

UNIVERSITY OF  
NOTRE DAME

MAY 20 1975

NOTRE DAME  
COLLECTION

'74-'75

# notre dame report

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May 16, 1975

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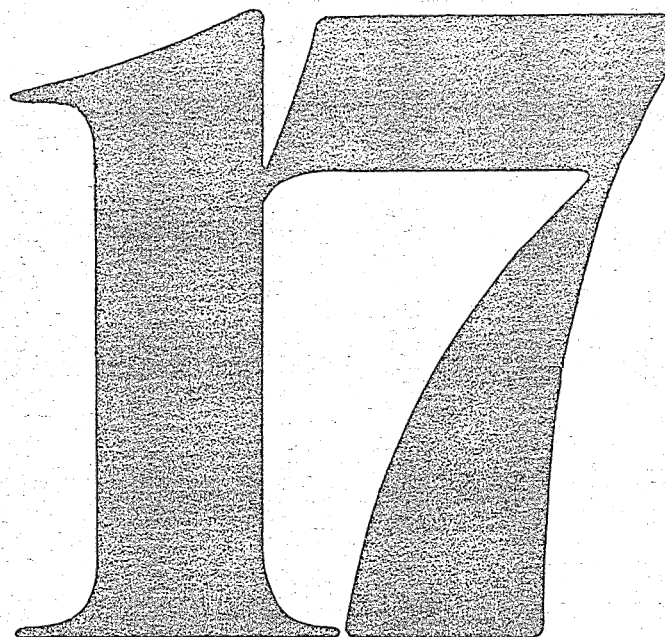
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# the university

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## Honorary Degree Recipients

Alan J. Pifer, president of the Carnegie Corporation of New York and the Carnegie Foundation for the Advancement of Teaching, will be the speaker at the University of Notre Dame's 130th commencement exercises May 18 in the Athletic and Convocation Center.

Pifer will be among ten persons receiving honorary doctorates from Notre Dame at graduation ceremonies in which a total of 2,062 degrees are expected to be conferred.

Educated at Harvard College, Pifer did a year of graduate study on a fellowship to Cambridge University in England before administering the Fulbright Program in the United Kingdom between 1948 and 1953. He joined the Carnegie Corporation in 1953 as an executive assistant and became vice president of the corporation and vice president of the Carnegie Foundation for the Advancement of Teaching in 1963, acting president of both in 1965 and president of both in 1967. He has held numerous positions on local, state and national organizations, principally in the areas of foreign affairs, education and urban problems. He also originated, supported and participated in the Carnegie Commission on the Future of Higher Education, the most extensive study ever made of higher education.

Pifer will receive a doctor of laws degree. Others to be honored by the University are:

Arthur J. Decio, chairman of the board of the Skyline Corporation, Elkhart, Ind., doctor of laws;

Peter F. Drucker, Clarke Professor of Social Service at Claremont (Calif.) Graduate School and a noted management theorist, doctor of laws; Nancy Hanks, chairman of the National Endowment for the Arts, Washington, D.C., doctor of fine arts; Albert E. Jenner, Jr., a Chicago attorney who served as chief special counsel to the minority of the House of Representatives Committee on the Judiciary in the impeachment inquiry respecting President Nixon, doctor of laws; Congresswoman Barbara Jordan of the 18th District in Texas, doctor of laws.

Also Chancellor William D. McElroy of the University of California at San Diego, who is president-elect of the American Association for the Advancement of Science, doctor of science; Donald B. Rice, a Notre Dame alumnus who is president of the Rand Corporation, Santa Monica, Calif., doctor of engineering; author and publisher Frank Sheed, Jersey City, N.J., doctor of laws; and Alice Tully, New York, N.Y., a noted music patron and former singer, doctor of fine arts.

The Laetare Medal, given annually by the University to an outstanding American Catholic, will be awarded during commencement exercises to Sister Ann Ida Gan-non, B.V.M., president of Mundelein College in Chicago.

## Commencement

A total of 2,062 students at the University of Notre Dame, including 1,599 undergraduates, are candidates for degrees at the May 18 commencement ceremonies on campus. Among the post-baccalaureate degree candidates are 116 doctoral students in the Graduate School and 120 eligible for the Juris Doctor degree from the Law School.

One third of the candidates for the master's degree, 40 out of 116, are women, including 6 of 71 candidates for the M.B.A. A total of 200 or 10 per cent of the 1975 undergraduate class are women as the University completes its third year of coeducation at the baccalaureate level.

Included in the undergraduate degrees are 680 candidates from the College of Arts and Letters, 401 from Business Administration, 277 from Science and 241 from Engineering.

A total of 2,062 in the class compares with 2,216 last year, 2,090 in 1973, and 1,869 in 1972. There were 1,678 undergraduate degrees awarded last year, 262 master's, and 136 doctoral degrees.

A Baccalaureate Mass at 5 p.m. Saturday in the arena of the Athletic and Convocation Center will follow the traditional University officers' reception for parents from 2 to 3:30 p.m., May 17, in the Center for Continuing Education. Commencement will be at 2 p.m. Sunday, May 18, in the same facility. The Notre Dame Band has scheduled a public concert for 6:30 p.m. May 16 in the Memorial Library Mall and the Glee Club will perform at 8:30 p.m. May 17 in Stepan Center.

## Fr. Sheedy Award

A veteran University of Notre Dame professor of history, Matthew A. Fitzsimons, has been selected by fellow faculty members and students to receive the Father Charles E. Sheedy Award of 1975 for excellence in teaching.

Accompanied by a \$1,000 gift from an anonymous donor, the award is presented each year during the fall meeting of the College of Arts and Letters advisory council.

A teacher at Notre Dame for 38 years, Fitzsimons is a specialist in British history, America's foreign policy and international relations has served as editor of "The Review of Politics," a Notre Dame quarterly treating philosophical and historical approaches to political realities.

A recent evaluation of the professor in a student handbook stated that "Fitzsimons is a universal man and unequivocally qualified to teach history and historians. The opportunity to know him and work with him should not be passed up by any serious student, whether this is his major area of study or not."

Born in New York City, Fitzsimons received degrees from Columbia University, Oxford University and the University of Chicago. He is a member of the American and Catholic Historical Associations and the Indiana Academy of Science.

## Business Dean

Brother Leo V. Ryan, C.S.V., has been named dean of the College of Business Administration at the University of Notre Dame. The appointment, which is effective this summer, was made with the concurrence of the College of Business Administration Council.

A specialist in institutional finance, Brother Ryan succeeds Acting Dean Yusaku Furuhashi, who has served since the resignation of Dean Thomas T. Murphy in May 1974. Furuhashi will return to full-time teaching as professor of marketing.

Brother Ryan brings to Notre Dame national and international experience as a business and educational administrator, educator, corporation consultant, fund raiser and author. He received his Bachelor of Science degree in business administration from

Marquette University in Milwaukee, his M.B.A. in marketing from De Paul University in Chicago, and his Ph.D. in management and education from St. Louis (Missouri) University. Between 1957 and 1965, he held a variety of positions at Marquette, among them, assistant dean and evening division director of the College of Business Administration. He also founded and developed Marquette's Division of Continuing Education.

Brother Ryan joined the Loyola University of Chicago School of Business in 1965 as professor and chairman of the department of management. He later served as director of the Peace Corps in Western Nigeria, visiting professor at the Institute of Public Administration, University of Ife, and, in 1967, became the first American to receive a chieftancy title in Nigeria.

The new dean has served as assistant superior general and business administrator of his congregation, the Clerics of Saint Viator, and as liaison officer between the Union of Superiors General, Rome, and the Pontifical Commission for Justice and Peace, Vatican City. As a special assignment for the U.S. Catholic Conference in 1971, he was one of the drafters of the national Roman Catholic Bishops pastoral on education: "To Teach as Jesus Did."

Brother Ryan has been vice president of the Archdiocese of Chicago School Board, a member of the National Committee on Education of the U.S. Catholic Conference, national president of the Catholic Business Education Association, and a member of the board of directors of the Alpha Kappa Psi foundation for research in business and business leadership.

## New Law Dean

David T. Link, associate dean of the University of Notre Dame Law School since 1972, has been named to its deanship.

Link, 38, succeeds Dean Thomas L. Shaffer who is completing his fourth year as head of the Law School and who earlier had announced his intention to return to teaching in the school after a year's leave. "In Prof. Link, we believe we have the combination of continuity and innovation so important to the exercise of leadership in our Law School," commented Father Hesburgh.

Link, a specialist in law and technology, received a B.S. in commerce from Notre Dame in 1958 magna cum laude and a J.D. from Notre Dame Law School in 1961. He served five years as a trial attorney in the Office of Chief Counsel, Internal Revenue Service, Washington, D.C., where his work on computer applications in law earned him the "Young Federal Lawyer" award in 1964, then joined the Chicago law

firm of Winston, Strawn, Smith & Patterson, becoming a partner in 1969. He joined the Notre Dame law faculty in 1970.

Appointed to the newly created post of associate dean at Notre Dame in January, 1972, Link assumed responsibility for administration of sponsored programs in the Law School, including a joint Law School-Engineering project on computer applications in the administration of justice. He is past chairman of the American Bar Association's standing committee on law and technology, chairman of the Committee on Research and Continuing Legal Education of the ABA's Section on Taxation, and vice chairman of the governing council of the ABA Section on Law Office Economics and Management.

Link was recently appointed by Indiana's Governor Otis Bowen to a newly created commission on individual privacy and was chosen "Teacher of the Year" by this year's graduating class of the Law School. His appointment as the eighth dean of Notre Dame's Law School, the oldest under Catholic auspices in the nation, is effective June 1.

## Center for Human Development

The Center for Human Development, a group concerned with the spiritual renewal and continuing education of American Catholic priests, will establish its headquarters at the University of Notre Dame, effective June 1, Rev. Theodore M. Hesburgh, C.S.C., University president, announced.

Directed by Rev. Vincent Dwyer, O.C.S.O., the center trains priests to be spiritual directors and develops model programs for continuing education for priests. The center was created in 1972 and presently is located at Saint Mary's College in Winona, Minnesota.

According to a center spokesman, the group chose Notre Dame because it saw evidence here of commitment to serve the Church by developing leadership through such a continuing education program. Also, Notre Dame offers the possibility of affiliation with a doctoral program, particularly in pastoral theology, and a research base in theology to support the center's field work. The group also hopes to sponsor national seminars, symposia and similar "think-tank" events at the University.

The center is supported by a \$190,000 grant from Lilly Endowment, Inc., \$50,000 from the participating dioceses and \$5,000 from Retreats International, an organization for retreat masters.

## Pastoral Administration Summer Institute

An inter-demoninational Institute in Pastoral Administration has been scheduled by the graduate program in the College of Business Administration at Notre Dame June 16-20. Part of the annual Summer Session at Notre Dame, the emphasis at the institute will be on answers for clergy dealing with people, both staff and volunteer, and the organization and management of councils and committees. One day of the session will concentrate on the preparation and use of budgets.

Prof. C. Joseph Sequin, director of the Masters in Institutional Administration program at Notre Dame, noted that faculty for the institute will include Rev. Morton Kelsey, Episcopalian pastor and author; Kenneth Milani, assistant professor of accountancy and consultant on parish budgets; Rev. Chet Raber, Oaklawn Psychiatric Center education director and former pastor of Sunnyside Mennonite Church; Rev. William Rademacher, professor of systematic theology and director of pastoral formation at St. John's Seminary, Plymouth, Mich.; Brother Leo Ryan, C.S.V., newly appointed dean of the Notre Dame business college, and Notre Dame associate Prof. William Sexton, an authority on management problems in churches.

Persons interested in participating in the program are asked to contact Professor Sequin or the Summer Session office at Notre Dame.

## D'Alelio Receives Certificate of Merit

Dr. G. Frank D'Alelio, research professor of chemistry at the University, received the Air Force Certificate of Merit April 25 for his research contributions to the development of resins for lightweight, high-strength airplane structures.

D'Alelio was honored particularly for his discovery of new polymers capable of withstanding high temperatures yet readily processable at reasonable temperatures and pressures. He received a decade of support for his polymer research from the Air Force Materials Laboratory at Wright-Patterson Air Force Base in Ohio.

An expert in the fields of polymerization, rubber, plastics and fibers, D'Alelio holds more than 400 patents and is noted for the discovery of resins which permitted the cheap production of penicillin and other antibiotics. He joined Notre Dame in 1955 as chairman of the Department of Chemistry and after five years was named research professor.

## Catholic Studies Newsletter

The American Catholic Studies Newsletter, a semi-annual publication aimed at promoting the study of American Catholicism by furnishing information on research, meetings and publications in the field of American Catholic Studies, has been inaugurated by the University of Notre Dame. The first issue of the newsletter was distributed in April. It is edited by history assistant professor Jay Dolan.

## Engineering Honor Awards

William P. Lear, best known for the development and manufacturing of the Lear Jet, delivered the guest lecture on "Infinite Energy" at the College of Engineering's Honor Awards ceremony May 2. He is involved in research and development of low-pollution power systems to replace the internal combustion engine. The 1975 Engineering Honor Awards were presented to five individuals including three Notre Dame alumni. Recipients included William J. Halligan, retired chairman of the board of Hallicrafters Company; Charles W. Mueller (B.S., E.E.'34), fellow of RCA Laboratories; John A. Teske (B.S., E.E.'48), vice president and general manager, AiResearch Manufacturing Company of California; Francis L. VerSnyder (B.S., Met.'50), manager of materials engineering and research, Pratt & Whitney Aircraft, and Harry F. Vickers, retired president of Sperry Rand Corporation. The award, a Steuben glass bowl bearing the University's seal, is bestowed annually on individuals or organizations for significant contributions to the advancement of engineering or architecture, or for meritorious achievement in other fields by an engineer or architect.

## Blood Drive

During the month of May the University will be cooperating with the St. Joseph County Blood Bank which will be conducting a campus-wide blood drive for all faculty, administrative and staff employees. The program is designed to provide "blood insurance" -- protection against the high cost of blood replacement -- for all members of the Notre Dame employee's immediate family.

Each employee or a designated donor of his choice between the ages of 17 and 65 will be asked to donate one pint of blood per year to the St. Joseph County Blood Bank. In return, the donor will be given a membership card which will entitle the donor and his family to receive necessary blood transfusions free anywhere in the United States. There is a charge for administering blood while a patient in the hospital. This charge is covered by Blue Cross-Blue Shield for Notre Dame employees and dependents who are members of the University's group plan.

Pledge cards have been sent to faculty, administrators and staff. Additional cards are available for those who have not received one, from the Personnel office, which will schedule an appointment for the donor at the Student Infirmary. The first blood donations will be taken May 27 and 28 and will be scheduled every Tuesday and Wednesday thereafter until all pledges are fulfilled.

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# faculty notes

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## Non-university appointments

William Burke, assistant provost and professor of English, has been elected to a one-year term on the Indiana Committee for the Humanities, a citizens' organization awarding grants to support community educational programs in the state.

Rev. James T. Burtchaell, C.S.C., provost, has been reelected to a two-year term as a director of the Independent Colleges and Universities of Indiana, Inc. (ICUI).

G.F. D'Alelio, research professor in chemistry and a Fellow of the New York Academy of Sciences, was presented with a Life Membership on April 24, by the executive committee of the Academy.

Richard Stevens, associate professor of art, was named national secretary of the Society for Photographic Education at a meeting in Monterey, Calif. Stevens also served as chairman of the conference program which provided delegates with sessions on photographic education, criticism, history and art.

Evelyn Eaton Whitehead, assistant professor of theology, has been elected to a two-year term as vice-chairman of the Association for Theological Field Education.

## Miscellany

Several faculty members from the Department of Accountancy, participated in the Midwest Region American Accounting Association Conference April 3-5 in Chicago.

Ray M. Powell, chairman of the department, chaired two sessions on modularization financial accounting and on accounting education; Ken W. Milani, assistant professor, spoke on "Social Facilitation Implications for Accountants;" James W. Pattillo, Peat, Marwick, Mitchell professor, delivered an address on "Researching Factors Underlying Judgments of Materiality in Financial Reporting" and James L. Wittenbach, assistant professor, lectured on "Taxation for the Undergraduate."

The following are paper presentations given at the Midwest Psychological Association meetings at Chicago May 1-3 by professors and students in the Department of Psychology. Most were co-authored with graduate students:

D. Chris Anderson, associate professor, and Charles Crowell, assistant professor, "Inescapable Shock Treatment (ST) and Interference of Fighting Behavior: Helplessness or Competing Behavior?" and "The Respective Roles of the Treatment and Test Environment as Sources of Differential Responding in an Off-the-Baseline CER Paradigm";

John G. Borkowski, chairman and associate professor, "Mediation in Children and the Elderly as a Function of Memory Capabilities" (with former professor Susan I. Taub) and "Transfer of Acquired Strategies in Retarded Individuals";

William I. Dawson, assistant professor, "Sensory-Modality Opinion Scales for Individual Subjects," "Inverse Cross-Modality Matching: A Test of the Consistency of Ratio Judgments and the Validity of the Power Law" and "Balancing for Multiplication-Fractionation and Regression Biases in the Ratio Estimation and Production of Loudness";

Lloyd R. Sloan, assistant professor, "Familiarity and Social Satiation in Animal Attraction."

Assistant Professor Ellen B. Ryan chaired a paper session on Psycholinguistics.

Four Notre Dame professors participated, along with international specialists in African and Latin American development programs, in a University conference April 11-12 on "Development Strategies in the Third World," sponsored by the Institute for International Studies and the Department of Government and International Studies.

Conference co-organizers Peter Walshe, associate professor of government and of economics, and Michael Francis, associate professor of government, moderated a program on South Africa, Senegal and Tanzania. Aleck Che-Mponda, assistant professor of government participated in a discussion of strategies of African governments in the conference's opening session, and Fabio DaSilva, associate professor of sociology and anthropology, was one of the discussants in a session on Latin American strategies in Brazil, Cuba and Peru.

Willis E. Bartlett, associate professor of Graduate Studies in Education, presented a paper at the American Personnel and Guidance Association's Convention held in New York City on March 23, "The Results and Future Application Related to the Notre Dame Study of Church Vocations."

Harvey Bender, professor of biology, delivered the keynote lecture at a Symposium on the Implications of Modern Biology April 11 at Syracuse University's Utica College. He also spoke at Indiana University-South Bend on March 17 on "Genetic Engineering: Ethical Issues."

Robert Betchov, professor of aerospace and mechanical engineering, presented an invited lecture entitled "Turbulent Transition" at the Turbulence Seminar held at the University of Tennessee Space Institute in Tullahoma, Tenn., the week of April 21-25.

William E. Biles, associate professor of aerospace and mechanical engineering, presented a paper on "Stochastic Network Modeling and Simulation of Civil and Criminal Case Processing in the Courts," at the Sixth Annual Pittsburgh Conference on Modeling and Simulation, in Pittsburgh, April 24-25. He also presented the paper along with one on "A Heuristic Technique for Vehicle Scheduling with Due-Date Constraints" at the 1975 Spring Conference of ORS/IMS (Operations Research Society and Institute for Management Science) in Chicago April 30-May 2.

A. Robert Caponigri, professor of philosophy, will discuss "Person, Society, Art in the Philosophy of Giovanni Gentile" in one of the major presentations scheduled for the International Congress of Gentile Studies in Rome May 26-31. Caponigri will also preside over the plenary session of the Congress May 30. The international meeting commemorates the centenary of the birth of Gentile, the principal architect of the Italian Encyclopedia.

Y.C. Chang, assistant professor of management, and Kwan S. Kim, assistant professor of economics, presented a paper entitled "Contemporaneously Correlated Regressions Under Constrained Conditions - Theory and Its Application to Estimation of U.S. Petroleum Demand," on April 25 at the American Institute for Decision Sciences Conference, University of Massachusetts, in Cambridge. Kim, jointly with Chang and a graduate student also delivered a paper entitled "A Simulation Modeling of Dynamic Demand: An Application of U.S. Oil Demand Data" on April 24 at the Sixth Modeling and Simulation Conference in Pittsburgh.

Thomas Cullinane, assistant professor of aerospace and mechanical engineering, presented two papers at the 1975 Spring Conference of ORS/IMS (Operations Research Society and Institute for Management Science) in Chicago April 30-May 2. His topics were: "Application of Facility Location Techniques to the Optimization of Visual Display Designs" and "Determination of Weighting Factors in Facilities Location Studies."

G.F. D'Alelio, research professor in chemistry, was guest lecturer in the Department of Chemical Engineering on May 2. His lecture on "Research Experience" was followed by a showing of the NASA film, "An Adventure in Research," depicting some of his work on polymers at Notre Dame.

Cornelius F. Delaney, chairman and associate professor of philosophy, delivered the fourth annual Roy Wood Sellars Lecture at Bucknell University on April 17. His talk was entitled "Idealism Redivivus."

Walter R. Davis, professor of English, delivered a paper April 12 on "Sir Thomas Browne's *Urne-Buriall* as a Descent into the Underworld" at the Second Annual Vermont Renaissance Symposium in Burlington, Vermont. On April 25, he delivered a paper on "Allegory and the Reader in Book I of *The Faerie Queene*" at a conference on Renaissance Narrative at Princeton University.

Jay P. Dolan, assistant professor of history, has been commissioned by the Elkhart Bicentennial Committee to coordinate a Bicentennial project centering on the publication of 17 essays on prominent personalities in U.S. history. The essays will be written by various American historians and will appear monthly in *The Elkhart Truth*, and later will be collected and published in a book to be distributed to schools and libraries in Indiana. Dolan wrote the first essay in the series, "The Spirit of '76."

Frederick Dow, Hayes-Healy Professor of Travel Management, Animesh Ghoshal, assistant professor of finance and Basil O'Leary, visiting assistant professor in Collegiate Seminar, participated in a panel discussion April 21 in the Hayes-Healy Center on "The Role of Multi-national Corporations in Underdeveloped Countries."

Msgr. John J. Egan, director of the Center for Pastoral and Social Ministry, delivered the keynote address at the Spring Symposium on Social Ministry held at St. Thomas Seminary, Denver, on April 29. His topic was "Creating a World of Justice through Social Ministry." Egan also served as coordinator of meetings May 4-7 with the board of governors of the Canon Law Society and presidents and directors of national Catholic organizations at Notre Dame's Center for Continuing Education.

Frank J. Fahey, associate professor of sociology and anthropology, delivered a co-authored paper "Designing Community Studies: Fact and Fiction" at the 39th annual meeting of the Midwest Sociological Society in Chicago, April 9-12.

Nicholas F. Fiore, chairman of the Department of Metallurgical Engineering and Materials Science, currently on a sabbatical leave in the Materials Science Division at Argonne National Laboratory, Argonne, Illinois, participated in a two-day lecture series given at Argonne entitled "Product Liability--Product Reliability."



Vincent P. Goddard, associate professor of aerospace and mechanical engineering, was voted Teacher of the Year at the senior banquet of the student chapter of the AIAA (American Institute of Aeronautics and Astronautics) in South Bend on April 24.

W.J. Heisler, assistant professor of management, addressed the Michiana Chapter of the American Society for Training and Development on April 14. His topic was "Organization Development: An Overview, an Approach, and an Evaluation."

Eugene W. Henry, professor of electrical engineering, delivered a co-authored paper entitled "ANSIR3: A Digital Language for Hybrid Simulation and Patching" at the Symposium on Computer-Based Simulation and Gaming in College Teaching, University of Michigan, Ann Arbor, on April 25.

Moses R. Johnson, assistant professor of psychology, and Thomas L. Whitman, associate professor of psychology, delivered papers, co-authored with a graduate student, at the Convention of the Midwestern Association of Behavior Analysis in Chicago, May 1-3. The titles were: "The Effects of Sustained Physical Guidance during Overcorrection on Appropriate and Inappropriate Behavior" and "A Home-Based Program for a Pre-School Aged, Behaviorally-Disturbed Child with Mother and Father as Therapists." Whitman alone presented a paper, "Mental Retardation: A Self-control Perspective," at a symposium on Behavior Modification and Mental Retardation.

Charles F. Kulpa, Jr., assistant professor of microbiology, spoke at the Radiation Research Society in Miami on May 15 on "Dynamics of Pyrene Fluorescence in Micelles and Membranes."

Richard A. Lamanna, associate professor of sociology and anthropology, organized and chaired a session on "Ethnicity in America" at the annual meeting of the North Central Sociological Association in Columbus, Ohio on May 5.

Rev. Anthony J. Lauck, C.S.C., director emeritus of the Art Gallery, acted as art juror for an exhibition of work by Northern Indiana artists, "Fine Arts Expo '75," at Southlake Mall in Merrillville, Indiana, on May 2-4.

Rober Leader, professor of art, was artist and design coordinator for the new chapel in St. Joseph's Hospital, South Bend. He designed the altar furnishings and wall hangings, painted the reredos mural and created the stained glass which symbolizes the life cycle in organic forms derived from micro-photographs of cellular structure.

John R. Lloyd, associate professor of aerospace and mechanical engineering, was voted Teacher of the Year at the senior banquet of the student chapter of the ASME (American Society of Mechanical Engineers) in South Bend on April 29.

Marino Martinez-Carrion, professor of chemistry, chaired an International Symposium on Protein Conformational Aspects and Enzyme Regulation April 1 in Seville, Spain, and on April 4 delivered an invited presentation entitled "Molecular and Biophysical Aspects of Acetylcholine-receptor Interaction; a short term cell-cell communication phenomenon" at the Colloquium on Biochemistry of Behavior during the VIth Meeting of the Spanish Biochemical Society in Seville. He also delivered lectures during the period of March 17-21 at the Universities of Würzburg, West Germany, and Zurich, Switzerland, and at the Laboratories of the National Research Council of Italy in Rome and the University of Rome Medical School. On April 9, he lectured at the Autonomous University of Madrid Medical School on "Protemer Hybridization Approaches as Probes of Negative Cooperativity in Dimeric Enzymes."

John J. McDonald, assistant professor of English, has been named a Mellon Foundation Fellow in the Humanities. His appointment runs from June 1975 through May 1976, during which time McDonald will spend two months at the Aspen Institute for Humanities Studies in Aspen, Colo.

John Meany, associate professor of Graduate Studies in Education, presented a paper entitled "Methods of Dream Analysis for Self-Analysis" at a national conference on the "Measurement of Consciousness," sponsored by the Menninger Foundation at Topeka, Kansas on April 2.

Rev. Edward D. O'Connor, C.S.C., associate professor of theology, presented a lecture entitled "Satan" at Aquinas College, Grand Rapids, Michigan, on March 17. He will speak on "The Origins of Scholastic Mariology" and "From the Marian Movement to the Charismatic Renewal" at the International Mariological and Marian Congresses in Rome, May 12-21 and on "What to Do When the Glow Goes" at Aylesford Retreat House in Westmont, Illinois, May 26.

Daniel J. Pasto, professor of chemistry, delivered a lecture entitled "Organic Chemistry for Allied Health Programs" at the Two-Year College Chemistry Conference at Manor Junior College, Philadelphia, on April 5. He also presented a paper before the Organic Division at the National American Chemical Society Meeting in Philadelphia on April 9, entitled "Analysis of the Reactivity of Alkenylidene-cyclopropanes in Cycloaddition Reactions."

Morris Pollard, director of Lobund Laboratory and chairman of the Department of Microbiology, participated in a Florida seminar May 1-2 to review world water pollution problems and alternatives to decontamination by chlorine. He also participated in a press conference May 2.



Ellen Bouchard Ryan, assistant professor of psychology, led a colloquium entitled "Cognitive and Attitudinal Consequences of Bilingualism" at College Glendon, a French-English college of York University, in Toronto, Canada, on April 26.

John Santos, professor of psychology, delivered the keynote address at a Conference on Aging and Aged: "The Promise of the Future," for staff and volunteers of Northern Indiana agencies on aging and concerned public officials, at Valparaiso University, April 19. Santos' topic was "Programs to Serve the Elderly: Looking to the Future."

Thomas J. Schlereth, assistant professor of American Studies, spoke on "Regionalism in American History" April 16 at Albion College, Albion, Michigan.

Edward R. Trubac, associate professor of finance, spoke at a seminar on National Economy and Public Policy for public executives at the Executive Seminar Center in Oak Ridge, Tenn., on April 16. His topic was "Policy Decisions and Economic Outcomes."

Morris Wagner and Bernard S. Wostmann, professors of microbiology, will chair sessions of the International Symposium on Gnotobiology at the Karolinska Institute, Stockholm, Sweden, June 9-14.

R. Brian Walsh, director of the Computing Center, delivered an invited speech on "How to Prepare a Budget You Can Live With" to the Association for Computing Machinery symposium on Computing Center Management held in St. Louis, Missouri, April 9-11.

Evelyn Eaton Whitehead, assistant professor of theology, lectured on "Values, Ministry and Higher Education" at the Western Study Week of the Catholic Campus Ministry Association on April 2.

Erratum: Astrick Gabriel, director of the University's Mediaeval Institute, will be awarded the George Washington Medal of the American Hungarian Studies Foundation in New York City, not in the New Brunswick, New Jersey, headquarters of the foundation, as stated in Notre Dame Report 15.

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# office of advanced studies

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## Information Circulars

### National Science Foundation Applied Research on Energy Storage and Conversion

No. FY75-80

The Research Applications Directorate of the National Science Foundation intends to provide approximately \$1,000,000 for research on energy storage applied to three categories; photovoltaic energy conversion, solar thermal energy conversion, and wind energy conversion. Evaluations of various possible energy storage methods in total systems contexts are sought. Separate proposals must be submitted if support is desired for research in more than one category.

The National Science Foundation, through the Research Applications Directorate, is supporting solar energy research. At present, this effort includes six categories: Solar Heating and Cooling of Buildings, Solar Thermal Conversion, Photovoltaic Energy Conversion, Bioconversion to fuels, Wind Energy Conversion, and Ocean Thermal Energy Conversion. Solar Heating and Cooling of Buildings, Solar Thermal Conversion, and Photovoltaic Energy Conversion all depend directly on the solar radiation, a periodic energy source. Wind Energy Conversion depends on wind conditions which may be irregular. All of these four energy conversion methods may require efficient storage. This program solicitation, however, is concerned only with energy storage in three categories: Wind Energy Conversion, Solar Thermal Energy

Conversion, and Photovoltaic Energy Conversion systems. Many methods of energy storage are possible. Engineering evaluations of promising methods are required in each of these categories of solar energy conversion. This solicitation addresses the need for evaluation of energy storage methods in the aforementioned three categories of solar energy conversion.

The closing date for submission of proposals is May 22, 1975. For further information, contact the Office of Research and Sponsored Programs.

### National Endowment for the Humanities Program to Aid Colleges in Planning and Evaluating Humanities Curricula

No. FY75-81

The National Endowment for the Humanities has announced a new program designed to help institutions of higher education in planning and evaluating their humanities programs. Grants are now available which will enable institutions to receive assistance from the Endowment-sponsored National Board of Consultants, composed of teachers, professors, and administrators who have wide experience in humanities education.

The consultants program is designed for post-secondary institutions which are in the early stages of planning new humanities programs or are reconsidering existing curricula. Consultants grants may be awarded to cover a wide variety of situations such as a liberal arts college wishing to revitalize any of its humanities programs, a university wishing to strengthen the role of its library in humanities education, or humanities faculty planning to conduct a summer institute dealing with current issues in their field.

When submitting a consultants grant proposal, an institution may suggest consultants whose backgrounds they believe are appropriate for serving that school's particular needs from the National Board of Consultants register, published annually by the Endowment. Approval of consultants grants, which will average \$2,500 each, is made by the National Council on the Humanities and the Chairman of the Endowment.

The National Board of Consultants is presently composed of 65 nationally known scholars, teachers and administrators, who have all served as reviewers of grant proposals in the NEH Division of Education Programs.

These consultants bring to the National Board a variety of competences in humanities disciplines, experience in the development of new programs, and backgrounds in various institutional settings, including community colleges, four-year colleges, graduate and professional schools, and cultural institutions. In future years, the number of consultants is expected to increase to several hundred to enable the Endowment to provide a broader range of assistance to a larger number of schools.

A consultant's work will involve advising an institution on ways to develop its teaching and curricular resources in the humanities more effectively. The consultancy may take any form which the institution and consultant find appropriate, but in no case will it include more than 20 working days for the consultant. Under no circumstances may a consultants grant be awarded to an institution whose primary objective is to develop a proposal for additional NEH funding or for funding by other foundations.

The deadline for proposals is July 1, 1975. For further information contact the Office of Research and Sponsored Programs.

## National Endowment for the Humanities Summer Seminars

No. FY75-82

The Fellowships Division of the National Endowment for the Humanities is pleased to announce the continuation of its program of Summer Seminars for College Teachers in the summer of 1976. The purpose of this program is to provide opportunities for teachers at the smaller private and state institutions and junior and community colleges to work in areas of interest with distinguished scholars and to have access to libraries suitable for mature study and research. Through reflection and discussion with the seminar director and their colleagues in a seminar atmosphere, the college teachers will sharpen their understandings and improve their ability to convey their understandings to college students. During the summer of 1976, the Endowment plans to offer 60 seminars in as many disciplines as possible of the humanities and humanistic social sciences, if funds are available.

The endowment is seeking scholars to direct these seminars who are well qualified for the task by reason of the quality of their scholarship and their ability and interest in undergraduate teaching. The seminar director will have wide latitude to design his seminar in his area of interest. The endowment asks simply that the topic be broad enough to accommodate a broad range of interests, and that the seminar give integral attention to the challenge of conveying humanistic understandings to the college student. The focus of the seminar should be primarily substantive, however, and the purpose of the seminar should not be construed as curriculum planning or pedagogical training. Each seminar director will select the participants for his seminar, following guidelines established by the endowment.

The deadline for the seminar proposals is July 1, 1975. For further information, contact the Office of Research and Sponsored Programs.

# Monthly Summary

## Proposals Submitted

IN THE MONTH OF APRIL, 1975

Department or Office	Principal	Short title	Sponsor	Dollars Months
PROPOSALS FOR RESEARCH				
Microbiology	Pollard, Wagner	Regulation of microflora of leukemic laboratory animals	Natl. Inst. Health	34,647 4
Civil Eng.	Theis, Ross, Ketchum	Side stream treatment-phosphorus removal from a eutrophic lake	Environ. Prot. Agency	188,749 36
Folsom Collection	Gabriel	Frank M. Folsom Ambrosiana Collection	S.H. Kress Fdn.	10,000 5
Biology	Morgan, Crovello	Computerization of the Indiana Lake Fisheries Survey data	Ind. Div. Fish Wildlife	27,406 24
Inst. Urban Studies	Broden	Evaluation of anti-institutional racism program	Natl. Inst. Health	111,664 12
Chemistry	Scheidt	X-ray and chemical study of metalloporphyrins	Natl. Inst. Health	62,211 12
Physics	Miller	Electron irradiation of space probe materials	General Electric	2,275 --
Electrical Eng.	Cohn	Optimum noiseless source codes for fixed dictionary size	Natl. Sci. Fdn.	72,402 24
Microbiology	Wostmann, Madsen	Microbial effects in cholesterol metabolism	Natl. Inst. Health	52,204 12
Civil Eng.	Ketchum, Irvine	Standard operation & maintenance for lagoons and package plants	Environ. Prot. Agency	67,973 10
Electrical Eng.	Henry	Energy conservation studies	Bendix Corp.	9,774 12
Psychology	Miller	Visual habituation in a retro- active inhibition paradigm	Natl. Inst. Health	8,534 12
Center Study Man	Liu	Problems of Vietnamese refugees in U.S.A.	(Private Fdn.)	58,776 4
Psychology	Borkowski	Effects of mnemonics on strategy transfer and generalization	Admin. Aging	5,000 12
PROPOSALS FOR EDUCATIONAL PROGRAMS				
Management	Bella	Jesse H. Jones Professorship	Houston Endow.	25,000 12
Art	Geoffrion	Arts amid America	Amer. Revolution Bicentennial Admin.	59,981 1
Continuing Educ.	Bergin	Artists-in-Schools Program	Natl. Endow. Arts	50,000 2
Aerospace Mech. Eng.	Szewczyk	XII biennial fluid dynamics symposium	Natl. Sci. Fdn.	5,500 3
Center Study Man	Liu	Gerontology studies center	Scholl Fdn.	1,000,000 84

# Awards Received

IN THE MONTH OF APRIL, 1975

Department or Office	Principal	Short title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Aerospace Mech. Eng.	Lee	Dynamic finite plasticity and high energy forming metals	Natl. Sci. Fdn.	34,000 12
Mathematics	Stoll	Theory of several complex variables	Natl. Sci. Fdn.	15,400 12
Chemistry	Scheidt	X-Ray and chemical studies of metalloporphyrins	Natl. Inst. Health	35,988 12
Microbiology- Lobund Lab.	Wostmann	Antibiotics: Effects on bile acids and cholesterol	Natl. Inst. Health	42,227 12
Metallurgical- Eng.	Miller	Study of rare-earth cobalt compounds	U.S. Navy	49,784 12
Administration	Gordon	Biomedical sciences support grant	Natl. Inst. Health	40,466 12
Microbiology- Lobund Lab.	Pollard	Investigation on prostate adenocarcinomas	Natl. Inst. Health	57,837 12
Chemistry	Basu	Glycolipid metabolism in tumor and transformed cells	Natl. Inst. Health	52,939 12
AWARDS FOR EDUCATIONAL PROGRAMS				
Psychology	Borkowski, Whitman	Training grant in mental retarda- tion	Hearst Fdn.	20,000 12
Inst. Urban Studies	Broden	Upward Bound	U.S. Office of Educ.	110,000 12
Administration	Gordon	Arthur J. Schmitt fellowship program	Schmitt Fdn.	60,000 12
Student Affairs	Schlaver	Collegiate jazz festival	Natl. Endow. Arts	1,500 1.5
English	Rathburn	Shakespeare and the public	Indiana Comm. Humanities	7,683 1.5
Law	Link	Sports and entertainment law forum	Natl. Football League	300 3 day

# Summary of Awards Received and Proposals Submitted

IN THE MONTH OF APRIL, 1975

## AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	5	\$ 175,638	3	\$ 153,003	8	\$ 328,641
Facilities and Equipment	-	---	-	---	-	---
Educational Programs	4	191,500	2	7,983	6	199,483
Service Programs	-	---	-	---	-	---
Total	9	\$ 367,138	5	\$ 160,986	14	\$ 528,124

## PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	4	\$ 159,062	10	\$ 552,553	14	\$ 711,615
Facilities and Equipment	-	---	-	---	-	---
Educational Programs	1	25,000	3	115,481	4	140,481
Service Programs	-	---	-	---	-	---
Total	5	\$ 184,062	13	\$ 668,034	18	\$ 852,096

## Closing Dates for Selected Sponsored Programs

### DUE DATES

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	
National Endowment for the Humanities	Senior Fellowships	June	17, 1975
National Science Foundation	Institutional Grants for Research Management Improvement	June	30, 1975

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# documentation

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## Law School Calendar

The 1975-76 calendar for the Law School is very similar to the University calendar. It will start a bit earlier, in each semester, in order to provide a full 15 weeks of classes and it will include a midsemester break as well as a Thanksgiving vacation. These minor departures were approved by the Law Faculty on April 1. Except for the beginning of each semester, law students will not be in session when other University students are away:

### Fall Semester

Orientation for first-year students	Friday-Saturday, August 22-23, 1975
Registration	Friday, August 22
First classes	Monday, August 25
Mid-semester break	Monday-Tuesday, October 20-21
Thanksgiving break	Wednesday-Friday November 26-28
Last classes	Friday, December 12

### Spring Semester

Registration & First classes	Monday, January 12, 1976
Mid-semester break	Monday, March 15- Friday, March 19
Good Friday (holiday)	Friday, April 16
Last classes	Friday, April 30
Commencement	Sunday, May 16



Mr. Anton C. Masin  
Memorial Library  
Notre Dame, IN 46556

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## notre dame report

An official publication published fortnightly by the University of Notre Dame, Department of Information Services. Individual copies are available in the Notre Dame Hammes Bookstore at 30 cents. Mail subscriptions are \$6 an academic year. Back copies are 50 cents each.

Vol. 4, No. 17  
May 16, 1975



Teresa A. Porro, Editor  
Printing and Publications Office, 415 Administration Building  
P.O. Box 637, Notre Dame, Indiana 46556

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