

'77-'78

# notre dame report

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September 16, 1977

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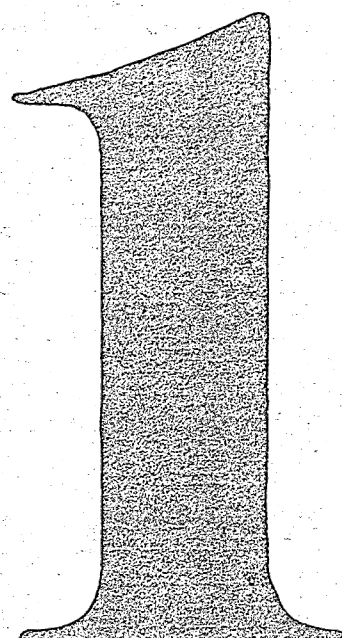
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# the university

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## Provost Resigns

Rev. James T. Burtchaeff, C.S.C., provost of the University since that office was established by the trustees in 1970, has resigned to return to teaching and research in the Department of Theology. His resignation will be submitted to the trustees on October 21, but he relinquished his administrative duties at the beginning of the fall semester. Rev. Ferdinand L. Brown, C.S.C., associate provost since 1970, has been appointed acting provost by University President Rev. Theodore M. Hesburgh, C.S.C.

Father Burtchaeff returns to the department he joined in 1966 after receiving his Ph.D. in Divinity from Cambridge University in England. He chaired theology from 1968 to his appointment as provost. While provost, he continued to teach and to write, primarily in areas of biblical ethics and sacramental theology.

To advise the president in bringing in nominations for a permanent successor to Father Burtchaeff to the trustees, a committee will be formed as called for in the Academic Manual at the first meeting this fall of the Academic Council.

(See "Documentation" for the text of Father Hesburgh's statement on Father Burtchaeff's service.)

## The Campaign for Notre Dame

John T. Ryan and Mrs. Ernestine M. Raclin, University trustees and cochairmen of the \$130 million Campaign for Notre Dame, announced July 20 that gifts and commitments total \$66,250,080, representing 51 per cent of the goal. A total of 21,150 donations have been received so far from individuals, foundations, corporations and estates.

## Lilly Endowment Faculty Open Fellowships

Application for the 1978-79 Lilly Foundation Faculty Open Fellowships are available in the Office of Advanced Studies, Administration Building, and must be returned by November 1. A minimum of 10 fellowships will be offered for the coming academic year and the maximum for a single award is \$20,000.

The Lilly Fellowship seeks to locate teacher/scholars in mid-career who seek a break from academic routine with the hope that it will mean an opportunity to test or apply theory in "real life" settings; for others, it may mean a period of reading and reflection on the overall enterprise of teaching and curriculum building. James O. Bellis, associate professor of sociology and anthropology, received a Lilly Open Fellowship for 1976-77; Donald C. Sniogowski, associate professor of English, has such a fellowship for 1977-78 and is presently on leave from the University.

## SUVON Service

The State Universities Voice Network (SUVON) is a telephone service that permits Notre Dame faculty and staff to call local numbers on university business in most cities having college campus without paying for toll calls. The instructions for this system are printed in the Notre Dame-Saint Mary's Telephone Directory. There will be an audio-visual presentation on campus during the first two weeks of October to explain the system. If you have any questions call the Office of Educational Media, 1829.

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## Staff Holiday Schedule

Thurs., Nov. 24, 1977  
Fri., Nov. 25, 1977  
Fri., Dec. 23, 1977

Mon., Dec. 26, 1977  
Tues., Dec. 27, 1977

Mon., Jan. 2, 1978

Thanksgiving Day  
Day after Thanksgiving  
Christmas Eve Observance  
(Compensating holiday  
due to work on Labor  
Day)  
Christmas Day Observance  
Day after Christmas  
Day Observance  
New Year's Day  
Observance

## NBA Basketball

The Cleveland Cavaliers will meet the Buffalo Braves Friday, September 30 at 8:30 p.m. in the ACC arena. Ex-Notre Dame player John Schumate plays for the Braves and Austin Carr and Gary Brokaw play for the Cavaliers. Tickets are \$6 platform chairs and loge; \$5 lower arena; \$4 bleachers.

## New Church Pipe Organ

The 1880 pipe organ in Sacred Heart Church, recently dismantled and shipped to a church in New York, is being replaced by new gallery and chancel organs, a gift of Mr. and Mrs. Charles F. O'Malley of Woodside, Calif. The choir loft will also be expanded to accomodate the increasing number of students participating in choral groups. The installation should be complete in 1978 and dedicated next April.

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# faculty notes

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## Appointments

The new officers and committee chairmen of the Notre Dame Chapter of the American Association of University Professors are:

President Thomas Shaffer, professor of law  
Vice President Michael Francis, professor of government and international studies  
Treasurer Dolores Miller, assistant professor of psychology  
Secretary Wendy Carlton, assistant professor of sociology  
Nicholas Fiore, professor of Metallurgical Engineering, Committee A (Academic Freedom and Tenure)  
Thomas Swartz, associate professor of economics, Committee N (Representation of Economic and Professional Interests)

Gerald Jones, professor of physics, Committee T (College and University Government)  
Sophie Korczyk, assistant professor of finance, Committee W (Status of Women in the Academic Profession)  
James Robinson, professor of English, Immediate Past President

Rev. Ferdinand L. Brown, C.S.C., associate provost since 1970, has been appointed acting provost by Rev. Theodore M. Hesburgh, C.S.C., president of the University. Sister John Miriam Jones, S.C., assistant provost, and William M. Burke, assistant to the provost, will continue in their positions.

Maj. Danny D. Curtis, assistant professor of military science, has been appointed Executive Officer of the Department of Military Science effective August 1.

Lt. Col. Henry J. Gordon, professor of military science, has been appointed chairman of the Military Science Department effective July 1.

Rev. Michael J. Heppen, C.S.C., has been appointed Director of Student Accounts, effective July 1.

Ronald R. Parent, director of printing and publications and editor of Notre Dame Magazine, has been named full-time editor of the magazine by James W. Frick, vice president for public relations and development. Carl Magel, associate director of printing and publications, has been named director.

Joseph R. Pozsgai has been named Director, Current Funds-Restricted Accounting, effective June 13.

## Honors

Joseph P. Bauer and James H. Seckinger, associate professors of law, were named co-winners of the "Teacher of the Year" award by the Law School Class of 1977.

Thomas P. Bergin, dean of the Center for Continuing Education, has been asked to serve as Chairman of the National University Extension Association Visitation Committee.

John T. Cacioppo, assistant professor of psychology, won the Ohio State University Alumni Award for Graduate Student Research and Creative Achievement in May, 1977.

James J. Carberry, professor of chemical engineering, has been named the Sir Winston Churchill Fellow at Churchill College, Cambridge University, England, from January to June, 1979.

Jay P. Dolan, associate professor of history, has been appointed to the publications committee of the Immigration History Society.

Alan Dowty, associate professor of government and international studies, was elected to the National Executive Committee of American Professors for Peace in the Middle East (APPME) at its annual meeting in New York on June 12. He also was asked to serve on Jewish Community Relations Council in St. Joseph County.

A.L. Gabriel, director of the Frank M. Folsom Ambrosiana Microfilm and Photographic Collection, has been elected into the General Assembly, the Executive Body of the International Committee of Historical Sciences, at the 50th anniversary meeting held in Tenerife, Canary Islands, Spain, July 28-29. Gabriel presided over the International Commission on History of Universities which was promoted to an affiliated organization.

Eugene W. Henry, professor of electrical engineering, has been elected Chairman of the Midwestern Council of the Society for Computer Simulation.

John J. Kennedy, professor of government and international studies, has been awarded the Certificate of Distinguished Service by the Institute of International Education in recognition of years of participation on the National Screening Committee for grants for study abroad offered under the Mutual Educational Exchange (Fulbright-Hays) Program.

Robert L. Kerby, associate professor of history, has been appointed to a three-year term as member of the Advisory Board, United States Army Command and General Staff College, Fort Leavenworth, Kan.

Thomas V. Merluzzi, assistant professor of psychology, was appointed to the Board of Directors for the Task Force on Education for the Handicapped.

Thomas J. Mueller, professor of aerospace and mechanical engineering, has received an award from the Air Force Office of Scientific Research to attend the International Symposium on Flow Visualization to be held in Tokyo, Japan in October, 1977.

James P. Phillips, assistant professor of music and associate director of the Notre Dame band, was elected president of the National Catholic Bandmasters' Association at the recent conference held in Chicago.

Robert H. Schuler, professor of chemistry and director of the Radiation Laboratory, has been appointed to the National Research Council Committee on Kinetics of Chemical Reactions for a three-year term effective July 1, 1977.

Rev. George Wiskirchen, C.S.C., adjunct instructor in music, received the Adam P. Lesinsky Award of the National Catholic Bandmasters Association, their highest award, at their national conference in Chicago on Aug. 6. He was also appointed to the position of Executive Secretary for NCBA.

## Activities

Teoman Ariman, associate professor of aerospace and mechanical engineering, was chairman of the planning committee and director of a workshop on Novel Concepts, Methods and Advanced Technology in Particulate-Gas Separation sponsored by the National Science Foundation and the Environmental Protection Agency. It was held April 20-22 at the Center for Continuing Education, and Professor Ariman was also a panel member on a discussion on "New Direction in Particulate-Gas Separation Research".

John Bentley, research associate in the Radiation Laboratory, presented a paper entitled "Electron Density Deformations in Colliding Atoms" at the Gordon Research Conference on Molecular Energy Transfer, Wolfeboro, N.H., July 10-15.

Joseph P. Bauer, associate professor of law, was employed as a consultant by the Federal Trade Commission, Bureau of Competition, in Washington, D.C. during the summer of 1977.

Thomas P. Bergin, dean of the Center for Continuing Education, spoke on "The Arts and Humanities as Educators" at the Annual Summer Institute of Chief State School Officers meeting in Bellaire, Mich. on Aug. 1.

Rev. Thomas E. Blantz, C.S.C., University archivist, and Wendy Clauson Schlereth, assistant archivist, directed a session entitled, "Oral History: Fundamentals for Beginners," at an Archival Workshop sponsored by the Society of American Archivists at Notre Dame, Aug. 8-11.

Sister Margaret Cafferty, director of the Catholic Committee on Urban Ministry at Notre Dame, spoke on "A Call to Action--A Call to Women" at the National Assembly of Women Religious (NAWR) convention in New Orleans, Aug. 4-7.

Wendy Carlton, assistant professor of sociology and anthropology, gave a workshop on "Women as Health Consumers" on July 16 in Indianapolis as part of the Indiana International Women's Year meetings.

Francis J. Castellino, professor of chemistry, presented the symposium address "The Mechanism of Activation of Human Plasminogen" at the Sixth International Congress on Thrombosis and Hemostasis, Philadelphia, Pa., June 22.

William Cerny, chairman and professor of music, directed the Summer Piano Workshop at Notre Dame July 25-29. Also participating in the workshop were Adrian Bryttan, assistant professor of music, Walter Ginter, adjunct professor of music and Joseph Henderson.

Yu-Chi Chang, associate professor of management, presented two papers, coauthored with Lawrence C. Marsh, assistant professor of economics, entitled "An Interpretation of Bayesian Approach with Applications to Econometrics" and "Simultaneously Testing Multiple Inequality Restrictions on Production Function Parameters" at the 137th annual meeting of American Statistical Association in Chicago on Aug. 15-18.

Byung T. Cho, associate professor of management, presented a paper entitled "Markovian Approach to Forecasting Market Shares of Alternative Residential Heating Fuels" at the Joint National Meetings of the American Statistical Association held at Chicago, Aug. 15-18.

Vincent P. DeSantis, professor of history, presided at a session on reconstruction history at the annual meeting of the Pacific Coast Branch of the American Historical Association at Flagstaff, Ariz., Aug. 11-13.

Alan Dowty, associate professor of government and international studies, gave the lecture "The Israeli Elections" at the Sinai Synagogue in South Bend on May 6. From May 28-June 15 he served as a member of a study mission to Egypt, Syria, Jordan and Israel for the American Professors for Peace in the Middle East and gave the lectures "Approaches to Resolving the Arab-Israel Conflict" at Cairo University, Egypt, May 30 and "Current Trends in Arab Thinking" at the Hebrew University, Jerusalem, June 12. On July 24 he

spoke on "The Arab-Israel Conflict: Current Prospects" at the Greater Lima Interreligious Association, Lima, Oh.

Nicholas F. Fiore, chairman and professor of metallurgical engineering and materials science, presented the paper "Damping Studies of Hydrogen-Dislocation Interactions", co-authored by Andrejs Atrens, assistant faculty fellow of metallurgical engineering and K. Miura, at the Sixth International Conferences on Internal Friction and Ultrasonic Attenuation in Solids in Tokyo, July 14. On July 18 he spoke on "Internal Friction as a Research Tool" at the Nippon Electric research laboratories in Yokohama, Japan, and on July 19 his talk was "Internal Friction and Hydrogen Embrittlement" at the Department of Mechanical Engineering at Yokohama National University, Yokohama. Professor Fiore also spoke on "Hydrogen Embrittlement in High Alloys" on July 20 at the research laboratories of the Shin Nippon Steel Corporation in Kawasaki, Japan.

J. Philip Gleason, professor of history, presented a paper on church-state issues entitled "Blurring the Line of Separation: Education, Civil Religion, and Teaching About Religion" to a conference on American Religious History held at Harwichport, Mass., August 24-26. Professor Gleason is a consultant to the Johns Hopkins Program in American Religious History, which sponsored the conference.

Sean V. Golden, assistant professor of English, chaired a panel on "Literature and Criticism" at the Annual Conference on Jungian and Archetypal Psychology at Notre Dame, March 31-April 3. He spoke on "MacDonagh's Irish Mode" and chaired a panel on contemporary Irish literature at the annual conference of the American Committee for Irish Studies in Denver April 27-30. In addition, Professor Golden chaired a panel "BygMYTHster Finnegans: Approaches to the Composition of Finnegans Wake" and delivered a talk on "Indeterminacy in Finnegans Wake" at the Sixth International James Joyce Symposium, June 11-16 in Dublin, Ireland. He also presented a weekly radio program, Ceol, devoted to traditional Irish music on WSNF-FM.

Yasu Hosomatsu, assistant professor of management, presented a paper entitled "A Separating Vote System" at the annual meeting of the Western Economic Association in Anaheim, Calif., June 20-23. He also served as a discussant in the collective choice session of the meeting.

C.P. Kartha, assistant professor of management, delivered a paper entitled "On a Measure of Confounded Effects in Asymmetrical Fractional Factorials" at the 137th Annual Meeting of the American Statistical Association in Chicago on Aug. 18.

Edward A. Kline, associate professor of English and director of the Freshman Writing Program, delivered a paper "Computer-Aided Review Lessons in English Grammar" at the Third International Conference on Computers in the Humanities, University of Waterloo, Ontario, Canada on Aug. 4.

Jay A. Labinger, assistant professor of chemistry and scientist in the Radiation Laboratory, presented a paper entitled "Photoreactions of Metal-metal Bonded Carbonyls with Potential Hydrogen Donors" at the American Chemical Society meeting held in Chicago the week of Aug. 29.

David C. Leege, director of the Center for the Study of Man in Contemporary Society and professor of government and international relations, delivered a lecture to the Robert A. Taft Institute of Government seminar held at Northwestern University on June 23. The lecture was entitled "Recognizing Uses and Abuses of Public Opinion Polling."

John R. Lloyd, associate professor of aerospace and mechanical engineering, presented a talk on "Fire and Smoke Spread in Corridors," along with a computerized movie presentation by Albin A. Szewczyk professor of aerospace and mechanical engineering, at the Conference on Fire Research sponsored by the National Bureau of Standards held in Gaithersburg, Md., Aug. 2-5.

John Lyon, chairman and associate professor of the General Program of Liberal Studies, was director of the first Notre Dame Alumni College held at the Center for Continuing Education, July 24-28.

Lawrence C. Marsh, assistant professor of economics, served as chairman of the "Topics in Regression Analysis" session at the American Statistics Association meeting in Chicago on Aug. 17. Along with T.R. Swartz, associate professor of economics, a paper was presented entitled: "A Mathematical Model and Computer Representation for the Evaluation of the Home Purchase Decision as a Financial Investment" at the First International Conference on Mathematical Modeling in St. Louis on Aug. 31.

Anton C. Masin, assistant librarian, gave a talk and special exhibit on paleographic and printed antiquities for the Antique Collectors Club of South Bend on Aug. 8.

John J. McDonald, associate professor of English, was an invited participant at a conference on "Humanistic Perspectives and Faculty Development", sponsored by the Society for Values in Higher Education, the Danforth Foundation and the Johnson Foundation in Racine, Wis., May 13-15.

Rev. Ernan McMullin, professor of philosophy, reported to the World Council of Churches a conference in Cambridge (England) June 20-26, on "The Ideological and Theological Debate About Science", sponsored by the Council. He lectured at the University of Munich on July 5 on "Explanation and Proof in Recent Philosophy of Science" and he attended an invited conference in Churchill College, Cambridge Aug. 7-9 devoted to "New Directions in Newtonian Scholarship", and spoke on "Newton's Natural Philosophy". Father McMullin attended the Fifteenth International Congress of the History of Science in Edinburgh, Aug. 10-19, and presented an invited paper on "Types of Warrant for a Philosophy of Science".

Thomas V. Merluzzi, assistant professor of psychology, and Bernadette H. Merluzzi, psychologist in the psychological services center, presented a paper, "The Effect of Client Race on Counselors' Judgements of Case Materials" at the annual meeting of the Midwestern Psychological Association in Chicago, May 7.

Mark E. Nadel, assistant professor of mathematics, gave the following talks while on leave at the Institute for Advanced Study: Pennsylvania State University, "On Arbitrary Equivalence Relation as Elementary Equivalence in an Abstract Logic," Nov. 9; Princeton University, "Potential Isomorphism and Abstract Logic," Nov. 5; Yale University, "Infinitary Intuitionistic Logic from a Classical Point of View," Feb. 21.

Robert F. O'Brien, associate professor of music, served as Artistic Director of the Internationales Jugendmusikfest in Vienna, Austria, July 2-7. He was also involved in judging the competing bands in their individual performances.

Edward D. O'Connor, C.S.C., associate professor of theology, gave two lectures at the Charismatic Conference of Southampton, England, July 25-28: "The Church as a Charismatic Community", and "The Church, More than a Charismatic Community."

Larry K. Patterson, associate professional specialist in the Radiation Laboratory, attended the International Conference on Singlet Oxygen and Related Species held at Pinawa, Manitoba, Canada, Aug. 22-26. He was co-chairman of a conference session and presented a paper entitled "Peroxidation in Membrane Lipids. Radiation Studies in Model Systems".

Juan C. Scaiano, scientist in the Radiation Laboratory, presented a paper entitled "Laser Photolysis Study of Biradical Reactions" at the Second International Symposium on Organic Free Radicals held at Aix-en-Provence, France, July 15-23.

Robert H. Schuler, professor of chemistry and director of the Radiation Laboratory, presented a paper entitled "ESR Studies of Radiation Produced Radicals" at the American Chemical Society meeting held the week of Aug. 29 in Chicago, Ill. He has also served as the external Ph.D. examiner on the thesis of E.V. Srisankar who is taking his doctorate degree at the Saha Institute of Nuclear Physics in Calcutta, India.

James H. Seckinger, associate professor of law, was a team-teaching leader in a Federal Trade Commission Trial Advocacy Training Program for attorneys held in Washington, D.C., July 31-Aug. 10.

William D. Shephard, professor of physics, participated in the XVII Cracow School of Theoretical Physics, Zakopane, Poland, where he presented a lecture entitled "Resonances, Clusters and Correlation in High Energy  $\pi^+p$  Interactions" June 8. He participated in the VIII International Symposium on Multiparticle Dynamics in Kaysersberg, France, June 12-17, and presented the colloquium lecture on "Resonances Clusters and Correlation in High Energy  $\pi^+p$  Interactions" June 20 at the Fysisch Laboratorium, University of Nijmegen, Netherlands.

Phillip R. Sloan, assistant professor of the General Program, presented a major address at the symposium "Classification in the Sciences" at the International Meetings of the History of Science Congress, Edinburgh, Scotland, Aug. 19.

James P. Sterba, assistant professor of philosophy, while on sabbatical leave, presented a paper entitled "Retributive Justice" at a symposium on Action, Responsibility and Blame held at California State College in Sonoma, Oct. 30-31; another paper entitled "A Rawlsian Solution to Arrow's Paradox?" at the Pacific Division Meeting of the American Philosophical Association held in Portland, March 25-27; a symposium paper entitled "Neo-Libertarianism" at the Western Division Meeting of the American Philosophical Association held in Chicago, April 28-30, and a paper entitled "Ethical Egoism and Beyond" to the Philosophy Department of the University of Utah in Salt Lake City, May 13. He was also an invited participant at a conference on Liberty, Ethics and the Economy at the Center for Study of Public Choice, Blacksburg, Va., July 11-22.

J.E. Stewart, visiting professor of English, went to the National University of Lesotho, in Roma, Lesotho, Southern Africa, as external examiner for the final examinations in the Department of English, May 21-June 10.

Thomas L. Theis, assistant professor of civil engineering, presented a paper, with Peter J. McCabe, entitled, "A Comparison of Phosphate Interactions for Fly Ash Treated and Untreated Eutrophic Sediments", at the 40th Meeting of the American Society of Limnology and Oceanography, Michigan State University, June 20-23. He also presented a paper, "Lake Reclamation Through Wastewater Diversion and Sediment Sealing with Fly Ash" at the National Environmental Engineering Conference of the American Society of Civil Engineers, Vanderbilt University, July 13-15.

J.K. Thomas, professor of chemistry and senior scientist in the Radiation Laboratory, presented a paper entitled "Radiation Induced Reactions in Micellar Systems" at the Gordon Research Conference on Photochemistry held at Proctor Academy, Andover, N.H., July 25-29.

Eduardo E. Wolf, assistant professor of chemical engineering, presented a paper entitled "A Pulse Reactor for the Chemisorption of Hydrogen on  $\text{Pt}/\text{Al}_2\text{O}_3$ " at the 1977 Annual Meeting of the American Chemical Society, Chicago on Aug. 29. The paper coauthors are J.J. Carberry, professor chemical engineering, C. Serrano and L. Carballo.

D.H. Winicur, associate professor of chemistry and scientist in the Radiation Laboratory, presented a paper entitled "T-R Energy Transfer Between Electronically-Excited Atoms and Triatomic Molecules" at the Gordon Research Conference on Molecular Energy Transfer, Wolfeboro, N.H., July 10-15.

## Deaths

Vincent P. Goddard, 56, associate professor of aerospace and mechanical engineering, died in South Bend after a brief illness, July 26.

Rev. Cornelius Hagerty, C.S.C., 92, former professor of religion for 35 years, died Aug. 4 at Notre Dame.

Earl F. Langwell, 77, former professor of French from 1930-1946, died Aug. 18 in South Bend.



# Office of Advanced Studies

## Notes for Principal Investigators

### Indirect Costs Rates For Government Sponsored Programs For Fiscal Year 1978

Negotiations for the fiscal year 1978 indirect cost rate for Government sponsored programs have been completed. The negotiation date to be used on proposal documents is August 24, 1977. The base used in calculating indirect costs is Total Modified Direct Costs (TMDC). Until further notice, the indirect cost rates to be used for Government sponsored programs are:

Research Projects:  
On-Campus: 47.8% of TMDC<sup>a</sup>  
Off-Campus: 11.7% of TMDC<sup>a,b</sup>

Education Projects:  
On-Campus: 35.0% of TMDC<sup>c</sup>  
Off-Campus: 10.6% of TMDC<sup>b,c</sup>

Radiation Laboratory: 19.8% of TMDC

<sup>a</sup>Total Modified Direct Cost is defined as total direct cost less capital expense.

<sup>b</sup>Off-campus rates apply when work is performed for an extended period (normally one month or more) off-campus.

<sup>c</sup>Total Modified Direct Cost is defined as total direct cost less capital expense, stipend, tuition, dependents' allowance, participant travel, and participant books.

## Fellowship Opportunities

Various foundations that provide fellowships are represented on campus by members of the Notre Dame faculty. These faculty members can provide vital information and guidelines about the fellowships. In some instances, application materials are also available. Information about these fellowships can be obtained from the following campus representatives:

### Faculty Representative

1. Gilbert D. Loescher  
101 O'Shaughnessy Hall  
Telephone: 8749
2. Charles F. Roedig  
G34 Memorial Library  
Telephone: 6639
3. William Frerking  
G187 Memorial Library  
Telephone: 8035
4. Walter J. Nicgorski  
G49 Memorial Library  
Telephone: 6440
5. Richard J. Thompson  
101 O'Shaughnessy  
Telephone: 7098
6. Applications available from Office of Advanced Studies, Division of Research and Sponsored Programs

### Program

1. Harry S. Truman Scholarship Foundation
2. Fulbright-Hays
3. Rhodes Fellowship and Marshall Scholarships
4. Danforth Foundation
5. East West Institute and Rotary International
6. Lilly Endowment Faculty Open Fellowships, 1978-79

For further information refer to the "Information Handbook for Graduate Studies," available from the Office of Assistant Dean Robert J. Waddick, College of Arts and Letters, Room 101 O'Shaughnessy.



## Information Circulars

### National Endowment for the Humanities Support Publication Costs of Humanities Texts

No. FY78-11

The National Endowment for the Humanities, for the first time, will support the publication costs of some humanities texts. The surprising departure from past Humanities Endowment policy will now allow both commercial and non-profit presses to apply for assistance towards the publication of major humanities texts when the initial cash-flow is insufficient to allow publication presently to be considered, or where it seems evident that intolerable losses would otherwise be suffered.

Applications are being accepted for the publication of research materials which have resulted directly from Humanities Endowment grants, after such materials have been declared acceptable to a commercial or university press by its normal standards of review. The form of the proposed publication must appear appropriate to the nature of the work and to the anticipated readership.

The next deadline for receipt of proposals is December 1, 1977.

### Department of Transportation Research Fellow Program

No. FY78-12

This part of the Intergovernmental Personnel Act of 1970 (IPA) program calls for proposals from qualified full-time faculty members at accredited universities or colleges to serve as a DOT Research Fellow in the U.S. Department of Transportation.

Title IV of the Intergovernmental Personnel Act of 1970 authorizes the temporary exchange of personnel between Federal executive agencies, states, local governments, institutions of higher education, and Indian tribal governments for work of mutual concern and benefit. The program is designed to benefit all parties involved. Assignees bring a vital expertise to their temporary positions, a broadened awareness of the other sector back to their permanent positions, and, in the process, enhance their own professional development.

Assignments are available for up to one-year period at various locations within the Department. There are two prime objectives served by this Department program.

\* The Department will make use of the particular talents of someone who has demonstrated a unique ability to do research on transportation problems. Such a person will devote a predetermined period of time to a research problem of mutual interest, and will have only a minimum amount of associated administrative work.

\* The Faculty member shall gain insights into the problems and operations of DOT and extend the scope of his or her experience in transportation research. Through briefings, final reports, and technical publications, the experiences of the research fellow will be shared with the academic and professional community.

The Department of Transportation deals with extremely complex issues involving modal operations, intermodal conflicts, and the overall tenor of national transportation. Because of the urgency and immediacy of many of its problems (transit operations, automobile goals, regulation of the airline industry, etc.) many problems that do not have short time payoff have not been studied in detail. By working on problems in such areas, the faculty member will insure that his or her work has a receptive and responsive audience and will have lasting impact.

The faculty members will be expected to apply their own unique insights to such problems. Thus, they can step away from a modal perspective and even utilize an inter-agency (HUD, ERDA, etc.) perspective if necessary.

Proposals may be submitted at any time to the Department of Transportation. Selection notifications will be made approximately sixty days after a proposal is received.

### National Endowment for the Arts Folk Arts Program

No. FY78-13

A formal Folk Arts Program was begun in 1974 to respond to needs created by the increased awareness among Americans of the richness and diversity of all aspects of their artistic and cultural heritage. The Folk Arts panel has operationally defined folk arts as the result of a community or family process that spans several generations and that has associated with it a sense of community aesthetic.

Functioning as an affiliate of the Office of Special Projects, Folk Arts handles broad, interdisciplinary projects including broad, visual arts, verbal arts, and other varieties of folk expression. It also acts as a coordinating office referring projects in a particular discipline to other Endowment Programs.

The Folk Arts Program adds strength and visibility to folk arts activities by making assistance available to:

- 1) assist presentations, including local, regional and national festivals, community celebrations, exhibits, residences, workshops, etcetera;
- 2) present folk arts on media, including local, regional and national programming on television and radio, sound recordings, film, videotape, etcetera;
- 3) develop local, regional and national organizations that are professionally involved in programs of documentation, presentation and other programs dealing with folk arts and artists; and
- 4) assist other activities that foster a process of cultural renewal within a community through use of its folk arts resources.

The next application deadline is October 1, 1977 with the next closing date after that being on January 1, 1978.

### The Rockefeller Foundation Humanities Fellowships Program, 1978-1979

#### No. FY78-14

The Rockefeller Foundation will continue its Humanities Fellowships Program aimed to support the production of works of humanistic scholarship intended to illuminate and assess the values of contemporary civilization. The Foundation welcomes applications from scholars in the traditional humanistic disciplines - literature, history, philosophy, classics, and so on. Applications not usually falling into the humanities category will also be considered if their humanistic ramifications are clearly defined. Scholars with interdisciplinary skills are particularly encouraged to apply.

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

- \* Illuminate contemporary social or cultural perplexities
- \* Search for comparative cultural values in a pluralistic society and world
- \* Explore the contemporary relevance of outstanding literary, cultural, historical, and philosophical traditions
- \* Clarify, deepen, or expand the historic meaning and tasks of the humanities

#### Suggested Research Areas

1. Ideas and Concepts in Contemporary Culture
2. The Humanities in an International Context
3. Science, Life Sciences, Technology, and Society in the Context of Humanistic Values
4. The Humanities and the Professions: Values and Moral Choices
5. The Humanities and Contemporary Culture
6. The Humanities and the Media

#### Application Procedures

A candidate must submit three copies of the following: 1. A covering sheet showing name and address, project title, and institutional affiliation; 2. A description of the project, typed and double-spaced, of approximately 500 words, including a brief statement of 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; 4. The names and addresses of three persons familiar with the candidates work who may 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 closely related field.

Candidates whose projects have been approved in the first stage will be asked to submit ten copies of a fully developed proposal. The proposal must contain detailed information for 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; Telephone number and social security number; Title of project; Total amount sought; Duration of project.
- \* Indicate other sources of support for which applicant has applied and other sources of income during tenure of the fellowship.
- \* 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).

Tenure is usually one year. The grant will range from \$10,000 to \$15,000, and in most instances will not exceed \$20,000. This amount may cover the following items: Salary, travel, secretarial or research support, or research materials.

Deadline:  
October 1, 1977.

For further information write to:

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

### American Heart Association National Research Awards 1978-1979

No. FY78-15

Grants-in-Aid for support in the cardiovascular field including stroke and for related problems in the basic sciences.

Tenure:  
Awards are for one to three-year research projects.

Purpose:  
To support research activities broadly related to cardiovascular function and disease or to related fundamental problems.

Proposals from talented young investigators are encouraged. Doctoral degree required.

Deadline:  
October 1, 1977.

For further information and application forms contact the following:

Director of Research  
American Heart Association  
7320 Greenville Avenue  
Dallas, Texas 75231

### American Chemical Society The Petroleum Research Fund Changes in the ACS-PRF Program of Grants-in-aid

No. FY78-16

The Board of Directors of the American Chemical Society-Petroleum Research Fund has announced changes in all of the currently authorized ACS-PRF grant programs. The objective of the changes is to increase the usefulness of the grants through increased budget limits and increased flexibility for the principal investigator in using grant funds. The new guidelines raise the levels of all awards as follows:

Type AC grants have been increased from a maximum of \$12,000 to \$15,000 per year.

Type B grants (undergraduate department research) from a maximum of \$11,000 to a maximum of \$13,000.

Type G grants (young faculty members who have not received major outside research support) from a maximum of \$9,000 for three years to a maximum of \$10,000 for two years.

### American Council of Learned Societies Competitions to Be Held in 1977-78 Fellowships and Grants for Postdoctoral Research and Study

No. FY78-17

Addendum to Information Circular No. FY77-108,  
Notre Dame Report 19, June 24, 1977, page 460

Listed below are deadlines for competitions to be held by the American Council of Learned Societies. Individuals requesting application forms should provide the following information: Age, highest academic degree held and date received, citizenship or permanent residence, academic or other position, field of specialization, proposed subject of research of study, period of time for which support is requested, and the specific award program under which an application is contemplated. For inquiries and copies of application forms write: Office of Fellowships and Grants, A.C.L.S., 345 East 46th Street, New York, New York 10017.

<u>Deadline</u>	<u>Date</u>	<u>Program</u>
September 30, 1977		A.C.L.S. Fellowships. Up to \$13,500 available for between six to twelve months continuous study.
September 30, 1977		Grants-in-Aid for Recent Recipients of the Ph.D. Up to \$1,500 stipend to aid research leading to dissertation or first substantial publication. Ph.D must have been conferred after July 1, 1975.
November 1, 1977		Research Fellowships for Recent Recipients of the Ph.D. Up to \$7,000 for a minimum of one semester uninterrupted full-time research. Applicants must have received the Ph.D during the calendar year 1975 or 1976.

November 1, 1977 Travel Grants for Humanists to International Meetings Abroad. For applications from A.C.L.S. constituent societies for travel grants to meetings occurring from March - June, 1978. Additional deadlines are: March 1, 1978, for meetings occurring from July - October, 1978; July 1, 1978, for meetings occurring from November 1978 - February 1979.

November 15, 1977 A.C.L.S. Study Fellowships. Up to \$12,000 for a maximum twelve-months research in a discipline other than their present specialization which normally employs a different methodology.

December 1, 1977 Grants for Research on Chinese Civilization. Up to \$15,000 for research on Chinese civilization prior to 1910.

December 1, 1977 Mellon Fellowships for Chinese Studies. Up to \$15,000 for two kinds of grants: (a) For Advanced Study at Major University Centers of Chinese Studies; and (b) For Advanced Language Training in East Asia.

December 30, 1977 Grants for Research in East European Studies. Up to \$10,000 for a minimum of six-months uninterrupted research relating to Albania, Bulgaria, Czechoslovakia, Hungary, Poland, Romania, Yugoslavia, East Germany since 1945, and modern Greece.

January 16, 1978 Grants-in-Aid. Up to \$3,000 to advance specific programs of research in progress.

## German Marshall Fund Fellowship Program - 1978 for Advanced Research on Domestic and International Issues of Importance to Industrial Societies

No. FY78-18

The German Marshall Fund will award fellowships to scholars and professionals whose proposed research projects promise to contribute to a better understanding and resolution of significant contemporary and emerging problems, domestic and international, common to industrial societies - particularly their comparative political, economic, and social aspects. Projects must have U.S. and European (Western and/or Eastern) components, but may also be concerned with other societies.

Special consideration will be given to research of current or potential priority interest to the Fund, which include international urban affairs, employment and conditions of work, women's employment, land use, communications and media, administration of criminal justice/crime prevention, comparative social policies, and the issues of interdependence, excluding military, security, or defense affairs. Research plans which would result in new perspectives and in forming new working relations between U.S. and European scholars will be given preference.

### Selection Criteria

Scholars selected for appointments may come from any recognized academic field or profession. Most fellows will be established scholars with advanced degrees. Research leading to an advanced degree is not supported. Fellows will be selected on the basis of the following criteria: Scholarly qualifications, promise, and achievements; importance and originality of the proposed work in relation to the purposes of the GMF's programs; and the likelihood of completion of the project in the time frame and at the location promised.

### Deadline

November 30, 1977.

### Application Procedure

Application forms and additional information may be obtained by contacting the Fund:

The German Marshall Fund of the United States  
11 Dupont Circle, N.W.  
Washington, D.C. 20036

A limited number of applications are available from the Office of Advanced Studies, Division of Research and Sponsored Programs.

# Center for Advanced Study in the Behavioral Sciences, Inc. Stanford University Residential Post-Doctoral Fellowship Program

No. FY78-19

The Center for Advanced Study in the Behavioral Sciences is chartered in the State of California as a non-profit organization devoted to education and research. It conducts a residential post-doctoral fellowship program for scientists and scholars from this country and abroad who show promise or accomplishment as productive workers in their respective fields. Fellowships have been awarded in the following fields (in order of decreasing numerical representation): psychology, sociology, anthropology, political science, history, economics, philosophy, psychiatry-psychoanalysis, linguistics, humanistic fields, law, education, certain specialties in biology, certain mathematical and statistical specialties, other fields including social work and geography, and areas of application.

The fellowship award implies a period of residence in the vicinity of the Center, normally beginning in September and extending from seven to twelve months. Aspects of the fellowships that seem to be most significant to the Fellows include the following:

1. The opportunity to devote an extended period of time to further personal development at an advanced level, free from normal routines and from the responsibilities of the home campus.
2. The stimulating company of other leading scientists and scholars.
3. Freedom to set one's own schedule and direct one's own activity.
4. Secretarial, library, research, editorial, and some instructional services, and access to calculating, computing, and duplicating facilities.
5. The guarantee of financial support at a level that protects the Fellow from serious financial sacrifice and enables the family to come along for the year.
6. The agreeable year-round physical environment for the work of the Fellow, and the congenial community environment for the Fellow's family.

Activities normally engaged in by the Fellows include:

1. Reading, study, and reflection.
2. Analysis of data, writing, and rewriting.
3. Participation in formal or informal learning activities.
4. Participation in seminars or work-groups.
5. Intensive collaboration with one or more other Fellows.

## Procedures for Selecting Fellows

Selection of Fellows proceeds through two stages. The first is the determination of the eligibility of the candidate. The second is the construction of fellowship rosters for particular years from the available pool of eligible candidates. Because of the time required at each state, the delay for successful fellowships candidates is normally a period of several years. Evaluation of candidates is based upon standing in the field rather than upon the merits of a particular project under way at any one time.

Establishing eligibility: Individuals may be nominated for consideration by their departmental chairmen, deans, etc., or by other individuals familiar with the program of the Center. Following nomination the nominee is notified by the Center and given an opportunity to provide information on a short personal history form, and is invited to provide the names of referees who may be asked for evaluative statements. Nomination should be made only if there is a judgment by someone other than the candidate that he or she is outstanding enough to merit serious attention and likely to succeed in severe competition. Judgments concerning the candidate are obtained from two sources, the first being the candidate's own referees and the second being a confidential panel of leading people in the candidate's field.

Building fellowship rosters: On notification of eligibility, candidates are requested to indicate what future years would be most suitable for their fellowships. Tentative rosters are prepared based upon the expressed preferences of eligible candidates. Other things being equal, the Center prefers to take Fellows during their sabbatical year. Current policy places emphasis upon selecting a year when sabbatical entitlement or other non-Center funding will hold the demand on Center funds for stipend support to a level that normally will not exceed one half the academic year salary for nine months.

## Preparation for Residence

The first step is to obtain from the Fellow information concerning the financial requirement of the fellowship, and to make certain that through a mixture of Center and non-Center funds, the fellowship year can be funded in such a manner as to protect the Fellow from serious financial sacrifice. In some cases information concerning financing possibilities is already known at the time the financial form is submitted. Frequent sources of support include such agencies as the National Science Foundation, the National Institutes of Mental Health, National Endowment for the Humanities, etc.; the private foundations such as the Ford Foundation, the Rockefeller Foundation, the Carnegie Corporation, Social Science Research Council, American Council of Learned Societies; sabbatical entitlement, continuation of fringe benefits, or other support from the home institution.

At an appropriate time after a firm commitment is made for a fellowship in a given year, information concerning possible rental housing, medical service, public schools, and other community services is provided, and the Center undertakes to help locate and arrange for the rental of suitable furnished housing.

Also, well in advance of the beginning date of the fellowship year, information is obtained from and distributed to the Fellows concerning the backgrounds of the Fellows and the interests they will possibly pursue during the course of the fellowship. Every effort is made to arrange each year for a group of Fellows that is not only diverse but also includes groups of individuals with common or overlapping interests and methodological skills.

For further information contact the following:

Center for Advanced Study in the Behavioral Sciences, Inc.  
202 Junipero Serra Boulevard  
Stanford, California 94305

## Inter-American Foundation The Latin American and Caribbean Learning Fellowship on Social Change

No. FY78-20

To provide opportunities for scholars to learn about processes related to social change in Latin America and the Caribbean, the Inter-American Foundation is making available pre- and postdoctoral research fellowships. The Learning Fellowship is designed to enable the Fellow to study the change process through affiliation with a host country institution.

### Objectives

1. To finance research in Latin America and the Caribbean in pre-doctoral and postdoctoral studies.
2. To contribute to research and scholarship on social change in Latin America and the Caribbean.
3. To provide an opportunity for scholars to learn about social change processes in association with Latin America and Caribbean scholars and practitioners.
4. To involve the academic community in learning about social change from a multidisciplinary and problem-oriented perspective.

### Eligibility

Doctoral and postdoctoral fellowships are open to scholars in the social sciences and professions with knowledge of Latin America or the Caribbean. Applicants must have a multidisciplinary background and should be concerned with the processes of social change from a problem-oriented perspective. Problem areas might include such topics as cooperatives, worker self-managed enterprises, non-formal education, rural credit. Applicants must be able to write and speak the language of the Caribbean or Latin American area in which they intend to study.

### Stipends

Stipends vary from country to country but average about \$550 per month. Allowances for the fellow and legal dependents include maintenance, transportation, and health and accident insurance. Limited research expenses are available.

### Institutional Affiliation

It is required that each fellow be affiliated with a Caribbean or Latin American institution. Affiliation is arranged in accordance with the research needs and interests of the fellow and the host institution.

### Duration

Research will be supported for a minimum of six months and up to a maximum of twenty-four months.

### Deadline

Applications must be postmarked on or before December 5, 1977.

### Applications

Application forms may be obtained by writing to:

Learning Fellowship on Social Change  
Inter-American Foundation  
1515 Wilson Boulevard  
Rosslyn, Virginia 22209

## Department of Transportation Program of University Research

No. FY78-21

The purpose of the Program of University Research is to assure that resources of the higher education community are effectively brought to bear on transportation problems and, in particular, on those problems related to national transportation policy. The objectives of the Program are:

- \* To stimulate relevant, high-quality and innovative transportation research at universities.
- \* To help the Department address its ongoing research problems.
- \* To stimulate university research which will provide a meaningful contribution to the development of a national transportation policy.
- \* To address the transportation problems of the disadvantaged, particularly with the help of the Nation's minority schools.
- \* To disseminate research findings and results to the appropriate users in the transportation community.
- \* To attract the nation's best young talent into careers in transportation.

In order to accomplish these objectives the thrust of the Program of University Research is to bring the unique capabilities of the university community in both the soft and hard sciences to bear on the specific transportation problems under the mission of the Department of Transportation. While the Program in its present form is devoted entirely to specific problem contract research, the Department recognizes the pivotal role which the universities potentially can play in education in the transportation field. Thus, although not specifically funded as such, it is expected that education of broad-based professionals as well as skilled specialists will be an important by-product of the Program.

Specific research priorities have been identified for the FY 1978 Annual Solicitation which fall into one of the following general categories:

- A. Economics and Regulation
- B. Science and Technology
- C. Operations and System Concepts
- D. Social and Behavioral
- E. Safety and Environment
- F. University Originated Research Topics

Proposals submitted under Category F may fall in any of the general categories A through E.

It is anticipated that on the order of two and one half million dollars will be available for funding new research proposals in Fiscal Year 1978. In the past, successful new research proposals in the Program of University Research have averaged about \$60,000 each and approximately 35 new contracts have been negotiated each year. Almost the same number are renewed each year.

In all six categories, proposals may be submitted which are either: major research programs (involving teams of faculty and students); project research (involving cooperation of faculty with government or industry); research by individuals (traditional disciplinary research); or university-based seminars (forums for discussing the latest research developments in a specific field and for developing state-of-the-art documents).

The deadline for receipt of proposals is December 1, 1977.

## National Endowment for the Arts Composer/Librettist Fellowships

### No. FY78-22

In Fiscal 1978 the National Endowment for the Arts will continue its program of awarding fellowship-grants to assist composers and librettists.

The National Council on the Arts and the Music Advisory Panel believe that it is an important priority of the Music Program to encourage the creation and performance of music by Americans. Fellowships for Composers and Librettists were initiated in 1973 as the principal way of encouraging the creation of new musical works and aiding the career development of composers and librettists. The Jazz/Folk/Ethnic Program provides support for jazz composers.

Opera companies and orchestras have been encouraged to commission and perform works by Americans through their specific program guidelines. In addition, special funds will be available to a limited number of opera companies and orchestras for commissioning and performances of American works through Music Resource Projects during the 1978-1979 performance season through the Opera and Orchestra Programs.

On the advice of the Music Advisory Panel, the Endowment is proceeding now to develop plans for additional support of contemporary music. New programs will be instituted when funds become available, hopefully in Fiscal 1979. It is expected that priority will be given to support of performance activities. Consideration is being given to programs that would support contemporary performance groups and/or special performance events. Special events could include a retrospective or a one-time celebration on a particular theme. They could involve, among other things, symposia, open rehearsals, and public performances. Assistance is also being considered for experimental music centers and the recording of works by American composers and librettists.

The purpose of this program in support of individuals is to encourage:

- \* creation of new compositions or the completion of works in progress;
- \* creation of new librettos or the completion of librettos in progress;
- \* professional development of the composer or librettist.

Applications must be postmarked no later than November 1, 1977.

## American Association of University Women Educational Foundation American Fellowships, Dissertation, Postdoctoral Research and Selected Professions

### No. FY78-23

The American Association of University Women Educational Foundation awards dissertation and postdoctoral fellowships to women of the United States who have achieved distinction or promise of distinction in their fields of scholarly work. There are no restrictions as to age of applicant or academic field or place of study.

#### Qualifications:

Applicants must be citizens of the United States or hold permanent resident status at the time of application and must intend to pursue their professional careers in the United States.

#### Period of Award:

Twelve months beginning July 1, 1978 (An AAUW Fellow is expected to devote full time to the project for the fellowship year.)

The deadline for applications is December 15, 1977. For further information, please contact the Graduate School Office, Extension 7544. International Fellowships for women of countries other than the U.S. are also available.

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

### No. FY78-24

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.

This 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 applications is November 1, 1977. For further information, contact the Office of Research and Sponsored Programs, Extension 7378.

## Woodrow Wilson International Center for Scholars Wilson Center Fellowships

No. FY78-25

Re: Notre Dame Report 15, April 22, 1977, Information Circular No. FY77-84.

An emerging new program open to scholars in all appropriate disciplines is devoted to studies on the political, economic, and cultural life of the Latin American and Caribbean areas, and to the analysis of the Inter-American affairs.

Applications for The Wilson Center's Latin American Program are available from the Office of Advanced Studies, Division of Research and Sponsored Programs.

### Deadline:

October 1, 1977.

## Social Science Research Council Fellowships and Grants, 1977-78

No. FY78-26

1. Postdoctoral Research Training Fellowships are offered to social scientists who wish to obtain training in research beyond that usually offered in doctoral programs in their own disciplines, to prepare them for innovative research in the social sciences. Preliminary inquiries should be made before November 1, 1977, and formal applications must be submitted by December 15, 1977.
2. Fellowships for International Doctoral Research Sponsored Jointly by the Social Science Research Council and the American Council of Learned Societies, Administered by the Social Science Research Council

Fellowships are offered for doctoral dissertation research in the social sciences and the humanities to be carried out in Africa, Asia, Latin America and the Caribbean, the Near and Middle East, or Western Europe. Application Deadline: November 1, 1977.

3. Postdoctoral Grants for Research on Foreign Areas Sponsored Jointly by the Social Science Research Council and the American Council of Learned Societies, Administered by the Social Science Research Council (Africa, Contemporary and Republican China, The Economy of China, Japan, Korea, Latin America, The Caribbean, The Near and Middle East, South Asia, and Southeast Asia)

Grants for research on foreign areas are offered to scholars whose competence for research in the social sciences or humanities has been demonstrated by their previous work and who hold the Ph.D. degree or have equivalent research experience. Application deadline for this program is December 1, 1977.

4. Grant Programs Sponsored Jointly by the Social Science Research Council and the American Council of Learned Societies, Administered by the American Council of Learned Societies

Grants are offered to sustain and advance competence in Chinese Studies by providing opportunities to maintain and improve teaching and research skills through advanced language training, further specialization in one's field, or acquisition of new or improved disciplinary training in the social sciences or the humanities. Application Deadline: December 1, 1977.

5. Research on East Europe

Grants are offered for postdoctoral research in the social sciences or the humanities relating to Albania, Bulgaria, Czechoslovakia, Hungary, Poland, Romania, Yugoslavia, East Germany since 1945, and modern Greece. Applications dealing with Finland and the Baltic States will be accepted only if the topic is relevant to non-Soviet Eastern Europe. Application Deadline: December 30, 1977.

For further information and application forms for items 1., 2., and 3. write to:

Social Science Research Council  
Fellowships and Grants  
605 Third Avenue  
New York, New York 10016

For items 4. and 5. write to:

American Council of Learned Societies  
345 East 46 Street  
New York, New York 10017

# Current Publications And Other Scholarly Works

## ARTS AND LETTERS HUMANISTIC AND SOCIAL STUDIES

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Scovill, Meredith  
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### History

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### Music

- Isele, David C.  
David C. Isele. 1977. Cognitions. Hinshow Music Co., Chapel Hill, North Carolina.  
Wiskirchen, CSC, George C.  
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# Monthly Summary

## Awards Received

IN THE MONTH OF JULY, 1977

Department or Office	Principal	Short title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Chemistry	Labinger	Multimetallic catalytic systems	Natl. Sci. Fdn.	25,800 12
Institute Urban Studies	Broden, Roos, Kromkowski	Evaluation of housing rehabil- itation in South Bend	So. Bend Urban Observatory	8,000 7
Economics	Skurski	Growth, development of Soviet internal trade	U.S. Off. Education	9,673 18
Center Study Man	Johnson, Aldous	Parents of juvenile diabetics/ medical compliance	Natl. Inst. Health	22,653 12
American Studies	Schlereth	Architectural achievement of Soloman S. Beman, 1853-1914	Natl. Endow. Humanities	21,761 6.5
Aeros. Mech. Eng.	Ariman	Aerosol filtration by fibrous filters	Natl. Sci. Fdn.	65,900 24
Chemistry	Basu	Metabolism of glycosphingolipids in animal cells	Natl. Inst. Health	54,366 12
Aeros. Mech. Eng.	Kanury, Lloyd	Liquid pool burning in reduced gravity	Natl. Aero. Space Admin.	29,471 12
Aeros. Mech. Eng.	Biles	Experimentation, optimization w/ multiple-response simulation models	U.S. Navy	31,817 12
Chemistry	Castellino	Plasminogen and plasmin: Struc- ture and function	Natl. Inst. Health	36,936 12
Metallurgical Eng.	Kuczynski, Allen	Pore shrinkage/Ostwald ripening in metallic systems	Energy Res. Devel. Admin.	50,000 12
Physics	Johnson	Application of quantum electrodyn- amics in atomic/nuclear physics	Natl. Sci. Fdn.	32,000 24
AWARDS FOR EDUCATIONAL PROGRAMS				
Aeros. Mech. Eng.	Lucey	Electric power generation-compar- ative risks and benefits	Energy Res. Devel. Admin.	11,532 12
Institute Urban Studies	Broden, Smith	Upward Bound	U.S. Off. Education	118,000 12
Art	Geoffrion	Women artists in residence	Natl. Endow. Arts	600 2 wks
SERVICE PROGRAMS				
Center Human Devel.	Dwyer	Needs assessment program	---	50,240 ---

# Proposals Submitted

IN THE MONTH OF JULY, 1977

Department or Office	Principal	Short title	Sponsor	Dollars Months
PROPOSALS FOR RESEARCH				
Microbiology - Lobund Lab.	Wostmann, Madsen	Effects of sucrose on sterol metabolism	Internatl. Sugar Res. Fdtn.	90,591 36
Chemical Eng.	Wolf	Stepped Pt single crystals and Pt supported catalysts	Natl. Sci. Fdtn.	61,405 24
Chemistry	Nowak	NMR studies of metals in kinases and related enzymes	Natl. Inst. Health	62,030 12
Center Study Man	Schmidt	The FAO Fisheries Department	Natl. Sci. Fdtn.	37,193 12
Aeros. Mech. Eng.	Roberts, Nelson	Extending the capability of a supersonic wind tunnel	U.S. Army	20,700 10
Electrical Eng.	Liu	Impact of wholesale prices: The case of Taiwan	Natl. Sci. Fdtn.	16,019 6
Psychology	Ryan	Metalinguistic development and reading acquisition	Natl. Sci. Fdtn.	28,316 12
Metallurgical Eng.	Fiore	Microstructure on hydrogen uptake in austenitic stainless steels	Welding Res. Council	3,683 12
Metallurgical Eng.	Fiore	Hydrogen and corrosion in high alloys	Battelle Memorial Inst.	8,035 12
Microbiology - Lobund Lab.	Pleasants	Factors in lysinoalanine nephro- cytomegalia	Natl. Inst. Health	20,917 8
Chemistry	Miller	The synthesis of ferrichromes	Research Corp.	9,481 5
Law, Business Admin.	Soderquist, Vecchio	Conceptualizations of ownership interests	(private fdtn.)	26,514 9
Center Study Man	Carlton	Family mediation of primary healthcare	Robert Wood Johnson Fdtn.	207,232 24
Physics	Shephard, Biswas, Cason, Kenney	High energy elementary particle physics	Natl. Sci. Fdtn.	55,000 9
Chemistry	Miller	Synthesis of cyclic hydroxamic acids and lactams	Amer. Chem. Soc.	13,257 36
Psychology	Glass, Merluzzi	Task analysis of heterosexual social skill	Natl. Inst. Health	7,361 12
Aeros. Mech. Eng.	Yang, Lloyd	Fire and smoke spread	Natl. Bur. Stds.	88,604 12
Chemistry	Nowak	EPR studies of metal-enzyme systems	Natl. Sci. Fdtn.	230,583 36
PROPOSALS FOR EDUCATIONAL PROGRAMS				
English	Davis	English devotional literature of the 17th century	Natl. Endow. Human.	40,659 8
Aeros. Mech. Eng.	Yang	Undergraduate research participation	Natl. Sci. Fdtn.	14,400 17
PROPOSALS FOR SERVICE PROGRAMS				
Physics	Poirier	Work at NSF under the Inter- governmental Personnel Act	Natl. Sci. Fdtn.	51,410 12



# Summary of Awards Received and Proposals Submitted

IN THE MONTH OF JULY, 1977

## AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	5	\$ 184,590	7	\$ 203,787	12	\$ 388,377
Facilities and Equipment	-	- - -	-	- - -	-	- - -
Educational Programs	2	129,532	1	600	3	130,132
Service Programs	-	- - -	1	50,240	1	50,240
Total	7	\$ 314,122	9	\$ 254,627	16	\$ 568,749

## PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	5	\$ 254,867	13	\$ 732,054	18	\$ 986,921
Facilities and Equipment	-	- - -	-	- - -	-	- - -
Educational Programs	1	14,400	1	40,659	2	55,059
Service Programs	-	- - -	1	51,410	1	51,410
Total	6	\$ 269,267	15	\$ 824,123	21	\$ 1,093,390

## Monthly Summary

### Awards Received

IN THE MONTH OF AUGUST, 1977

Department or Office	Principal	Short Title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Mathematics	Taylor	Algebraic and geometric topology	Natl. Sci. Fdn.	42,300 24
General Program	Crowe	Non-falsifiable theories in the history of science	Natl. Sci. Fdn.	34,700 24
Biology	Saz	Chemotherapy and metabolism of filarids	Natl. Inst. Health	27,283 12
Biology	Saz, Komuniecki	Allergy and infectious diseases	Natl. Inst. Health	3,000 12
Physics	Biswas, Cason, Kenney, Shephard	High energy elementary particle physics	Natl. Sci. Fdn.	264,000 12
Biology	Duman	Role of macromolecular antifreeze in insect low temp. tolerance	Natl. Sci. Fdn.	31,900 24
Electrical Eng.	Gajda	Fabrication/electrical character- ization of graphite/epoxy composites	U.S. Navy	20,000 11
Aeros. Mech. Eng.	Ariman	Energy consumption in fabric filtration	Energy Res. Develop. Admin.	82,935 24
Chemical Eng.	Carberry	U.S.-Soviet co-operative program- catalytic reactor studies	Natl. Sci. Fdn.	17,600 12
AWARDS FOR FACILITIES AND EQUIPMENT				
Memorial Library	Sparks	College library resources program	U.S. Office of Educ.	3,855 12
AWARDS FOR EDUCATIONAL PROGRAMS				
Art	Vogl	Printmakers-in-residence	Natl. Endow. Arts	810 1
Engineering	Cohn	Using microcomputers to introduce minority students to engineering	Intl. Paper Fdn.	15,000 12

Department or Office	Principal	Short Title	Sponsor	Dollars Months
SERVICE PROGRAMS				
Physics	Poirier	Work at NSF - Intergovernmental Personnel Act	Natl. Sci. Fdn.	46,477 12
Center Human Dev.	Dwyer	Needs assessment program	-----	10,120 ---

## Proposals Submitted

IN THE MONTH OF AUGUST, 1977

Department or Office	Principal	Short Title	Sponsor	Dollars Months
PROPOSALS FOR RESEARCH				
Chemistry	Kowalski	Generation and reactions of a- halo ketone enolate anions	Amer. Chem. Soc.	14,730 24
Aerospace, Mech. Eng.	Daschbach, Henry	Computerized video work measurement	U.S. Air Force	235,119 36
Center Study Man	Sterling	Voter participation: Electoral rules and voting behavior	Ford Fdn.	53,363 12
Center Study Man	Sterling	Voter participation: Electoral rules and voting behavior	Russell Sage Fdn.	53,363 12
Center Study Man	Sterling	Voter participation: Electoral rules and voting behavior	Natl. Sci. Fdn.	53,363 12
Law School	Moots	Center for Constitutional Studies	Private Fdn.	731,953 36
Chemistry	Castellino	Role of the carbohydrate moiety in plasminogen	Amer. Heart Assoc.	71,516 36
Chemistry	Fehlner	UV photoelectron spectroscopy of metal clusters	Amer. Chem. Soc.	68,812 36
Chemistry	Castellino	Role of phospholipid in blood coagulation	Amer. Heart Assoc.	68,818 36
Gov't., Int'l. Studies	Arnold	Discretionary authority over immigration	Dept. of Labor	14,200 12
Chemistry	Pasto	Properties of allenyl transition metal compounds	Amer. Chem. Soc.	65,577 36
Civil Eng.	Katoma	Combined explicit-implicit integration algorithm	Naval Constr. Batt. Ctr.	8,199 5
PROPOSALS FOR EDUCATIONAL PROGRAMS				
Civil Eng.	Ketchum, Irvine	Undergraduate research participation	Natl. Sci. Fdn.	12,190 3
Chemistry	Scheidt	Undergraduate research participation	Natl. Sci. Fdn.	17,010 3
Psychology	Kline	Undergraduate research participation	Natl. Sci. Fdn.	12,970 2
PROPOSALS FOR SERVICE PROGRAMS				
Biology	Craig, Grimstad	Arbovirus surveillance laboratory service	Ind. State Bd. Health	105,359 8

# Summary of Awards Received and Proposals Submitted

IN THE MONTH OF AUGUST, 1977

## AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	4	\$ 351,183	5	\$ 172,535	9	\$ 523,718
Facilities and Equipment	-	- - -	1	3,855	1	3,855
Educational Programs	-	- - -	2	15,810	2	15,810
Service Programs	-	- - -	2	56,597	2	56,597
Total	4	\$ 351,183	10	\$ 248,797	14	\$ 599,980

## PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	-	- - -	12	\$ 1,439,013	12	\$ 1,439,013
Facilities and Equipment	-	- - -	-	- - -	-	- - -
Educational Programs	-	- - -	3	42,170	3	42,170
Service Programs	1	\$ 105,359	-	- - -	1	105,359
Total	1	\$ 105,359	15	\$ 1,481,183	16	\$ 1,586,542

## 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
Office of Education	Advanced Institutional Development	October 17, 1977
Office of Education	Equipment and Materials to Improve Undergraduate Instruction	October 15, 1977
Office of Education	Graduate Programs in International Studies	October 31, 1977
Office of Education	Undergraduate Programs in International Studies	October 31, 1977

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# documentation

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## Statement from the President

Following is Father Hesburgh's statement upon the resignation of Rev. James T. Burtchaell, C.S.C., as provost of the University.

It is difficult to find words adequate to thank Father Burtchaell, on behalf of all the Notre Dame community and myself, for the past seven years of superlative service as Notre Dame's first, and to date, only Provost. He has set a standard of service that will be difficult, if not impossible, to match.

Under Father Burtchaell, the Provost's office has been characterized by a style that reflected his high intelligence, broad vision, and constantly courageous dedication to academic excellence. He has attracted many talented scholars to Notre Dame, and has inaugurated new academic programs and procedures to better the University for many years yet to come. In particular, he has been actively engaged both in the current improvement of faculty salaries and in the amassing of permanent endowment to assure continuing progress in faculty compensation.

Under his guidance the arts have flourished as never before. His official representation of the University here and abroad has been nothing short of spectacular. With unusual theological acumen and insight, he has paid special attention to the Catholic character of the University, a prime concern that emerged from the University's Committee on Priorities which he chaired and which has provided the framework for our current development campaign.

I am personally grateful to Father Burtchaell for his strong leadership in the difficult tasks we have shared these past seven years. In all, he was deeply dedicated to the best interests of the University, and I am grateful that Notre Dame will continue to benefit from his excellent scholarship and effective teaching.

## Homily at Close of Summer Session

(Delivered by Rev. Robert J. Austgen, C.S.C., director of the Summer Session, at Sacred Heart Church, Aug. 5, 1977, at the close of the Notre Dame Summer Session.)

Graduates, colleagues, friends,

This morning I bring you three enigmatic statements inspired by St. Paul's Letter to the Romans (Rom 10:14ff.) 1) BEFORE THE WORD OF GOD CAN GET ITSELF LIVED, IT MUST GET ITSELF BELIEVED; BUT WHAT IS BELIEVED IS NOT ALWAYS LIVED.

For us this speaks of the mystery and power of sin, an echo of the tragic nature of life, the discouragement of idealism, the frustration of accomplishment, the obstruction of man's potential and society's progress. 2) The second statement is much like the first: BEFORE THE WORD OF GOD CAN GET ITSELF BELIEVED, IT MUST GET ITSELF HEARD; BUT WHAT IS HEARD IS NOT ALWAYS BELIEVED.

For us this speaks of the power and mystery of free choice, the violence and creativity of freedom, the power to change and to shape, to transform or to thwart.

And there were those of His own disciples who when they heard His words, turned away and left Jesus. (John 6:61f.) 3) And underpinning all this is yet a third enigmatic facet of the Christian Way. It is upon this perception of St. Paul that I wish to dwell for a few moments with you, on this your day of graduation.

BEFORE THE WORD OF GOD CAN GET ITSELF HEARD, IT MUST GET ITSELF SAID; BUT WHAT IS SAID, IS NOT ALWAYS HEARD. For us, this Pauline trope captures the power and mystery of the Christian kerygma; it connotes the task of Christian teacher and preacher, the urgent challenge of that modern institution we call the Catholic University.

To explain with optimism that God is not mad, that we are not hollow men, that the universe is not without purpose, that we are not moral nomads on a pointless pilgrimage; to speak and be heard, that is our task and your mission as you leave us today.

It is a difficult task in itself to interpret Christ's message. To show that Christ is relevant, to speak so that He is heard and understood--what a singular responsibility we have!

Here we stand in this computerized, atomized, urbanized, twin-barrelled culture. How are we to make Christ and His message a living reality to our neighbor today?

We must talk the language of the man on the street...but what! when the language of the street is the wrong language!? We must walk with the man on the street--through the shopping centers and inner city, the factory and suburb--but what! when the man on the street is walking in the wrong direction!?

Interpretation, adaptation, relevancy; this is the most difficult yet important mission facing us in Christian education today.

How do we untangle the knots of evil and pain endured and evil hated? How do we distinguish the sheep from the goats, the weeds from the good crop, the seeds from the planting, the thrashing, the harvesting? How do we distinguish the ways of the secular world from the path of the Incarnated Son of God? How do we speak and be heard?

I've often wondered how those first educators and administrators of the Church, Peter and Paul, handled the situation in the early 50s and 60s. The story of our Christian beginnings is not a typical success story--log cabin to White House. The Incarnation was quite the other way round, White House to log cabin. Bethlehem and Calvary, and all the dusty miles in between, simply do not add up to power and promise when measured by contemporary standards.

In the early 30s we find a volatile, oppressed Roman satellite of the Middle East looking for changes--political, social and economic, as well as religious and moral. Patriotism, plumbing and playgrounds, they were all there in their harsh reality along with the Temple and morals and ethics.

There was a growing persuasion that this Galilean might muster the forces to introduce those coveted changes, but, as we know, this hope was frustrated by a cross and pierced side.

What despair and disappointment that Friday night, yet there came that Easter morning! "Look at my hands and feet...put your hand into my side." He was alive! Resurrected!

It took days and weeks to convince those disciples, but then they saw, and what a difference that vision made! What they saw was not taught by man. (Gal 1:11). Now all at once, all of creation was changed for them. They saw a "new heaven and a new earth" (Rev 21:1). There was new meaning to living. He was the first born of all creation (Col 1:15). In Him, all things hold together (Col 1:17). There was now "One body, one Spirit, one Lord" (Eph 4:3).

There followed the obvious questions: Why had the God in Heaven chosen to do it this way? What was the meaning? The first theologizing of the Christian community gave birth to a new metaphysic. The fabric of nature was now explored from a fresh point of view: history was re-interpreted, man re-evaluated, society re-ordered. The impelling feature of early Christian thinking was this sense that the world was now made new in the person of Christ.

Today, we stand with those first educators and thinkers. None will deny that Christ must be as relevant today in 1977, as He was in A.D. 77 or 33. He is alive and resurrected! The Word of God, we say, is a living Word. The Work of God, we say, continues in the mind and heart of modern man but have we heard! God's will and purpose for His people is not so much to be learned from things past as to be recognized in things present.

In Pauline languages, Jesus Christ came to reconcile all things to the Father whether on earth or in the heavens (Col 1:20). As stewards of those same mysteries (I Cor 4:10), we are called, as Paul, to reconcile this modern world of ours with all its conflicts and contradictions. As teachers and educators, we are called to probe deeply into the bedrock of human life and bring forth a fresh vision of Christian unity, one that speaks to the man on the street.

This Christ-like vision will take things as they are, whether found in the factory or mall, the suburb or inner city; it will reshape and transform them. It will lay hold of everything and leave nothing unchanged, whether it be art or science, government or business.

As you leave us today and return to that special place in the world, that in the divine scheme of things only you can fill, it is our prayer and fervent wish that your presence may speak of Christ to those with whom you live of a new heaven and new earth; that seeing you and hearing you, they may come to know Him, the Alpha and Omega (Rev 21:6), the fullness of all creation (Col 1:19).

May God bless you and guide you.

## Summer Session Commencement Address

(Delivered by Isabel Charles, dean of the College of Arts and Letters, at the commencement exercises at the University of Notre Dame, Aug. 5, 1977.)

Reverent Father Provost, colleagues, graduates and friends:

We are gathered here this morning to do honor to you who have labored long and arduously to achieve an important goal in your lives. For some of you the degree you now hold in your hand is the symbol of the highest academic achievement in your discipline; for others, the degree is a passport to certain other worlds upon which you have set your sights; for yet others, it is a way-station through which you will pass or even linger before launching out toward other, perhaps as yet even unknown, directions. But for all of you this degree from the University of Notre Dame will serve as an important tool, a pregnant tool, representative of a fierce investment of energy, time, money and--indeed--power.

In preparing to speak to you today, I was conscious primarily of two possibly contradictory things: first, the importance of this ceremony in your lives and second, the eagerness with which most of you look forward to its aftermath. Notre Dame's Summer Session, though conducted in a setting of idyllic beauty and restfulness, moves at an incredibly fast pace in usually barely endurable heat (I know from experience, having received my M.A. here in 1960 after six intense summers!). You want and need a ceremonial pause in which to reflect upon the meaning and worth of the achievement we honor today. At the same time you want to be "on your way," literally and figuratively.

What then, I pondered, is the most succinct, compact, incisive way of speaking worthwhile thoughts. Poetry, of course. That distillation, that essence of human speech. But a poet I am not. I am, however, a friend of poets. I revel in their company and take great joy in sharing that pleasure with others.

I turned, then, for help in speaking with you today to one of my most beloved of poet-friends, Robert Frost. Frost has suffered some nasty criticism recently, but he is a wise and homely poet of deceptively simple craft.

One of my favorites among his shorter poems seemed particularly apt for this occasion. It comes from a collection called In the Clearing, published in 1962, just the year after his memorable participation in John F. Kennedy's inauguration and the year before his death at the age of 89. Let me read it to you. The poem is entitled:

"The Objection to Being Stepped On"

At the end of the row  
I stepped on the toe  
Of an unemployed hoe.  
It rose in offense  
And struck me a blow  
In the seat of my sense.  
It wasn't to blame  
But I called it a name.

And I must say it dealt  
 Me a blow that I felt  
 Like malice prepense.  
 You may call me a fool,  
 But was there a rule  
 The weapon should be  
 Turned into a tool?  
 And what do we see?  
 The first tool I step on  
 Turned into a weapon.

What, you may ask, does this silly incident of a farmer and his hoe have to do with us who are students of the mind, devotees of the intellect? But you know as well as I that a good poem means more than it says. Frost was so right when he once described a poem as beginning in delight and ending in wisdom. Who of us has not had such an experience as Frost describes here? Haven't we all angrily lashed back at a thing--often a valuable tool--which has, through our own inadvertence or awkwardness--turned into a weapon to be used--sometimes violently--against us?

But the university of the experience is even more cogently couched. Frost chooses the farmer, the primeval worker and the hoe, one of the earliest of instruments, to send us backward through time--back even to Eden's garden and Adam's fault. Remember the little verse from the New England Primer used to teach the Puritan children the letter A?

In Adam's fall  
 We sinned all.

Frost knows that all of us, regardless of our degree of sophistication, respond to the basic earthiness of a garden scene. He knows too that our roots are deeply there despite differences in ethnic or religious background. It is not without intent either that he asks in the poem the simple question:

But was there a rule  
 The weapon should be  
 Turned into a tool?

How certainly he forces us back to Isaiah's visionary words about the people who "will hammer their swords into ploughshares, / their spears into sickles." At the same time he pokes fun at their comic inversion in the incident at hand.

With the few seemingly straightforward lines of this poem, Frost has guided us subtly through the course of human history, spanning the unnumbered years from Adam through Isaiah to the farmer of the 60s strolling through his garden. And is that farmer so different from us of the 70s garbed in our academic attire or our summer casuals? Not so very, most of us will admit.

His setting may be bucolic and remote from many of us, but his problem is not all that limited.

Everything man touches, it seems, has its paradoxical (and sometimes, thank God, comical!) possibilities. Sure, we can turn weapons into tools, but we can also turn tools into weapons. And indeed, need to sometimes. Even the word of God is a two-edged sword! Life is complex. That's a truism. But why?

Partially, it seems to me, one can answer that by looking at the poem's title, "The Objection to Being Stepped On." Just try "stepping" on any of us and we know our response--very like the hoe, indeed! Because we are proud--and rightly so--of being who we are--woman, man, tool, weapon. But that honest pride, as with Adam, can get us into trouble--big trouble, on occasions.

But let me come back to today's graduation, this moment of pride and satisfaction, for all of us here. (Here she is, I can imagine you thinking, claiming a concern for brevity, and all the while infringing on our time, stepping on our toes, as it were.) In truth, though, I lean on Frost's wisdom here to bid you concern yourselves for these few moments with the power of the additional tool you now hold in your hands.

May it be for you a source of pride and of purpose! May it serve you in its complexity as a tool or as a weapon, and may you always be conscious of its value as an instrument resounding to the glory of God, of country, and of Notre Dame!



# 1977 Audio Visual Equipment Inventory

To: The Faculty and the Academic Administration of the University

Before his recent retirement as director of the Audio Visual Center, Frank R. Maxwell completed an updated version of the Audio Visual Inventory of equipment located in the various colleges and centers other than the Audio Visual Center. The purpose of such a list is to keep fresh in the minds of the faculty and administration the broad range of equipment available with the hope that the faculty will have recourse to it. Anyone who wishes to use this equipment should contact the department which has custody of it.

The University continues to request that the Audio Visual Center staff be consulted before any purchase of audio visual hardware is made in order to ensure that a reasonable amount of uniformity and compatibility of equipment exists across campus.

Sr. Elaine DesRosiers, O.P.  
Director of Educational Media

<u>TYPE OF EQUIPMENT</u>	<u>LOCATION BY DEPARTMENT</u>	<u>LOCATION BY COLLEGE</u>
<u>8MM Projectors (Reel-to-Reel)</u>		
1 Bolex SM-8	Art	Arts & Letters
1 Bolex SM-8	American Studies	Arts & Letters
3 Kodak 120	Physics	Science
1 Kodak M-95	Aerospace	Engineering
1 Kodak MFS-8	Aerospace	Engineering
1 Eumig S180D	Aerospace	Engineering
1 Kodak Ektagraphic 210	Biology	Science
<u>8MM Projectors (Continuous Loop)</u>		
1 Technicolor 800	Physics	Science
2 Technicolor 810	Metallurgical Engineering	Engineering
1 Technicolor 800	Aerospace	Engineering
7 Technicolor 500	Biology	Science
3 Technicolor 810	Biology	Science
<u>8MM Cameras</u>		
1 Bolex Super 8	American Studies	Arts & Letters
2 Canon 578	American Studies	Arts & Letters
2 Kodak D140	American Studies	Arts & Letters
1 Bolex 155 Macro-zoom	Art	Arts & Letters
1 Minolta 8-D6	Art	Arts & Letters
1 Leitz Mikas	Lobund	Science
1 Miranda Sensorex	Lobund	Science
1. Mikon FTM	Lobund	Science
1 Bell & Howell Focusmatic	Civil Engineering	Engineering
1 Kodak 200	Aerospace	Engineering
1 Bolex Macro-zoom	Architecture	Engineering
1 Bolex Super 8	Speech/Drama	Arts & Letters
1 Minolta Super 8	Speech/Drama	Arts & Letters
1 Bell & Howell 220	Biology	Science
<u>16MM Projectors</u>		
1 Bell & Howell 273	Lobund	Science
1 R.C.A. 1600	Lobund	Science
1 Bell & Howell 185	Physics	Science
1 Bell & Howell 552	Physics	Science
1 Bell & Howell 552	Chemistry	Science
1 Bell & Howell 540	C.C.E.	C.C.E.
1 Bauer (Pedestal, fixed)	C.C.E.	C.C.E.
1 Bell & Howell 552-T	Marketing	Business
1 R.C.A. 416-R	Art	Arts & Letters
1 R.C.A. 416	Physical Education	Rockne Memorial
1 R.C.A. 1600	Psychology	Arts & Letters
1 Bell & Howell 302	Aerospace	Engineering
1 Bell & Howell 540	Aerospace	Engineering

TYPE OF EQUIPMENTLOCATION BY DEPARTMENTLOCATION BY COLLEGE

2 Kodak BP 16AR  
 1 R.C.A. 1600  
 1 Bell & Howell 1592B  
 1 Bell & Howell PB68,53832  
 1 Bell & Howell PB67,39867  
 1 Kodak AV 12E6  
 1 Bell & Howell 179  
 1 R.C.A. 400  
 1 R.C.A. 400-MI-1338

Aerospace  
 Computing Center  
 Architecture  
 Architecture  
 Architecture  
 Biology  
 Biology  
 Modern Languages

Engineering  
 Computing Center  
 Engineering  
 Engineering  
 Engineering  
 Science  
 Science  
 Arts & Letters

16MM Cameras

1 Bolex H-16  
 1 Bolex H-16 Rex 5  
 1 Bell & Howell 70-DA  
 1 Bolex H-16  
 1 Bolex H-16  
 1 Bolex H-16

Art  
 Art  
 Aerospace  
 Aerospace  
 Civil Engineering  
 Biology

Arts & Letters  
 Arts & Letters  
 Engineering  
 Engineering  
 Engineering  
 Science

35MM Slide Projectors (Manual)

1 Revere 3-Dim.  
 4 Leitz 4690C-31  
 1 Leitz Prado Universal  
 2 Leitz Prado 500  
 1 Leitz Prado (Thin Section)  
 1 Leitz 98-502  
 1 Leitz/FA-500  
 1 Leitz Prado  
 4 Kodak Carousel 750  
 3 Leitz Prodivit 24  
 1 Leitz Prado Universal  
 1 Leitz Prado-Small  
 1 Kenner Super-Show  
 1 S.V.E. Schoolmaster

Art  
 Art  
 American Studies  
 Earth Science  
 Earth Science  
 Lobund  
 Lobund  
 Aerospace  
 Architecture  
 Architecture  
 Biology  
 Biology  
 Modern Languages  
 Modern Languages

Arts & Letters  
 Arts & Letters  
 Arts & Letters  
 Science  
 Science  
 Science  
 Science  
 Engineering  
 Engineering  
 Science  
 Science  
 Science  
 Arts & Letters  
 Arts & Letters

35MM Slide Projectors (Automatic)

2 Bell & Howell 961  
 2 Kodak Carousel Ektagraphic AF-2  
 1 Kodak Carousel 800  
 1 Kodak Ektagraphic AF-2  
 1 Kodak Carousel 800  
 1 Kodak Carousel 800  
 1 Kodak Carousel 800  
 1 Kodak Carousel 760H  
 1 Kodak Carousel 760ZH  
 1 Kodak Carousel 800  
 1 Kodak Ektagraphic AF-2  
 1 Kodak Carousel 800  
 8 Kodak Carousel 800  
 3 Sawyer Rotomatic  
 1 Kodak Carousel AV-580  
 1 Sawyer Rotomatic  
 1 Revere 888  
 1 Kodak Carousel 750-H  
 1 3M Sound Slide System 125-A  
 1 Kodak Ektagraphic AF-2  
 1 Kodak Carousel 800  
 1 Revere 888  
 1 Kodak 850  
 2 Kodak Ektagraphic AF-2  
 1 Kodak 760 H  
 2 Kodak 850  
 3 Kodak Carousel  
 1 Sawyer's 500R (SN-97064)  
 1 Kodak Carousel 760Z

C.C.E.  
 Art  
 Chemistry  
 Chemistry  
 Civil Engineering  
 Earth Science  
 History  
 Lobund  
 Lobund  
 Marketing  
 Mediaeval Institute  
 Metallurgical Engineering  
 Psychology  
 Psychology  
 Physics  
 Physics  
 Chemical Engineering  
 American Studies  
 Audio-Visual Laboratory  
 Business Administration  
 Aerospace  
 Aerospace  
 Computing  
 Architecture  
 Architecture  
 Architecture  
 Biology  
 Modern Languages  
 Modern Languages

C.C.E.  
 Arts & Letters  
 Science  
 Science  
 Engineering  
 Science  
 Arts & Letters  
 Science  
 Science  
 Business  
 Memorial Library  
 Engineering  
 Arts & Letters  
 Arts & Letters  
 Science  
 Science  
 Engineering  
 Arts & Letters  
 Arts & Letters  
 Business  
 Engineering  
 Engineering  
 Computing Center  
 Engineering  
 Engineering  
 Engineering  
 Science  
 Arts & Letters  
 Arts & Letters

TYPE OF EQUIPMENTLOCATION BY DEPARTMENTLOCATION BY COLLEGEFilmstrip Projectors (Manual)

1 S.V.E.	Physics	Science
2 S.V.E.	Earth Science	Science
1 Argus B	Aerospace	Engineering
1 S.V.E. AAA	Aerospace	Engineering
1 Kodak Attachment for Kodak Carousel	Biology	Science
1 Spencer Filmstrip Attachment for Delineascope	Biology	Science
2 Standard 333	Modern Languages	Arts & Letters
1 Filmstrip Proj. with Phonograph, McClure 23814	Speech/Drama	Arts & Letters

Filmstrip Projectors (Automatic)

1 Dukane 14A-390B	Physical Education	Rockne
1 Beseler Salesmate 11-13	Psychology	Arts & Letters
1 McClure 23814	Speech/Drama	Arts & Letters
1 Standard 333 (SN-M22355)	Modern Languages	Arts & Letters
1 SVE School Master	Modern Languages	Arts & Letters

35MM Cameras

1 Leica M-3	Art	Arts & Letters
1 Leitz Reprovit 11A	Art	Arts & Letters
1 Repronar	Art	Arts & Letters
1 Revere 3 Dimensional	Art	Arts & Letters
1 Leica 111	Earth Science	Science
1 Leica Zoom/Telescopic Lens	Earth Science	Science
1 Lucida	Earth Science	Science
1 Minolta SRT 100	Aerospace	Engineering
1 Nikon F	Civil Engineering	Engineering
1 Nikon F	Architecture	Engineering
1 Kalimar SR-200	Biology	Science
1 Leica-Flex SL	Biology	Science

Lantern Slide Projectors (3 1/4"x4")

1 American Optical Spencer Delineascope	Chemistry	Science
2 Beseler Slide King 3610	Lobund	Science
1 American Optical Delineascope	Physics	Science
1 Bausch & Lomb 16747	Metallurgical Engineering	Engineering
1 Beseler 9436	Aerospace	Engineering
1 American Optical Delineascope	Earth Science	Science
1 American Optical 3610	Biology	Science
1 American Optical Delineascope	Biology	Science
1 Beseler Slide King 3610	Biology	Science

4" x 5" Copying Cameras (Poloroid or Conventional)

1 Grover 4" x 5"	Art	Arts & Letters
1 Mamiya Press Camera	Earth Science	Science
1 Poloroid 900	Earth Science	Science
1 MP-3 Poloroid Copy Camera Outfit	Chemical Engineering	Engineering
1 MP-3 Poloroid Copy Camera Outfit	Civil Engineering	Engineering
1 Poloroid 110A	Civil Engineering	Engineering
1 MP-3 Poloroid Copy Camera Outfit	Lobund	Science
1 Poloroid C-12	Aerospace	Engineering
1 Fairchild 302	Aerospace	Engineering
2 MP-3 Poloroid Copy Camera Outfit	Biology	Science
1 Speed Graphic Press Camera	Biology	Science

TYPE OF EQUIPMENTLOCATION BY DEPARTMENTLOCATION BY COLLEGEOverhead Transparency Projectors

2 American Optical Apollo 3651	Marketing	Business
1 Buhl A3572	Marketing	Business
1 Bell & Howell 301	Marketing	Business
1 3M 567	Marketing	Business
2 American Optical Apollo 3651	Psychology	Arts & Letters
2 Bell & Howell 301	Psychology	Arts & Letters
1 American Optical 3550	Physics	Science
4 3M	Physics	Science
2 Bell & Howell 301	Aerospace	Engineering
1 Buhl (Koolite)	Aerospace	Engineering
1 3M Model 90C	Aerospace	Engineering
1 3M Model 66AG	Aerospace	Engineering
1 3M Thermofax Portable	Aerospace	Engineering
1 Technifax 6000	Aerospace	Engineering
2 Bell & Howell 301	Business Administration	Business
11 Buhl (Xerox)	Business Administration	Business
1 Bell & Howell 301	Civil Engineering	Engineering
2 3M Model 88	Chemistry	Science
1 Bell & Howell 301	Chemical Engineering	Engineering
1 Beseler Master Vu-Graph	Chemical Engineering	Engineering
2 Bell & Howell 301	C.C.E.	C.C.E.
1 Bell & Howell 301	Electrical Engineering	Engineering
1 Bell & Howell 301	Music	Arts & Letters
1 Beseler Porta Scribe	Earth Science	Science
2 3-M	Earth Science	Science
6 Buhl (Xerox)	Accounting	Business
1 3M 121AG	Audio-Visual Lab	Arts & Letters
1 Bell & Howell 301	Audio-Visual Lab	Arts & Letters
1 Buhl (Xerox)	Finance	Business
1 3M Model 66AG	Finance	Business
1 3M Model 121	Lobund	Science
1 Technifax Travelgraph 2100	Metallurgical Engineering	Engineering
1 Bell & Howell 380	Computing Center	Computing Center
1 Buhl (Xerox)	Management	Business
1 Sylvania 6600	Architecture	Engineering
1 Bell & Howell 301F	Biology	Science
1 Beseler Master Vu-Graph 660	Biology	Science
3 3M 88AG	Biology	Science
1 Bell & Howell 301	Law School	Law School
1 Beseler Master Vu-Graph H-9193	Modern Languages	Arts & Letters

Opaque Projectors

1 American Optical	Chemical Engineering	Engineering
1 Beseler Vu-Lyte	Physics	Science
1 Opa-Scope	Aerospace	Engineering
1 Bell & Howell 301	Chemistry	Science
1 Vu-Lyte III	Architecture	Engineering

Disc Record Player

2 Gates (Professional)	C.C.E.	C.C.E.
1 General Electric Portable	English	Arts & Letters
1 Newcomb AVT-25V	English	Arts & Letters
1 Motorola X218	English	Arts & Letters
3 Panasonic SL20	Music	Arts & Letters
1 Garrard Type A	Music	Arts & Letters
1 Califone #1155-K	Physical Ed.	Rockne Memorial
1 Newcomb Solid State 606465	Modern Languages	Arts & Letters
1 Newcomb AVT 25V	Modern Languages	Arts & Letters

Audio Tape Recorders (Cassette)

2 Norelco 84	Aerospace	Engineering
1 Sony C-70	Aerospace	Engineering
1 Sears 572	Metallurgical Engineering	Engineering

TYPE OF EQUIPMENTLOCATION BY DEPARTMENTLOCATION BY COLLEGE

1 Sony  
 1 Sony TC-900  
 3 Sony TC-110A  
 2 Sony TC-106AV  
 1 Wollensak 2550AV  
 1 Wollensak 2520AV  
 1 Sony  
 6 Sears 57-2164  
 1 Sony TC 570  
 2 General Electric M-8430  
 3 Sony

Earth Science  
 Psychology  
 Psychology  
 Psychology  
 Civil Engineering  
 Mathematics  
 Philosophy  
 Speech/Drama  
 Speech/Drama  
 Biology  
 Law School

Science  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters  
 Engineering  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters  
 Science  
 Law School

Audio Tape Recorders (Reel-to-Reel)

2 Allied Radio TR 1080  
 1 Ampex PR 500  
 1 Revere-Wollensak 1220  
 1 Revere-Wollensak 1580  
 7 Revere-Wollensak 5730  
 2 Revere-Wollensak 5740  
 1 Ampex 400  
 2 Revere Wollensak  
 1 Telex Console (4 Viking Decks)  
 2 Sony TC 280  
 1 Norelco EL 35410  
 1 Ampex PR-10 (Fixed)  
 2 R.C.A. (Fixed)  
 1 Uher 4000 Report L  
 1 Wollensak 1520  
 1 Sony TC 630  
 1 Wollensak 10W  
 1 AT Burgess Model SC-1  
 2 Revere-Wollensak T-3000  
 Sr. No. 3003246 & 3031810  
 2 Revere Wollensak T-1500  
 1 Revere Wollensak T-2000  
 1 Voice of Music

Aerospace  
 Psychology  
 Psychology  
 Psychology  
 Psychology  
 Psychology  
 Music  
 Music  
 Music  
 Music  
 Music  
 Hayes-Healy Control Room  
 C.C.E. Control Room  
 Art  
 Computing Center  
 Architecture  
 Architecture  
 Biology  
  
 Modern Languages  
 Modern Languages  
 Modern Languages  
 Law School

Engineering  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters  
 Business  
 C.C.E.  
 Arts & Letters  
 Computing Center  
 Engineering  
 Engineering  
 Science  
  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters  
 Law School

Audio Tape Recorders (Specialized)

1 Audio Tutorial System B  
 (Burgess 25 Station)  
 1 Telex 230 Reel-to-Reel Tape  
 Duplicator (Master + 5 Slaves)  
 69 Audio-Tutorial Systems  
 4 Thompson-Rans-Woodridge

Earth Science  
  
 Modern Languages  
 Modern Languages  
 Modern Languages

Science  
  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters

Video Tape Recorders

1 Ampex VR 5100 (1")  
 1 Diamond Power DP-2 (1")  
 2 General Electric PTZA (1/2")  
 1 General Electric 4TD-182 (1/2")  
 1 Sony VO-1600  
 1 General Electric PT-3A  
 Portable (1/2") Tri-Pack  
 1 Panasonic NV 8100 D (1/2")  
 1 Panasonic NV 30 ZOSD (1/2")  
 1 Panasonic NV-3160  
 1 GE Model 4TD1B2 (#3)  
 1 GE Model 4TD1B2 (#4)  
 1 Sony Model AV 3650

Theology  
 Hayes-Healy Control Room  
 Accounting  
 Engineering  
 Engineering  
  
 Management  
 Psychology  
 Psychology  
 Psychology  
 Audio-Visual Lab  
 Audio-Visual Lab  
 Audio-Visual Lab (Social  
 Science Training Lab)

Arts & Letters  
 Business  
 Business  
 Business  
 Engineering  
 Engineering  
  
 Business  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters  
 Arts & Letters

1 GE Model 4TD182  
 1 Concord VTR 1120  
 1 Sony AV 3650  
 1 JVC (Model CR 6060 U)  
 1 Sony VC-2000 (1/2")  
 1 Sony AV-8600 (1/2")  
 (EIAJ-Color)

Physics  
 Speech/Drama  
 Speech/Drama  
 Biology  
 Law School  
  
 Law School

Science  
 Arts & Letters  
 Arts & Letters  
 Science  
 Law School  
  
 Law School

TYPE OF EQUIPMENTLOCATION BY DEPARTMENTLOCATION BY COLLEGE

1 Wollensack 1520 AV  
(Sr. No. 15284872)  
2 Wollensack 2520 AV  
(Sr. No. 00055590 &  
00056212)  
1 Panasonic NV 3130  
(Color 1/2" EIAJ)

Modern Languages

Arts & Letters

Modern Languages

Arts & Letters

Law School

Law School

Television Cameras

1 Dage 101106-02  
1 GE 4TE23B1  
1 Diamond Power ST-1 (Fixed)  
2 General Electric PTZA  
1 GE PT3A  
1 General Precision 700  
1 Panasonic 80/80 Camera  
30/80 Recorder  
1 Panasonic WV340P  
1 Panasonic WV220P  
1 Sony AV 8400/AVC 3400  
2 RCA RK-301 Vidicon  
1 GE TE-33  
1 GE TE-34

Physics  
Physics  
Hayes-Healy 124  
Accounting  
Management  
Lobund  
  
Psychology  
Psychology  
Psychology  
Psychology  
Metallurgical Engineering  
Audio-Visual Lab  
Audio-Visual Lab (Social  
Science)  
Engineering  
Engineering  
Aerospace

Science  
Science  
Business  
Business  
Business  
Science

Arts & Letters  
Arts & Letters  
Arts & Letters  
Arts & Letters  
Engineering  
Arts & Letters  
Arts & Letters

1 General Electric 4TE23B1  
2 RCA PX-301  
1 Sony AVC 32505  
1 JVC-GC-1 PV-4800V  
Color System with JVC-  
GA-200 Microscope Attach  
1 Sony 3210-DX  
2 Sony 3200 (Fixed)  
2 Sony AV-4200A  
(one with zoom)

Biology  
Law School  
Mock Law Office

Engineering  
Engineering  
Engineering

Science  
Law School  
Law School

TV Control Room

Law School

Television Sets/Monitors

2 Dage Bell Monitors  
1 GE Monitor 4TH31B1  
2 Electrohome 9" (Fixed)  
4 Setchell-Carlson (Fixed)  
1 Setchell-Carlson (Fixed)  
2 General Elec. (on stands)

Physics  
Physics  
Hayes-Healy Control Room  
Hayes-Healy (classrooms)  
Hayes-Healy Control Room  
Freshman Year

Science  
Science  
Business  
Business  
Business  
Freshman Year Learning  
Resource Center  
Arts & Letters  
Arts & Letters  
Arts & Letters  
Arts & Letters  
Engineering

2 Panasonic AV 22005  
1 RCA 25" JU 970W  
1 Sony 17" CVM 1720  
1 Sony CVM1112  
1 RCA PX-23  
11 Setchell-Carlson (on  
stands)  
4 Setchell-Carlson (Fixed)  
1 RCA PX23  
2 GE #CEM 723GRG-A1  
1 Wollensack V22

Psychology  
Psychology  
Psychology  
Psychology  
Metallurgical Engineering

C.C.E.  
C.C.E.  
Engineering  
Audio-Visual Lab  
Arts & Letters

1 Sony CVM-115  
  
4 GE 723 GBG-A1  
1 Concord MRC 12  
1 Sony Monitor CEM 723  
1 JVC (Model 7860) Color  
Receiver  
9 Setchell-Carlson 25"  
Color (Fixed)  
2 Sony CVM-1225 Color  
1 TV Director's Monitor

Audio-Visual Lab (Social  
Science)  
Audio-Visual Lab (Social  
Science)  
Chemistry  
Speech/Drama  
Biology

Arts & Letters  
  
Arts & Letters  
Science  
Arts & Letters  
Science

Biology

Science

Law School (classrooms)  
Law School  
Law School

Law School  
Law School  
Law School

<u>TYPE OF EQUIPMENT</u>	<u>LOCATION BY DEPARTMENT</u>	<u>LOCATION BY COLLEGE</u>
<u>Portable Public Address Equipment</u>		
1 Perma Power Podium	C.C.E.	C.C.E.
1 Porta-Page Public Address Speaker	Earth Science	Science
10 Citizens Band Transceivers	Earth Science	Science
2 A1WT-DY71A Altec 686A	Chemistry	Science
1 Portable Porta-page Soundcraft PWR BY-1	Biology	Science
1 Speaker, Criterion 2X 99-02388 W	Modern Languages	Arts & Letters
1 Speaker, Quam 8A31PAB/270618	Modern Languages	Arts & Letters
<u>Other Related Items</u>		
2 Microphones EV-631AH	Audio Visual Lab (Social Science Lab)	Arts & Letters
1 Mike-Mixer 3M Model A0485	Audio Visual Lab (Social Science Lab)	Arts & Letters
1 Locking Cabinet-Advance Model SC-41	Audio Visual Lab (Social Science Lab)	Arts & Letters
1 Mike-Mixer--Bogen Model MX-6AT	Audio Visual Lab (Social Science Lab)	Arts & Letters
1 Kodak Visualmaker	Civil Engineering	Engineering
1 RCA PDA-2A	Engineering	Engineering
1 Panasonic Special Effects Generator VY922	Psychology	Arts & Letters
1 Olympus Phase Microscope with TV Color Display	Biology	Science
1 Leitz Prado Macro/Micro Projector w/microscope optics	Biology	Science
1 VT-52C Videotable	Biology	Science
2 Lavalier Microphones	Law School	Law School
2 Shure Microphone Mixers	Law School	Law School
1 Bulk Tape Erasure Robins Magnetic Eraser TM-99	Modern Languages	Arts & Letters
2 Large Fans--20" Portable FASCO 200 & FASCO U-200 Sr. No. 145313	Modern Languages	Arts & Letters
1 Projection Screen, KNOX Series 375	Modern Languages	Arts & Letters
1 Cassette Eraser, Sony BE-7	Modern Languages	Arts & Letters
1 Automatic 24-hr. Timer Time-all, Intermatic, Inc. EB-11	Modern Languages	Arts & Letters
1 High-speed Tape Duplicating Machine, Viking 235, Master & Slaves	Modern Languages	Arts & Letters
36 Audio-Active Headsets 1200 Telex	Modern Languages	Arts & Letters
2 Sony Microphones	Speech/Drama	Arts & Letters
1 Sony Mike-Mixer	Speech/Drama	Arts & Letters
1 Film Videoplayer Kodak VPI-001304	Speech/Drama	Arts & Letters
2 Tripods & Mounts AGW/MH-2S	Speech/Drama	Arts & Letters
3 TV Production Headsets Toshiba 600 HP	Speech/Drama	Arts & Letters
1 Portable Lighting Kit Colortran Mini-Pro Sr. No. H 150-012	Speech/Drama	Arts & Letters
1 Ednalite Projection Pointer	Lobund	Science
1 Omnitec Telephone Coupler	Psychology	Arts & Letters



## Correction

Two sentences were inadvertently left out of the Minutes of the 176th Meeting of the Graduate Council, May 19, 1977 in Notre Dame Report #20. The complete context of the two correct paragraphs follows.

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Present for this final council discussion of the Graduate Biology Quinquennial Review, Theodore Crovello was invited by the council chairman to comment on the overall review. He prefaced his comments with the suggestion that council members consult pp. 21-31 of his department's Report C - Departmental Response to the External Reviewers' Report, copies of which they had previously received. Those pages spell out in detail the department's moves to implement or counter the external reviewers' recommendations. He noted that they call for specific actions by the college dean and vice president for advanced studies to assist the department, faculty and students in meeting the department's reformulated goals. More generally and despite the inordinately delayed reports of the external reviewers, the review has proved to be a "fantastic stimulus" to the biology staff and students alike. It has evoked a strong and continuing involvement of the students from the outset but particularly in the preparation and production of the departmental response. For the future, Crovello recommended that departmental Review documents include submitted and approved, even though not funded, staff projects in addition to funded projects. In his view, a fairer statement of the department's research productivity would show that 40 per cent of the staff have major extramural support, 20 per cent have funding from minor or shared grants; 20 per cent have actively sought and had grants approved but not funded. The remaining 20 per cent are, according to Crovello, without research grants; funded or sought. Of these, one is on temporary appointment, another is on a terminal appointment, a third is involved in reshaping a lab program and the last is heavily involved in teaching and administration. This record, in his view, needs no apologies and compares favorably with any in the department's past.

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The Arnold-Hauerwas proposal for a variable review cycle provided that a department receiving a positive review in the current review would not be reviewed again for seven years whereas a department receiving a negative review would be reviewed again in five years. The discussion of this proposal generated a number of variants. Thus, some members suggested a discretionary rather than a fixed single or alternative cycle--the actual time interval between successive reviews being determined by the Graduate Council on the basis of the quality of the department's last review. A variant on this suggestion would leave the determination of review frequency to the reviewed department's faculty. The dean of engineering proposed that, within three years of an external review, an internal committee assess a program's compliance with the recommendations of its external review and then recommend to the council whether and when the program should be further reviewed. Noting that current reviews use up the first year of the five year cycle leaving a four year span in which to implement the review findings, the arts and letters dean suggested that a more appropriate time for addressing the whether and/or when of a subsequent review would arise naturally at the end of the four-year implementation time. At this point in the discussion it became clear that in fact two review modes were at issue, namely, a "basic" mode, such as we are presently in, and a "monitoring" mode, such as some of the follow-up reviews being proposed for assessing compliance with the basic mode findings. Though not mutually exclusive and probably correlative, each mode attracted articulate partisans. Another council member suggested continuing on some sort of a consultative arrangement of one or more of the external reviewers in the current review teams to return at a reasonable interval to assess a department's compliance with the basic review. A favorable assessment by the consultant would release a department from further review; an unfavorable assessment would require the council to decide on the most appropriate action: program termination or further review. In the perception of yet another council member, since in the final analysis, the quality of a department or a program depends rather on its faculty than its structure or content, only poor departments should be reviewed and then only to be discontinued.

## CIEE Off-Season ABC Flights

The Council on International Education Exchange Travel Service has recently proposed a 1978 Summer Flight Program to introduce a new type of ABC charter flight designed specifically for the educational community to offer a more viable alternative to the highly controversial fare reductions proposed by PANAM-TWA charters. Negotiations are still under way but requests for transatlantic space are still welcome. The program is predicated on specific requests and requirements of members determined from an analysis of the response to the original memorandum on the off-season flights proposal.

Following is the CIEE advance booking charter flight program proposal. Should these dates not serve your anticipated needs, please use the form to contact CIEE for alternate space. The staff has considerable expertise in evaluating group requirements vis-a-vis the current commercial and charter fares maze and will negotiate the most advantageous rates on your behalf. The extensive CIEE facilities also provide a range of additional services such as connecting flights (domestic and international) and accommodations and land arrangements in Europe.

### New York/Paris/New York

FLIGHT #	DEPART	RETURN	AIRLINE	DURATION	FARE (EXCL. TAX)
150	Dec. 12	Jan. 4	PANAM	3 wks.	\$319
151	Dec. 27	Jan. 27	PANAM/TIA	4½ wks.	\$289
152	Jan. 3	Jan. 27	PANAM/TIA	3½ wks.	\$289
153	March 17	March 25	PANAM	8 days	\$319
154	March 24	April 1	PANAM	8 days	\$319

### New York/Paris-Amsterdam/New York

165	Dec. 27	Jan. 30	PANAM/MP	5 wks.	\$289
166	Jan. 3	Feb. 13	PANAM/MP	6 wks.	\$289

### New York/London/New York

345	Dec. 17	Jan. 7	BCAL	3 wks.	\$319
346	Jan. 6	Jan. 21	BCAL	2 wks.	\$289
347	Jan. 6	Jan. 28	BCAL	3 wks.	\$289
348	Jan. 21	May 15	BCAL	16 wks.	\$289

### WEST COAST FLIGHTS

#### Oakland/Amsterdam/Oakland

700	Dec. 13	Jan. 3	MP	3 wks.	\$439
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#### Oakland/Paris/Oakland

614	Jan. 2	July 11	TIA	27 wks.	\$439
615	Jan. 2	Aug. 7	TIA	31 wks.	\$459
618	March 28	July 11	TIA	15 wks.	\$449
619	March 28	Aug. 7	TIA	19 wks.	\$459

#### Los Angeles/Amsterdam/Los Angeles

702	Dec. 20	Jan. 24	MP	5 wks.	\$429
703	Jan. 3	Jan. 24	MP	3 wks.	\$419
704	Jan. 24	May 30	MP	18 wks.	\$449

#### Los Angeles/Amsterdam-Paris/Los Angeles

701	Dec. 20	Jan. 3	MP/TIA	2 wks.	\$444
616	Jan. 3	July 28	MP/TIA	29 wks.	\$444
705	Jan. 24	July 28	MP/TIA	26 wks.	\$449
617	Jan. 24	Aug. 21	MP/TIA	30 wks.	\$449

All CIE member institutions and affiliates will qualify for a program grant for group bookings of 10 per cent of the fare per participant. A program grant application form is available upon request.

Taxes

Tax for Paris passengers: \$7.64  
Tax for London passengers: \$5.00  
Tax for Paris/Amsterdam passengers: \$8.00

Airlines:

BCAL - British Caledonian Airways  
PANAM - Pan American World Airways  
MP - Martinair  
TIA - Trans International Airlines

Request for Transatlantic Transportation

School: \_\_\_\_\_

Program Coordinator: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_  
(city)

\_\_\_\_\_  
(state)

\_\_\_\_\_  
(zip)

Telephone: ( ) \_\_\_\_\_

To Europe: \_\_\_\_\_  
(date) (from/to) (no. of seats)

From Europe: \_\_\_\_\_  
(date) (from/to) (no. of seats)

Program Location(s): \_\_\_\_\_

Land Arrangements:

(Please indicate if you will need assistance with transfers, hotels,  
sightseeing, on-going transportation within Europe, the Middle East  
or Africa)

Please return to:

Janice R. Holden  
Reservations Manager  
ABC Flight Department

COUNCIL ON INTERNATIONAL  
EDUCATIONAL EXCHANGE  
777 United Nations Plaza  
New York, NY 10017  
Tel: (212) 661-0310

Transportation Services Dept.  
CIEE-Student Travel Services  
236 North Santa Cruz, No. 314  
Los Gatos, CA 95030  
Tel: (408) 354-5147

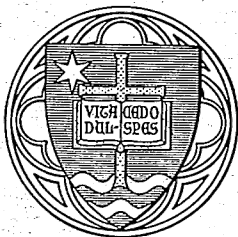
Dean Joseph C. Hogan  
College of Engineering  
Notre Dame, IN 46556

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## notre dame report



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