature and impact of bureaucracy, positive and negative.

Evolving roles of women in private and public life.

Class, caste, and minority consciousness.
Diversity and unity in the development of the American identity.

IV. Science, Technology, and Society in the Context of Humanistic Values

Examples

Moral and political values related to the theory and practice of science.

Uses of science in the humanities.

Integration of scientific and humanistic culture; beyond the "two cultures".

Nature and limitations of expertise; the expert and other citizens.

Ethical and social concerns related to technological innovation.

V. The Humanities in the Contemporary Professions: The Examination of Values and Moral Choices

Examples

Dilemmas in bio-ethics.

New concepts in law, jurisprudence, and penology.

Journalism as a humanistic profession; moral problems and choices.

Industry, business, and finance and the quality of life.

Social and political values related to economic theory and practice.

Organized professions and professional organizations.

VI. The Public Role of the Humanities; New Dimensions

Examples

High culture and popular culture.

The humanities and working men and women.

Challenges and problems in education.

Ethnic cultures in a pluralistic society; new sources of creativity.

The deepening of historical studies: the uses of anthropology and sociology, oral history, social history, the history of labor, women, and minorities.

VII. The Humanities and the Media

Examples

The role of the arts in contemporary culture.

Unrealized potentialities of the visual media; representations of the humanities through television, cinema, and photography.

Public and commercial television; television as a social force.

DURATION AND PAYMENT

The fellowships will normally extend for one year. Awards will not be made for fellowship work occupying less time than half a year or for projects limited to one or more summers. It is expected that successful candidates will be able to devote full time to the projects. If the applicant is associated with a tax exempt institution, the grant will ordinarily be made through that institution; successful applicants will be asked to provide a letter from the appropriate administrative officer of such an institution indicating its willingness to administer the grant without overhead charges. The ordinary grant will be of the magnitude of \$10,000 to \$15,000, and in most cases will not exceed \$20,000. Grants may cover the cost of salary, travel, secretarial or research support, or research materials.

PROCEDURES FOR APPLICATION

Although there are no standardized application forms, the procedures described below are to be followed.

First Stage

A candidate must submit three copies of the following: (1) a covering sheet showing name and address, project title, and the institutional affiliation, if any; (2) a description of the project, typed and double-spaced, of approximately 500 words, including a brief statement of his or her qualifications with respect to the proposal and a synopsis of previous relevant work by the researcher or others; (3) a vita and bibliography of publications; and (4) the names and addresses of three persons familiar with his or her work who may be asked to serve as references. An applicant should not include more than one reference from his or her institution and should try to include at least one reference who has already made a significant contribution in the candidate's field or in a field closely related.

Mail to:

Rockefeller Foundation Humanities Fellowships
The Rockefeller Foundation
1133 Avenue of the Americas
New York, New York 10036

Second Stage

Candidates whose projects have been approved in the first stage will be asked to submit seven copies of the fully developed proposal. Each proposal must contain in sufficient detail all information necessary to allow proper evaluation of the scope, purpose, and methodology of the study.

Each proposal must:

- be typed and double-spaced, and should not exceed ten typed pages
- include a covering sheet showing:
 - Rockefeller Foundation Humanities Fellowships
 - the name and institutional affiliation, if any, of the researcher
 - his or her telephone number and social security number
 - the title of the project
 - the total amount sought
 - the duration of the project
- indicate other sources of support for which the applicant has applied and other sources of income during the tenure of the fellowship such as sabbatical salary or other research grants

- contain an itemized budget showing all costs; Salary, travel, secretarial or research support, and research materials, with adequate explanations of key budget items (all salary requests are to be based on salary at time of application; no stipend will be allowable in lieu of summer teaching.)

The Foundation will write directly to the three references indicated on the first-stage application, requesting confidential statements about the project and the applicant's qualifications, and stressing the competitive nature of the awards.

CLOSING DATES AND NOTIFICATION

First-stage proposals must be received by October 1, 1976, second-stage proposals, when requested, by December 15, 1976. Awards will be announced in March 1977.

For further information contact the Office of Advanced Studies, Extension 7378.

The Center for Field Research

No. FY77-8

The Center is a private, non-profit organization established to serve and assist the research community.

The principal goals of the Center are:

- To organize private sponsorship of worthy field research investigations.
- To foster interdisciplinary research projects.
- To promote international cooperation in research.
- To encourage citizen participation in the process of research, and
- To improve public understanding of science.

Eligibility

The Center considers proposals for field research in any recognized academic discipline and invites scholars of all nationalities to apply for support. The Center favors post-doctoral research, giving preference to projects whose staffs include graduate students of the discipline. Both basic and applied research projects are considered. Eligible disciplines include, but are not limited to:

Anthropology	Geography
Archaeology	Geology
Astronomy	Marine Sciences
Biology	Medicine
Botany	Meteorology
Cartography	Musicology
Conservation	Ornithology
Ethology	Restoration
Folklore	Sociology

Proposals must be submitted no later than October 15th for the following summer/fall.

Review of New Proposals

Grants are awarded on the basis of merit and the expected significance of the proposed research. Other criteria include the principal investigator's publication history, teaching experience, contributions to his/her discipline, feasibility of budget, and utilization of non-specialists. Evaluation of participant involvement includes soundness of plans, methods of instruction in research procedures, and use of their skills in field activities.

Renewal Grants

The Center encourages long-term projects. Renewal of funding support is contingent upon successful completion of the previous year's work, receipt of a field report, and submission of a final accounting of project expenses.

Special Considerations

As a private, non-profit agency, the Center is in a position to encourage projects and solicit applications in special areas of interest. Some areas which have received special consideration in the past include:

- Interdisciplinary research programs in the sciences, the arts, and the humanities.
- Projects directed and/or staffed by women and minority professionals.
- International projects under the joint direction of scholars from developing countries.
- Research related to national needs.
- Projects of urgent concern, e.g., protection of endangered species.

Preliminary Proposals

Applicants should first submit a two-page description of their project for preliminary consideration. The description should cover the following points: (a) proposed research, (b) specific objectives, (c) activities planned for non-specialists, (d) staff composition, (e) anticipated budget, and (f) dates in the field. Formal proposals will be encouraged by Center staff, based on this preliminary information.

Formal Proposals

The proposal should be written to serve two purposes: First, it will be reviewed by staff and referees for its content and merit. Second, if the application is accepted, portions of it will be forwarded to contributing participants as a background document to prepare them for working with you in the field. Accordingly, provide sufficient detail throughout so that your project is self-explanatory.

Each proposal should include six principal components: Cover Sheet, Research Plan, Field Logistics, Staff Biographies and Curriculum Vitae, General Information and Budget.

Proposals should be typed double-spaced on 8½x11" paper and submitted in duplicate. Please supply the information requested in the sequential order using the Center's topical headings. Most proposals range from 15 to 20 pages.

The Budget

The amount of your grant will be based on the number of non-specialists who participate with you in the field. Accordingly, your grant is contingent upon public interest and response to notice of your project. In the past, per capita contributions have ranged between \$200 and \$600 for projects of two to four weeks duration. The budget form should be used to detail the breakdown of research expenses. These include the following:

- (a) personnel costs.
- (b) transportation.
- (c) food.
- (d) accommodations.
- (e) freight.
- (f) field equipment.
- (g) tools.
- (h) supplies.
- (i) clerical assistance.
- (j) contingencies.

For further information or application, contact the Office of Advanced Studies, Extension 7378.

U.S. Office of Education Opportunities Abroad for Teachers, 1977-78

No. FY77-9

Opportunities to attend a summer seminar or to teach abroad will be available under the Fulbright-Hays Act for the 1977-78 school year. Elementary and secondary school teachers, college instructors, and assistant professors are eligible to participate in the teacher exchange program. Basic requirements are: U.S. citizenship, a bachelor's degree, three years of teaching experience for one-year positions and two years' experience for seminars. Seminars for current teachers of art, the classics, German, and world or Asian history will be held in 1977.

The application deadline is November 1, 1976.

"Opportunities Abroad for Teachers, 1977-78" and application forms will be available in September and may be obtained by writing to:
Teacher Exchange Section
Division of International Education
U.S. Office of Education
Washington, D.C. 20202

National Science Foundation Directorate for Biological, Behavioral, and Social Sciences (Divisions of Environmental Biology, Behavioral and Neural Sciences, and Social Sciences) Grants for Improving Doctoral Dissertation Research

No. FY77-10

Grants are awarded in support of doctoral dissertation research in the environmental, behavioral, neural and social sciences in order to improve the overall quality of dissertation research in these sciences. The grants allow doctoral candidates opportunities for greater creativity in the gathering and analyzing of data than would otherwise be possible. Proposals are judged on the basis of scientific content, importance, and originality. Dissertation proposals compete for research grant funds with proposals for regular research projects. Awards will be made only when it is clear that the dissertation to be produced will be of the highest scientific merit.

The grants are intended to provide funds for items not normally available from the student's university or other source. Allowable items include travel to specialized facilities or field research locations, sample survey costs, specialized research equipment and services not otherwise available, supplies, microfilms and other forms of unique data, payments to subjects of informants, rental of environmental chambers or other research facilities, and computer time only when not available at the institution. A request for per diem allowance for time away from a home base to conduct research should be carefully justified in terms of living costs in excess of those in the vicinity of the home base.

Funds may not be used as a stipend for the student, for tuition, or for dependents of students. Textbooks and journals cannot be purchased with dissertation research grant funds, and funds may not be used for typing or reproduction of the student's dissertation. In special circumstances and with special justification funds may be requested for research assistants.

WHO MAY SUBMIT

A proposal should be submitted through regular university channels by the dissertation advisor on behalf of a graduate student who is at the point of initiating dissertation research. A proposal may be submitted while the student is completing other requirements for the doctorate. Only students enrolled at U.S. institutions are eligible. Academic departments should limit the applications submitted to outstanding dissertation proposals with unusual financial requirements that cannot be met by the university.

CONTENTS OF THE PROPOSAL

The proposal should have the same format as proposals by faculty members for support of their own research (see Grants for Scientific Research, NSF 73-12). A 200-word abstract of the proposed research, suitable for publication, is required. The main body of the proposal should preferably not exceed 15 double-spaced typewritten pages and should include: (a) a description of the scientific significance of the work and the design of the project in sufficient detail to permit evaluation; (b) a presentation and interpretation of progress to date if the research is already underway; (c) a statement of the items for which funds are requested and their estimated costs with an explanation of their necessity for the research; and (d) a schedule for the research including the date funds will be required.

Biographical data should be appended for the student and for the dissertation advisor, including educational background, training, and experience directly relevant to the dissertation, together with a list of other financial aid received, applied for, or anticipated during the award period. Transcripts are not required, but lists of relevant courses and grades may be included. Statements from faculty members or other references concerning the student are optional. If survey questionnaires or interviews are to be used, the application should contain a copy of the questionnaire if available, or sample questions, and information on who will conduct the interviews.

SUBMISSION PROCEDURES AND GRANT ADMINISTRATORS

Proposals should be submitted by the university to the Central Processing Section, National Science Foundation, Washington, D.C. 20550. Six copies of doctoral dissertation research proposals are necessary, one of which should be signed by the student, the dissertation advisor, the department chairman, and an official authorized to sign for the university. No special forms are needed, but each copy of the proposal should have a cover sheet containing relevant identifying information. Proposals may be submitted at any time. Up to six months should be allowed for normal processing. The Foundation's decision will be announced as promptly as possible.

Awards will be made to the institution with the student's dissertation advisor designated as "project director." Grants will be awarded for periods up to 24 months. The grant is to be administered in accordance with the applicable policies and procedures contained in the NSF Grant Administration Manual (NSF73-26). Grants for Scientific Research (NSF73-12) summarizes the salient provisions of interest to the project director and to the student. A final technical letter report (in the general format of Appendix IV to NSF73-12) and a final fiscal report are required within 90 days after the expiration of the grant. A copy of the dissertation abstract or other publication

deriving from it may be submitted as the description of research and results. NSF does not reimburse grantee institutions for the indirect costs associated with doctoral dissertation research and considers this as satisfaction of the cost-sharing requirement.

The Harry S. Truman Library Institute The Tom L. Evans Research Grant

No. FY77-11

The Tom L. Evans Research Grant is named for the late Tom L. Evans, first treasurer of the Institute. The grant is awarded to a postdoctoral scholar each academic year in the amount of \$10,000. Applications should be mailed to the Secretary of the Institute by February of the preceding academic year.

Application forms may be obtained from the following:

Secretary of the Harry S. Truman Library
Institute
Independence, Missouri 64050

For further information contact the Office of Advanced Studies, Extension 7378.

The Crane-Rogers Foundation Institute of Current World Affairs

No. FY77-12

The Institute of Current World Affairs provides opportunities and financial assistance to a few persons of high character and unusual promise to enable them to observe and study at first hand particular foreign areas or problem areas of contemporary significance. The Institute has held to its initial forward-looking experimental approach, scanning the frontiers of man's progress and trying to understand and interpret the rush of new ideas, problems, and conditions which crowd every phase of modern life. In particular, it has tried to learn how best to enable an individual to acquire a thorough-going and balanced knowledge of his or her chosen area and how to communicate this knowledge effectively.

With this end in view, the Institute has given fellowships, normally one or two a year, to men and women of varied academic and professional backgrounds and of widely different personalities. Fellowships are not awarded to support work toward academic degrees, not to underwrite specific studies or programs of research as such. Usually in their twenties or early thirties at the time of appointment, the fellows have gone on to spend two to four years or more in their chosen areas.

The Institute provides full support, requiring in return only that they write periodic newsletters to the Director. These are duplicated and circulated privately to friends of the fellow and to persons in education, business, government, and the professions who are interested in the subject of the inquiry.

Some areas of interest of fellows since 1926 include Adriatic Europe, Agriculture in Latin America, Arab States, Argentina, Austria, Bolivia, Brazil, Central Europe, Chile, China, Chinese Law, Japan, Japanese Law, Law and Psychology, North Africa, North American Indians, Science and Development, Social and Economic Change in the U.S. and Europe, Soviet Law, Soviet Union, Spain, Turkey, Youth in Europe, and so on.

For further information contact the Office of Advanced Studies, Extension 7378.

The Tinker Foundation Tinker Post-Doctoral Fellowship Program

No. FY77-13

Purpose:

The Tinker Post-Doctoral Fellowships are offered on the basis of an annual competition. Their purpose is to further understanding among the peoples of the United States and Latin America by providing professionals interested in Ibero-American Studies with an opportunity to do research in the social sciences, combining a candidate's area of specialization with any other field of study. The principal objective is to foster intellectual growth by carrying out an independent interdisciplinary research project; it may not be used primarily for training or retraining purposes or for work in direct continuation of a candidate's dissertation.

Candidates are required to select a senior consultant representing the second discipline in which they will be working and to affiliate themselves for the duration of the fellowship with an institution other than their home university.

Closing Date:

January 15th of the year in which the fellowship will be held. Applicants will be informed of the results of the competition approximately four months after that date.

Eligible Candidates:

The fellowships are intended to meet the needs of scholars and researchers who have completed their doctoral studies within six years prior to the time of application. Applicants need not hold a Ph.D. or equivalent degree at the time of application, but their doctoral thesis must have been approved by the dissertation committee by June 1st of the year in which the fellowship will be held.

How to Apply:

By January 15th the candidate must submit three copies of the typewritten application. The candidate is expected to present a full description of the project, giving particular attention to research design and methodology, including an abstract. It should not exceed eight pages. A curriculum vitae, specifying the candidate's dissertation topic, as well as a bibliography of up to two pages covering research related to the current project, should also be submitted. The application must be accompanied by letters of acceptance from the respective department chairman of the institution of affiliation and the selected senior consultant. Applicants must arrange for one letter of recommendation to be sent directly to the Foundation by February 1st of the same year in which the fellowship will be held.

Value:

Annual stipend of \$14,000 and up to \$1,000 for travel expenses for the award holder.

Tenure:

The foundation will consider projects for up to two years. A full report of activities must accompany requests for support for the second year, which will be contingent upon evidence of satisfactory progress.

The Rockefeller Foundation Conflict in International Relations Fellowships

No. FY77-14

Scope and Objectives

1. To identify and assess the critical and emerging issues which are likely to shape the international community in the decade ahead. Four types of issues will receive special emphasis:

- The development of a more viable world economy responsive to the growing need to redress the global disparities of wealth and income; the depletion of scarce resources; the intensifying competition to protect access to external supplies; the diffusion of power among states and transnational corporate actors; and changes in international capital markets;

- The quest for arms control in a multipolar world where progress toward the establishment of quantitative limits can become dangerously undermined by technological advances; where the traditional categories for defining weapons in arms control negotiations - strategic/tactical, nuclear/conventional - are increasingly inadequate; and where nuclear proliferation and the burgeoning world trade in military equipment threaten international peace and security;

- The need for effective international arrangements in order to reduce the risks of conflict arising from instability of the food-population-climate equation; and

- The possibilities for reducing international tension in specific conflict situations, bilateral and multilateral, where carefully designed research projects promise new insights.

2. To encourage fresh thinking about sources of conflict in an interdependent world and the capabilities of contemporary societies for coping with emerging conflict. Research and analysis that serve this objective would include:

- Examination of the changing relationship between domestic and foreign policies in an international system attempting to respond to interdependence.

- Consideration of measures for the strengthening of international institutions and/or the creation of new arrangements (including early warning and fact-finding systems) that could affect the anticipation, management, and resolution of international conflict, and

- Analyses of alternative means of terminating or de-escalating destructive conflict by promoting peaceful change.

3. To help develop the additional expertise in the above areas needed to improve policymaking and to better inform the public through the dissemination of materials of use to opinion leaders and in teaching programs.

Duration and Payment

Fellowships are usually awarded for a one-year period. Grants do not normally exceed \$30,000 and most are well below that figure. Covered are maintenance, travel, and other approved costs. The fellowship period may include special training and experience through participation in the work of another national or international institution.

Eligibility

While there are no specific eligibility criteria, previous experience or a demonstrated research ability - normally a Ph.D. plus publications - in areas related to the focus of the fellowship program is likely to be minimally necessary. Special consideration will also be given to applicants with relevant practical work experience in the conduct of international relations.

Procedure for Application

Write to:

Conflict in International Relations
Fellowships
The Rockefeller Foundation
1133 Avenue of the Americas
New York, New York 10036

Telephone: (212) 869-8500

The application should include:

- Scope, purpose and methodology of the proposed project in approximately 10 pages, plus a one-page abstract.
- Curriculum vitae.
- Copies of articles and other materials bearing directly on qualifications for the work projected.
- Three letters of reference which should be sent directly to the Foundation.
- Budget.
- Starting date and period of time proposed for the project.
- Name of the institution which would administer the grant.
- Location(s) at which the project would be undertaken.

Closing Dates

The Fellowship Advisory Committee meets twice each year, in January and in June. Deadlines for submission are December 1 and May 1, respectively.

National Science Foundation United States-France Exchange of Students

No. FY77-15

In furtherance of a decision by the governments of France and the United States of America to develop scientific and technical cooperation, a program for exchange of young scientists is jointly sponsored and administered by the National Science Foundation of the United States and the National Center for Scientific Research of France. Exchange awards are made for study or work in the mathematical, physical, chemical, engineering, biological and social sciences including economics. Awards will not be made in the medical sciences or in education or business fields.

Eligible individuals are citizens or nationals of the United States and France who will have earned in the science areas designated in the preceding paragraph a doctoral degree or its equivalent, not more than 5 years prior to the commencement of the exchange visit. Foreign nationals in the United States with permanent resident status are not eligible to apply for awards under this program.

Eligible institutions are, for French candidates, any appropriate nonprofit United States institution, and, for American candidates, any appropriate nonprofit French institution. Appropriate nonprofit institutions in this program will be institutions of higher education; government research institutes, laboratories or centers; and privately sponsored nonprofit institutes.

The period of the exchange visit should be between 5 and 15 months. Shorter or longer visits, or extensions of time, may be approved upon adequate justification when recommended by the host institution.

The closing date for the submission of application is November 1, 1976.

Smithsonian Institution Foreign Currency Grants Program

No. FY77-16

The Smithsonian Foreign Currency Program, a National Research Grants Program, offers opportunities for support of research in Burma, Guinea, India, Pakistan, Poland (through 1976), and Egypt in the following disciplines:

- Archaeology and related disciplines (including Anthropology)
- Systematic and Environmental Biology
- Astrophysics and Earth Sciences
- Museum Programs

The Program's appropriation for fiscal year 1977 totals \$2,500,000 equivalent in the currencies of the above-listed countries. Grants in those currencies are awarded to American institutions for the research of senior scientists. Collaborative programs involving host country institutions are welcome and frequently required. Awards are determined on the basis of competitive scientific review.

Deadline:

The deadline for submission is November 1 annually

For further information write:

The Foreign Currency Program
Office of International Programs
Smithsonian Institution
Washington, D.C. 20560

Current Publications And Other Scholarly Works

The list below includes works completed in Academic Year 1975-76 and not previously reported to the Notre Dame Report.

ARTS AND LETTERS HUMANISTIC AND SOCIAL STUDIES

American Studies

- Schlereth, Thomas J.
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- J.F. Flanigan, CSC. 1976. 12 epoxy/wood crucifixes. Sacred Heart Church, Notre Dame, Indiana.

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M.M. Geoffrion. 1975. 2 sculptures (fibers and ceramic). Group Show, Art Gallery, University of Notre Dame, Notre Dame, Indiana.

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M.M. Geoffrion. 1975. 15 mono-prints. Print Sale, Boulder, Colorado.

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Kinsey, Douglas

D. Kinsey. 1975. 19 oil paintings. One-man Exhibition, Humanities Center Gallery, Wabash College, Crawfordsville, Indiana.

D. Kinsey. 1975. 3 oil paintings. Notre Dame Faculty Show, Art Gallery, University of Notre Dame, Notre Dame, Indiana.

D. Kinsey. 1976. 16 oil paintings. One-man Exhibition, Washington Gallery, Frankfort, Indiana.

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D. Kinsey. 1976. 1 oil painted screen; 1 oil painting. Tri-Kappa Regional Artists Competitive Exhibition, Fort Wayne Museum of Art, Fort Wayne, Indiana.

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A.J. Lauck, CSC. 1975. Incised limestone prayer monolith. Moreau Seminary Garden, Notre Dame, Indiana.

A.J. Lauck, CSC. 1975. 2 stoneware prayer monoliths. Notre Dame Faculty Show, Art Gallery, University of Notre Dame, Notre Dame, Indiana.

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D.G. Vogl. 1976. 30 spray drawings with watercolor added. One-man Show. University of West Virginia, Morgantown, West Virginia.

D.G. Vogl. 1976. Nirvana (acrylic); Walden Pond (spray paint and watercolor). 9th Biennial Michiana Regional Art Competition, South Bend Art Center, South Bend, Indiana.

D.G. Vogl. 1976. 1,2,3,4,5 (acrylic on Belgian linen). Art 500, Indianapolis Art League, Indianapolis, Indiana.

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Monthly Summary

Awards Received

IN THE MONTH OF JULY, 1976

Department or Office	Principal	Short title	Sponsor	Dollars Months
RESEARCH				
Chem. Eng., Metall. Eng.	Carberry Kuczynski	Polymetallic supported clus- ters in oxidation catalysis	Natl. Sci. Fdn.	49,800 24
Mathematics	Taylor	Algebraic and geometric topology	Natl. Sci. Fdn.	11,200 -
Electrical Eng.	Cohn	Optimum noiseless source codes for fixed dictionary	Natl. Sci. Fdn.	47,000 24
Biology	Olson	Respiration and ion regulation by the gills of fish	Natl. Sci. Fdn.	33,700 18
Sociology Anthropology	Samora	U.S. - Mexico border problems	Ford Fdn.	6,700 3
Aeros. Mech. Eng.	Biles	Experimentation, optimization with multiple-response models	U.S. Navy	27,997 12
Microbiology- Lobund Lab.	Wostmann, Webb, Pleasants,	Role of enteric antigen in age- related immune changes	Natl. Inst. Health	84,043 11
Aeros. Mech. Eng.	Brach, Yang, Szewczyk	Restricted grant-in-aid for research	Wheelabrator- Frye, Inc.	23,230 -
Chemistry	Martinez- Carrion	Probes of structure and mechan- isms of heart enzymes	Natl. Inst. Health	25,000 12
FACILITIES AND EQUIPMENT				
Chemical Eng.	Wolf	Selectivity, activity of single crystals and supported catalysts	American Chem. Soc.	9,000 36
EDUCATIONAL PROGRAMS				
Biology	Weinstein	Experimental parasitology and vector biology	Natl. Inst. Health	77,775 12
Civil Eng.	Ketchum, Theis, Irvine, Sturm	Training for women to enter programs in environmental health	Natl. Sci. Fdn.	79,923 24
Art	Geoffrion	Women artists in residence	Natl. Endow. Arts	805 .75
Management	Bella	Jesse Jones professorship in management	Houston Endow.	50,000 9
SERVICE PROGRAMS				
Center Human Devel.	Dwyer	Needs assessment program		25,310 -
Management	Yeandel	Small business institute	Small Business Admin.	5,000 12

Proposals Submitted

IN THE MONTH OF JULY, 1976

Department or Office	Principal	Short title	Sponsor	Dollars Months
RESEARCH				
Electrical Eng.	Henry	A portable braille recording and playback system	Library Congress	22,375 12
Physics	*Biswas, et al.	Research in high energy ele- mentary part. physics	Natl. Sci. Fdn.	307,900 12
Biology	Craig	Genetics and reproductive bio- logy of Aedes mosquitoes	Natl. Inst. Health	126,913 12
Microbiology- Lobund Lab.	Wagner	Development of immunity to cariogenic strep. in rats	Natl. Inst. Health	22,866 6
Biology	Saz	Intermediary metabolism of helminths	Natl. Inst. Health	91,158 12
Chemical Eng.	Strieder	Transport in heterogeneous and porous media-thermal conduction	Natl. Sci. Fdn.	74,441 24
Aeros. Mech. Eng.	Nee	A differential field theory of turbulent heat transfer	Natl. Sci. Fdn.	79,506 24
Microbiology- Lobund Lab.	Wostmann, Pleasant	Characterization of nutri- tionally defined gnotobiot	Natl. Inst. Health	13,136 2
Metallurgical Eng.	Fiore	Ultrasonic testing of austenitic stainless steel weldments	Welding Res. Council	2,500 12
FACILITIES AND EQUIPMENT				
Chemistry	Nowak	NMR studies of metals in kinases and related enzymes	Natl. Inst. Health	19,500 12
EDUCATIONAL PROGRAMS				
English	McDonald	The boundaries of literature	Natl. Endow. Human.	73,834 12
Center Study Man	Moore, DaSilva	Research on human subjects: Ethics and science	Ind. Comm. Human.	20,030 4.5

*Biswas, Cason, Kenney, Shephard, and Rey

Summary of Awards Received and Proposals Submitted

IN THE MONTH OF JULY, 1976

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	3	\$ 42,900	6	\$ 265,770	9	\$ 308,670
Facilities and Equipment	-	---	1	9,000	1	9,000
Educational Programs	1	50,000	3	158,503	4	208,503
Service Programs	1	5,000	2	25,310	3	30,310
Total	5	\$ 97,900	12	\$ 458,583	17	\$ 556,483

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	4	\$ 528,471	5	\$ 212,324	9	\$ 740,795
Facilities and Equipment	1	19,500	-	---	1	19,500
Educational Programs	-	---	2	93,864	2	93,864
Service Programs	-	---	-	---	-	---
Total	5	\$ 547,971	7	\$ 306,188	12	\$ 854,159

Monthly Summary

Awards Received

IN THE MONTH OF AUGUST, 1976

Department or Office	Principal	Short title	Sponsor	Dollars Months
RESEARCH				
Civil Eng.	Theis, Irvine, Greene, Ross	Evaluation of eutrophic lake reclamation	Environ. Prot. Agency	70,000 12
Physics	Browne, Chagnon, Darden, Funk, Mihelich, Miller	Nuclear structure research	Natl. Sci. Fdtn.	220,000 7
Biology	Saz	Chemotherapy and metabolism of filariids	Natl. Inst. Health	31,776 12
Chemistry	Martinez-Carrion	Isozymes of heart glutamate aspartate transaminase	Natl. Inst. Health	55,440 12
College Engineering	Hogan	Whirlpool Corp. fellowships	Whirlpool Corp.	14,970 12
Microbiology-Lobund Lab.	Wostmann, Pleasants	Characterization of nutritionally defined gnotobiot	Natl. Inst. Health	13,278 2
Chemistry	Nowak	NMR studies of metals in kinases and related enzymes	Natl. Inst. Health	59,817 12
Aerospace Mech. Eng.	Atassi	Unsteady aerodynamic forces on cambered airfoils	U.S. Air Force	36,918 12
Electrical Eng.	Graupe	Simulation, construction, testing of adaptive hearing aid system	Biocommun. Research Corp.	6,300 7
SERVICE PROGRAMS				
Center Human Dev.	Dwyer	Needs Assessment program	---	3,442 -

Proposals Submitted

IN THE MONTH OF AUGUST, 1976

Department or Office	Principal	Short title	Sponsor	Dollars Months
RESEARCH				
Aerospace Mech. Eng.	Lloyd, Yang	Radiation-convection inter- actions in heat transfer	Natl. Sci. Fdn.	76,498 24
Accountancy	Milani	A survey of taxpayer awareness of federal income	Private fdtn.	59,106 20
Aerospace Mech. Eng.	Ariman	Optimization of energy consump- tion in fabric filtration	Energy Res. Develop. Admin.	87,300 24
Electrical Eng.	Graupe	Simulation and testing of adaptive hearing aid system	Biocommun. Res. Corp.	6,300 7
Microbiology- Lobund Lab.	Pollard	Evaluation of microbial steri- lizing effects of ozone	Telecomm. Ind., Inc.	30,000 12
Chem. Eng., Metal. Eng.	Carberry, Varma, Kuczynski	Catalytic reactor design engi- neering	Ford Motor Co.	349,850 36
Aerospace Mech. Eng.	Roberts	Improved models for loss in axial compressors	Natl. Aero. Space Admin.	18,312 9
EDUCATIONAL PROGRAMS				
College Engineering	Peretti	Program to increase number of women in engineering	Corning Glass Works Fdn.	9,339 10
Chemical Eng.	Carberry, Varma	Innovation in education in chemistry - chemical engineering	Dreyfus Fdn.	29,750 12
Aerospace Mech. Eng.	Daschbach	Modern day management problems/ solutions conference	Private fdtn.	10,000 3 days
Theology	Williams	Developing hispano ministry studies	Lilly Endow., Inc.	80,424 24
Aerospace Mech. Eng.	Daschbach	Introduction to materials hand- ling - a videotape production	Material Handling Inst.	27,967 10
Psychology	Borkowski	Undergraduate research partici- pation - Psychology	Natl. Sci. Fdn.	12,937 2.5
College Engineering	Cohn	Introducing minority students to Engineering through computer prog.	CIC & MPME	78,914 12
Economics	Wilber	Undergraduate research partici- pation - Economics	Natl. Sci. Fdn.	17,160 7
Psychology	Banikiotes	Community mental health and aging	Natl. Inst. Health	87,809 12
Chemistry	Scheidt	Undergraduate research partici- pation - Chemistry	Natl. Sci. Fdn.	17,060 3
Aerospace Mech. Eng.	Yang	Undergraduate research partici- pation - Aeros. Mech.	Natl. Sci. Fdn.	15,480 15
Aerospace Mech. Eng.	Lucey	Workshop in electric power generation	Energy Res. Develop. Admin.	15,095 12

Summary of Awards Received and Proposals Submitted

IN THE MONTH OF AUGUST, 1976

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	7	\$ 488,921	2	\$ 19,578	9	\$ 508,499
Facilities and Equipment	-	--	-	--	-	--
Educational Programs	-	--	-	--	-	--
Service Programs	-	--	11	3,442	11	3,442
Total	7	\$ 488,921	13	\$ 23,020	20	\$ 511,941

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	1	\$ 30,000	6	\$ 597,366	7	\$ 627,366
Facilities and Equipment	-	--	-	--	-	--
Educational Programs	3	109,489	9	292,446	12	401,935
Service Programs	-	--	-	--	-	--
Total	4	\$ 139,489	15	\$ 889,812	19	\$1,029,301

Closing Dates for Selected Sponsored Programs

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

Agency	Programs	Application Closing Dates
Center for Hellenic Studies	Fellowships	October 31, 1976
Folger Shakespeare Library	Folger Library Fellowships	October 15, 1976
Institute for Advanced Study	School of Historical Study and School of Social Sciences	October 15, 1976
International Research and Exchanges Board	Grants for Collaborative Projects	October 31, 1976
McDowell Colony	Residence Fellowships	October 15, 1976
National Endowment for the Humanities	Summer Stipends	October 18, 1976

documentation

Summer Session Commencement Address

We have endured together; and so I can greet you as "friends" even if we have not before now met. So: Friends in Notre Dame, greetings and congratulations!

Congratulations, first of all, on having endured. "When the last ding-dong of doom has clanged and faded from the last worthless rock hanging tideless in the last dead and dying evening...even then there will still be one more sound: man's puny inexhaustible voice, still talking...I believe man will not merely endure: he will prevail."

And so congratulations, second of all, as William Faulkner would have it, not only on having endured, but on having prevailed.

A commencement is a sign of having endured; more, of finally having prevailed, for it is not only an ending, it is a beginning. A commencement is a conclusion before it transfigures into a commencement. Its sign is the most beautiful shape of all, the circle. You have just closed one thing and by that very fact have begun another; and yet what we celebrate is neither the beginning nor the ending solely, but rather the continuation. Today is a closing ceremony, which we call a commencement, marking the fact that we continue, that we have not only endured, but prevailed.

I was reminded of Faulkner's Nobel acceptance speech because endurance does seem to me a major virtue--a magnificent accomplishment--as I write this, exhausted, the day after I have taught my final class in the summer of 1976; and I'm sure that endurance must seem a major virtue to you, as you hear this, exhausted, the day after you have taken your final examinations in the summer of 1976. But maybe we have proven ourselves inexhaustible. We have endured together seven hot and intense weeks, for, oh, so many years. We summer students and summer teachers are a special endurable breed. Think of what we have done. We have not studied in leisure, but in intensity. The Notre Dame summer scene! We have not only pushed brain to the limit of human endurance--that Jim McKay phrase jumps easily to mind after last week. There is something Olympian about our endurance. We have developed leg muscles from quick 400 meter sprints trying vainly to avoid the unstoppable sprinklers. We have been continuous tour guides and information booths to little girls with spangles on their bottoms and to big girls with YWCA badges on their bosoms. We have dodged ascending batons and descending Holy Spirits. We have tried to hurtle Watchtowers and Holiday Ramblers, as we moved about in our special village: the Pit, the Huddle, the dorm, the 10:45, the library, the classroom, the lab, and Shula's. We have had our liturgies and lethargies. And yet we read and wrote and laughed and cried and talked--our puny inexhaustible voices, still talking. We prevailed. Now it's over. But it isn't: it's a commencement. Now we are Notre Dame alumni instead of students. And more special even than that. We are Notre Dame's summer people. We've endured and prevailed at special sacrifices, with special memories. We have won special medals, for more years, in more heat, under more pressure, physical and psychological, over a period of more changes (the changing habits--in more ways than one--the heady inter-communities of orders and congregations, of nuns, brothers, priests, townies, undergrads, M.A.'s, Ph.D.'s, jocks, co-eds, faculty kids, visitors, auditors, principals, superintendents, teachers, flunkies, and brains.) And we've done it! Out of that mixture came something precious and entire and whole. Something as complete as a circle. It's so much more than a degree that you take away with you from Notre Dame today. Our memories, our minds, our sensibilities, are so much richer than those mere new letters after our names. It's memories of people, of ideas, of summer days and summer nights. It's memories climaxing in this special year, of 1976, the year of your ceremonial commencement, the year of our country's ceremonial continuation.

In his bicentennial address in Philadelphia, Father Hesburgh reminded us that 1976--the year of your commencement--is not only the 200th anniversary of America's commencement, but the 1500th anniversary of the Fall of the Roman Empire. There's a memory of important endings and beginnings for you! An inspiration and a warning. Father Hesburgh went on to remind us that the ending of the Roman Empire was caused largely by its loss of the virtues and values that once made it great. "We Americans must ponder this event in our own perspective," he insisted. "Becoming rich in body, we have in many areas of our national and personal lives become poor in spirit, lax in integrity, forgetful of the central fact that freedom and justice must be regained, re-established, and rewon every day. The one lesson we should learn today," Notre Dame's President told all of America, in the summer of 1976, "is that freedom and justice are not dead ashes to be revered, but a living flame to be fed by our continual dedication and effort. Each day, each one of us is present at the creation of America, because America, our America, is being created anew by each one of us, each day."

I remind you of Father Hesburgh's reminder to all of us because his call to be created anew is what I have been meaning by commencement, by endings turning into beginnings, by endurance turning into prevailing. And his call to be created anew is also what our liturgy told us this morning, and of what Father Kerby so eloquently reminded us. Has this special place in some way been your Mount Tabor? Have we all here participated in some way in a vision, even in a transfiguration? If so, after we have ascended Mount Tabor, we must descend from the mountain--it is time--and walk in the market place, where woman-and-man-scholar belongs, where visions can be transfigured into dreams, and where we walk right into transfigured reality.

Summer commencement in 1976 America, at Notre Dame.

1976 America: A call for renewal and rededication to what America has meant and to the dream of what it can mean.

1976 Notre Dame: A call for renewal and rededication to what Notre Dame has meant and to the dream of what it can mean.

And summer commencement: an ending, a beginning, a continuation.

And summer: a time no longer of beginnings, but of maturity, the season of full bloom, of ripeness. A time to prepare for endings, to exult in continuation, to renew beginnings. At the top of the circle, descending so as to ascend again, ending so as to begin.

Happy summer!

Donald P. Costello, professor of English
August 6, 1976

Homily at Close of Summer Session

(The following homily was delivered by Rev. Robert Kerby at Sacred Heart Church, August 6, at the close of the Notre Dame Summer Session.)

Your young men shall see visions, and your old men shall dream dreams.

Today, the Church commemorates a vision of the glorified Lord Jesus witnessed by three young men, Peter, James, and John. And the Church also celebrates a wondrous gift bestowed upon these three young men, and upon each one of us, by the same transfigured Lord.

The vision which we commemorate, and the gift which we celebrate, are not identical: the vision itself is not our Lord's great gift. Of course, the three young men, being as blind as any of us are, and understanding as little of God's ineffable ways as any of us do, thought that nothing more exquisite than such a vision could be given to them. They thought that the vision must exhaust God's beneficence, and that He could do no more than to show them his son's glory. Hence they were eager to abide in rapture, eager to remain at the edge of the light emanating from the Lord's countenance, content with what they could perceive. They were ready to bask in Jesus' radiance for the remainder of their lives, and quite prepared to abandon themselves to passive contemplation of their transfigured Lord.

If the vision of Jesus transfigured were itself the culmination of God's revelation, then such a vision would indeed be the greatest gift which God could bestow. And if such a vision were God's greatest gift, then the fishermen, and each of us, could expect nothing more. Perfect fulfillment as human beings would be achieved by encountering the terminal vision, by hearing that Jesus is the son of God and perceiving the fact of Jesus' triumph over death. There would be nothing more to hope for, and nothing more to do. Like the fishermen, entranced by the vision, we should be content to possess the vision, and to remain possessed by it.

Other saviors offer terminal visions to us, the petty little tinhorn gods which men commonly fashion for themselves. Since they can give us nothing better, these other saviors seem always prepared to bestow some kind of cheap vision upon us.

Some describe wonderful utopias which will be vouchsafed one day, by and by, and incite us to yearn for their promised new orders. Others assure us that human nature is changeable and perfectable, and that all of civilization's ills will be cured once the human condition is changed. Still others, especially those who advertise their visions on television, assert that an abundance of consumer goods and services, sufficient to satisfy every secret longing in the bosom of every Mary Hartman in the land, will bring fulfillment through luxurious comfort. And still others, the self-appointed philosopher-kings and the grand inquisitors of this age, the right-thinking functionaries and charismatic spokesmen of every elitist persuasion, insist that salvation is to be found only by surrendering responsibility to them, and by conceding all authority to them, because they alone know what is good for us.

The trouble with all these competing man-made visions is that they all threaten to suffocate us, and to rob us of our humanity. The visions which inundate us from every side pretend to promise certainty and security, perfect peace and perfect safety. In return, however, they all ask us to abandon our humane sense of the ambiguous contingency of reality, and therefore ask us to give up our freedom to choose what is real.

None of the petty visions offered by men are themselves real. Classless societies and thousand-year Reichs do not exist. There is no evidence that a new breed of humanity, untouched by original sin, is in the process of supplanting the old. The ennui of absolute and unlimited luxury never seems to quiet an anxious, frantic soul. And dictatorships, however benevolent and paternalistic they may be, invariably incite more violence than they resolve.

Such visions are not real, and there is therefore no real choice between them. To choose any of them is to choose fantasy, and any such choice entails the rejection of reality. These cheap visions all limit our capacity to hope, for they all define what is to be expected, and they all stipulate, with dull clarity and dreary exactitude, precisely what we may anticipate. One way or another, the only resolution promised by any such fantasy is slavery: our enslavement by the state or some other institution; our enslavement by the demands of impossible ideals; our enslavement by our own passions; or our enslavement by those who wish to make slaves of us. Contentment with any such vision presupposes a refusal to be free, and the abandonment of responsibility in favor of moral suicide.

I do not mean to suggest that the vision which we commemorate today was just another fantasy, indistinguishable from all the rest. The vision beheld by the three fishermen on the slope of Mount Tabor was indeed different in quality than the sundry everyday visions advertised for our edification by the multitudes of mankind's other saviors.

For one thing, the vision at Tabor focused upon the glorification of a single person, an obscure carpenter's son, and not upon the apotheosis of institutions, ideas, ideals, or the other man-made abstractions in which run-of-the-mill visionaries perceive all solutions to the world's travail. For another thing, the apparition at Tabor really happened, and was really experienced by ordinary men: it was an event, not a mere promise.

And finally, unlike the other visions which compete for our attention, and which are universally to be sought in some distant future, the revelation at Tabor not only occurred in the past, but occurred just that one time for all, and was then concluded, finished, done. There is something odd about commemorating a vision which will never recur, which we can never expect history to repeat for us, and which we can accept only upon the testimony of three poor Jewish fishermen who died almost two millennia ago. And considering that Peter, the most prominent of the three, was later caught denying any relationship with the person whom he had seen transfigured--denying it not once, but three times--it is also odd that Peter's testimony, at least, only serves to confirm that visions, however sublime, do not necessarily change men very much.

The vision at Tabor, then, was indeed different than most: if nothing else, it was real, it happened. But despite this difference, the reaction of those who beheld the transfiguration was identical to the reactions of countless other visionaries beholding countless other visions. Having once seen the transfiguration, Peter and his companions wanted to see nothing more, to do nothing else, to accomplish no other goal. They wanted only to use their vision as an escape, as a way to evade the responsibility of human activity. And had their vision been granted by anyone other than God, it would have suffocated them, and would have left them desolate.

Fortunately, God knows well how frail and weak the children of Adam are, how fearful we are of reality, and how afraid we are to be human. He knows how urgently we crave refuge in simplistic absolutes, how we long for certainty, for sure knowledge of the divine design, and indeed for final, uncomplicated visions. He knows that, because of our terror of the mystery of life, we predisposed to retreat into any convenient illustrations of predictable security, and that we are inclined to embrace any cheap vision which suggests itself to us. He even knows that a unique vision, a true, reliable, and genuine vision of his transfigured son, would not save us from ourselves, any more than the experience of such a vision saved Peter from being a braggart, a coward, and a liar.

And so God has little use for visions. In the days of his son's public ministry he granted only this one single vision to a few of his son's disciples, doubtless with perfect foreknowledge of the fact that those disciples would be quite unable to apprehend the meaning of the vision they saw. If anything, the vision clouded their sight, paralyzed their initiative, stifled their imaginations, and exhausted their wills to act.

The transfiguration was a holy joke, a humorous interlude of divine laughter designed to show Peter and his companions, and each of us, that true revelation is not just one vision among many, nor even the greatest and most sublime of visions. On the contrary, true revelation is a challenge to pass beyond dependency upon visions, beyond illusions of certainty, beyond all false security, beyond the confinement of sensible perceptions, and into the dark and uncharted realm which lies on the far side of mere vision--the realm of real choice, real freedom, real responsibility, real humanity, and real faith.

The gift which the Church celebrates today is not the fishermen's vision of their transfigured Lord; the Church merely commemorates that event. The gift which we celebrate is God's loving decision to terminate that vision, and his consequent revelation that even the most reliable and genuine vision--the knowledge that Jesus is God's glorified son, and the perception that he contains the fulfillment of all law and all prophesy in himself--is just the beginning, and not the end, of mankind's pilgrimage to God. The gift which we celebrate is Jesus' assurance that we need no longer be fearful of mere visions, or subject to them; and his instruction that we do not even need to speak of them, until all mankind sees his glory. The gift which we celebrate is Jesus' unspoken invitation to the fishermen, and to each of us, to depart with him from the place of vision, to come down from the slope of Mount Tabor with him, to return with him to the society of mankind, to walk in his company in the midst of humanity, and to act among men in his name.

Young men can only see visions, but mature human beings can dream dreams. In a sense, we celebrate today the grace and the power to dream, to dream of possibilities that none can envision, and to dream about wonders that none can foresee. There are no limits to the power to dream, no boundaries, no inhibitions, no constraints; and so there is no reason to fear our dreams. Our dreams reflect and build upon the reality which we experience, transforming that reality by means of images and symbols which reveal for us the meaning to be found in reality; but not even the reality which we experience contains our dreaming, or confines it to certain channels. If we pass beyond mere vision, and accept the responsibility and freedom to be human, and live in a humane fashion in the midst of the world's contingency, then we can dare to dream; and we can dream anything.

In this power to dream lies the key to our own transfiguration. For if we dare to dream, we can dream of a time when not only Jesus will be glorified, but when each of us, and all of us together, will be glorified in him. We can dream of an age in which each of us, and all of us together, will become another Christ, truly the image and likeness of God himself, made over and recreated in the fulness of the stature of the manhood of Christ, without sin, and victorious over death. We can dream of an endless day when God himself will dwell with men, having conversation with us, and taking us to himself as a bridegroom takes his bride. We can dream of an eternity when we shall see clearly, and understand all things, and look upon the countenance of the Father through the eyes of his only son, and abide in the intensity of everlasting love, with frustration, without exhaustion, without limit, and without end.

We can dream of these things, and know that they are all real, more real than any vision we might ever hope to see because like reality, our dreams are never completed, never finished. And by daring to dream them, we shall discover that we can already begin to live our dreams, here and now; that we can already begin to make present in this world some of the new heaven and the new earth, the new creation about which we dream, simply by acting with mature responsibility and with true freedom, by living with genuine humanity and with love. It is no wonder that our father among the saints John Chrysostom, in one of his baptismal homilies, described the Christian simply as one who walks in the marketplace, who walks among men--and is strange!

It is now time for many of us to return to that marketplace, to go down into the cities of men, to face some hard, and perhaps unanticipated realities about our work, our associations, our affairs, and our world, and to do something with the learning we have acquired. What specialties we have studied, what knowledge we have gained, what employment we shall find, and what circumstances will circumscribe and govern our work, differs with each of us. But we all share one thing in common. Each of us departs this place as a trained and certified scholar, summoned in some way to the special ministry of scholarship. Whatever circumstances we encounter, whatever work we do, each of us has been called to be a scholar. Some will teach, some will research, some will administer, some will do other things; but each of us is a scholar; else God would not have brought us together here today.

There are countless ways in which we can evade the responsibility which the ministry of scholarship invites us to exercise. We can pretend that scholarship is value-free, nothing more than the acquisition of knowledge for its own sake, and so rob the pursuit of knowledge of all meaning. Or we can construct marvelous visions of abstract utopias, populated by sinless beings and liberated from the constraints of history, and so delude less clever souls into contemplation of exquisite fantasies. Or we can fool ourselves into believing that our knowledge affords special insight into the ways of God, and so use the power inherent in knowledge to coerce others into conformity. Or we can capitulate to the fear that learning endangers faith, and so inhibit the exercise of our scholarly vocation because of faithless mistrust in the one who calls us into this ministry. We can even pervert true Christian values into instruments of tyranny by imposing them upon others, without affording those others the chance to risk the experience of reality, and the opportunity to discover responsibility, freedom, and humanity for themselves.

The trouble with all these evasions is that they leave no room for doubt. Others may be called upon to announce truths, to proclaim visions, to confirm certainties, to reinforce convictions, and to strengthen commitments to customs, habits, and institutions. But the scholar's role; and the scholar's special grace, is to doubt. It is the scholar's function to doubt whether customs, habits, or institutions best serve mankind's pursuit of truth. It is his special vocation to ask whether the visions which entice us with promises of security do in fact manifest the fullness of true reality, or whether truth must be sought beyond visions, beyond security, and beyond the conventions which we find comfortable. It is his service to be a dreamer, to dream new dreams about new possibilities, and to devise new ways to achieve those dreams. And it is his particular ministry to invite others to accompany him into the uncharted darkness beyond all certainty, into the very heart of the contingency and mystery of reality, where truth is to be discovered, and where faith alone can sustain those who dare to seek the truth.

Having once seen the vision of Jesus glorified, it is time for us to leave behind youthful illusions and youthful perceptions, false securities and deceitful certainties, and to descend with Jesus from the place of visions into the markets and cities of men, in order to walk with him there, and to wonder, and to dream, and to be strange.

Committee Report

The University Committee on Budget Priorities has met throughout the 1975-76 academic year. Much of its effort has been concentrated on gathering information about the budget process, available funds and current budget allocations. It has recently defined its continuing function to be one of making recommendations on future priorities by reviewing past and current budget and generally formulating questions about the University budget and its present priorities. The operational method for fulfilling this function will be that members of the committee other than the University officers will constitute a subcommittee which will hold periodic meetings to decide which budget questions will be explored in greater depth. The questions generated at subcommittee meetings will then be discussed at meetings of the University Committee on Budget Priorities. The subcommittee will welcome suggestions from members of the faculty in regard to matters to be discussed. The University Committee will periodically report to the faculty.

Notre Dame Report Publication Schedule

The following is the publication schedule for Volume 6 of the Notre Dame Report, which will cover the 1976-77 academic year. Please note that all copy deadlines are on Mondays. We suggest that you retain this schedule for future reference.

<u>Number</u>	<u>Deadline Date</u>	<u>Publication Date</u>
1	Sept. 6	Sept. 17
2	Sept. 20	Oct. 1
3	Oct. 4	Oct. 15
4	Oct. 25	Nov. 5
5	Nov. 8	Nov. 19
6	Nov. 22	Dec. 3
7	Dec. 6	Dec. 17
8	Dec. 20	Dec. 31
9	Jan. 10	Jan. 21
10	Jan. 24	Feb. 4
11	Feb. 7	Feb. 18
12	Feb. 21	March 4
13	March 7	March 18
14	March 21	April 1
15	April 11	April 22
16	April 25	May 6
17	May 9	May 20
18	May 23	June 3
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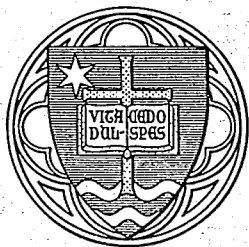
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Teresa A. Castle, Editor
Printing and Publications Office, 415 Administration Building
Notre Dame, Indiana 46556
219:283-1234
