

# notre dame report

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# the university

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## duarte to speak at nd commencement

José Napoleon Duarte, president of the Republic of El Salvador, will address the graduates of the University at its 140th commencement exercises May 19, when he will receive an honorary doctor of laws degree.

Duarte, who became president of El Salvador after a runoff election last May, is his country's first popularly elected civilian president in more than 50 years. A 1948 graduate of Notre Dame with a degree in civil engineering, he is the first University alumnus to become a head of state.

## blakey named to o'neill law chair

G. Robert Blakey, a Notre Dame law professor and nationally recognized authority on organized crime, has been appointed William and Dorothy O'Neill Professor of Law at the University. Blakey received bachelor's and law degrees from Notre Dame before serving as a special attorney in the Justice Department's organized crime and racketeering section. He joined the University's law faculty in 1964. During a leave of absence beginning in 1969, he served as chief counsel on the U.S. Senate committee that drafted the Racketeer-Influenced and Corrupt Organization (RICO) provision of the 1970 Organized Crime Control Act. He also served as chief counsel to the Congressional committee that investigated the assassination of President John F. Kennedy.

The O'Neill Chair is the second University chair endowed by funds from the Ohio couple. In 1980 Dr. Denis A. Goulet was appointed William and Dorothy O'Neill Professor of Education for Justice.

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# faculty notes

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## honors

Walter Nugent, Tackes professor of history, has been appointed Mead Distinguished Research Fellow in American Civilization and Culture at the Henry E. Huntington Library, San Marino, Calif., for a term of six months beginning in April. He is the first recipient of this award.

Teresa Godwin Phelps, assistant professor of law, has been appointed to the Law School Admission Council's Writing Sample Committee.

J. Eric Smithburn, professor of law, has been nominated for the Distinguished Scholar Award, given by the Criminology Section of the American Sociological Association to the author of the most outstanding book-length contribution to the discipline in the previous five years. The book is "Lizzie Borden: A Case Book of Family and Crime in the 1890's," by J. G. Williams, Smithburn and M. J. Peterson. The award will be announced at the August 1985 meeting of the American Sociological Association in Washington, D.C.

Donald E. Sporleder, professor of architecture, was re-elected chairman of the Indiana Board of Registration for Architects at the January board meeting in Indianapolis.

## activities

Frank J. Bonello, associate professor of economics, gave a talk titled "The Economic Outlook for 1985" to the St. Joseph County Chapter of Credit Unions in Mishawaka Jan. 14.

William G. Dwyer, chairman and professor of mathematics, gave an invited talk titled "Cyclic Modules" at the Institute for Advanced Study, Princeton, N.J., Feb. 7. On Feb. 8 he gave another invited lecture on "Homology of Cyclic Objects" at Yale University, New Haven, Conn.

Denis Goulet, O'Neill professor of education for justice, served as commentator at a conference on "Catholic Social Teaching and the U.S. Economy" at the University of Santa Clara, Calif., Jan. 25-27.

Paul R. Grimstad, assistant professor of biology, gave an invited workshop presentation at the Kentucky Agribusiness and Pesticide Conference, held at the Galt House, Louisville, Ky., Feb. 12-13. His presentation of "Mosquito-Borne Diseases You Never Hear About But Should" was given in the Public Health Pest Control Workshop.

Charles Kannengiesser, S.J., Huisking professor of theology, gave a lecture titled "Augustine's Conversion and Confessions" Dec. 4 as part of the Great Books series sponsored by the Program of Liberal Studies. On Jan 10., he gave an address titled "Recent Studies on the Use of the Bible in Christian Traditions" to the editors and authors of "Bible de Tous Les Temps," a new series launched at Beauchesne's, Paris.

Rev. Mr. John F. Kurtzke, C.S.C., adjunct assistant professor of mathematics, gave an invited talk titled "Diophantine Equations and the Baseball Schedule" at King's College, Wilkes-Barre, Pa., Jan. 31.

Walter Nugent, Tackes professor of history, has been appointed Mead Distinguished Research Fellow in American Civilization and Culture at the Henry E. Huntington Library, San Marino, Calif., for a term of six months beginning April, 1985. He is the first recipient of this award.

Rev. Thomas O'Meara, O.P., professor of theology, gave an address on "The Origins of the Liturgical Movement in Nineteenth-Century German Romantic Idealism" at a meeting of the North American Academy of Liturgy, Philadelphia, Pa., Jan. 5. He also gave an address titled "The Permanent Diaconate in the History and Theology of Ministry" at the annual assembly of the Permanent Deacons of the Archdiocese of Chicago, Feb. 16.

Thomas J. Schlereth, professor of American Studies, presented an invited paper, "Problematic Issues in the History of North American Childhood Research," at the first plenary session of the international conference on Changing Perspectives on Nineteenth-Century Childhood at the University of Toronto, Ontario, Canada, Jan. 31. He also lectured on "Concepts and Methods in Material Culture Explanation" at the University of Waterloo, Ontario, Feb. 1-2.

James H. Seckinger, professor of law and director of the National Institute for Trial Advocacy, served as a faculty member for the NITA-Cummings & Lockwood In-House Trial Advocacy Program, Stamford, Conn., Jan. 10-12.

Dennis M. Snow, assistant professor of mathematics, gave an invited lecture titled "Reductive Group Actions on Stein Spaces" at the Conference on Algebraic and Holomorphic Group Actions at the University of Bremen, West Germany, Jan. 28-Feb. 1.

James I. Taylor, associate dean and professor of civil engineering, and Edward A. Malloy, C.S.C., associate provost and associate professor of theology, participated in an ACCU seminar on political, economic and church-related problems in Central America, held at the United Nations University for Peace near San Jose, Costa Rica, Jan. 6-13. The visit was arranged through the Center for Social Concerns, with partial funding from the Office of the Provost.

Laurence R. Taylor, professor of mathematics, gave the mathematics colloquium titled "Smooth Manifolds Homeomorphic to Euclidean 4 Space" at McMaster University, Hamilton, Ontario, Canada, Jan. 25.

Robert P. Vecchio, chairman and professor of management, presented a paper titled "Competing Models of Psychological Inequity" at the national meeting of the Academy of Management, Boston, Mass., Aug. 12.

Rev. Oliver F. Williams, C.S.C., assistant professor of management, gave a presentation titled "The Bishops' Pastoral on the Economy: A Sound Vision?" at the Friday Forum of the Center for Social Concerns, Jan. 25.

# documen- tation

## minutes of the academic council meeting february 4, 1985

(1) Provost O'Meara opened the meeting with a prayer.

(2) Father Hesburgh commented on the high quality of the discussion on curriculum at the Council's last meeting and turned the meeting over to Father Malloy.

(3) Discussion of Curriculum Committee Report

Father Malloy introduced the discussion by reminding the Council that their task is to deliberate the proposals offered by the Committee and eventually -- after full discussion has been heard -- decide on action on the proposals. He reviewed the concern voiced at the last meeting over timing of the fulfillment of the Math requirement and said the issue would be decided by vote later in the deliberations. He then directed the attention of the group to the Fine Arts and Literature requirement, p. 135 of the Notre Dame Report copy of the Report.

Fine Arts and Literature: Father Malloy summarized the Committee's rationale and recalled that the course as conceived by the Committee should address three basic components: historical tradition; structure and form; style and function. He then responded to a number of questions and issues raised: 1) studio or creative writing courses will not satisfy this requirement; 2) approximately 200 additional students will enroll in courses as a result of this requirement but since a variety of courses will meet course criteria, increased student load will not be borne by a single department; 3) determination of courses which satisfy criteria will probably be made by the Dean of Arts and Letters in consultation with pertinent departments; 4) a potential conflict exists between definition of Fine Arts as conceived by the Curriculum Committee and that used by the College of Arts and Letters in their college requirements; 5) literature courses taught in the language department will qualify to fulfill requirement.

Comments and questions having been exhausted, Father Malloy turned to the History/Social Requirements. Since the History/Social Science Requirements have been yoked by the Committee, he first focused attention on them.

History/Social Science Requirements: Father Malloy explained that the Committee was concerned with a perceived problem about the "ahistorical" quality of the current curriculum. Statistics gathered on the Class of '82 revealed that 98% of the graduates had taken two courses in either History or Social Science; 94% had taken two or more courses in Social Science; 16% of the class had graduated without a course in history. In the discussion which followed the following points were raised: 1) military programs all require some kind of history not reflected in these statistics; 2) Military History, as such, will not fulfill this requirement; 3) the new EG curriculum requires additional courses in humanities and social science, so will not be adversely affected by the proposed change; 4) the definition of "history" and the desired objectives of the requirement should be clarified; 5) why not require history rather than allowing choice? Father Malloy's response dealt with the Committee's trust in good counseling tailored to student need and the importance of knowledge in a variety of social science fields; 6) a compromise offered the idea that the proposal could suggest one history and one social science while indicating the requirement may be filled by two courses in one of the areas; 7) concern was expressed over the possibility of a mega-section response to department demands faced by this increased requirement.

There being no further questions or comments, Father Malloy introduced the issue of the Natural Science Requirement.

Natural Science Requirement: Father Malloy reminded the Council that the Committee proposed no change, but recommended that the two course requirement be completed by the end of the sophomore year. Dean Hofman spoke to the current practice by pointing out that while many students complete science in the first year, others choose foreign language in the Freshman Year and defer science until their second year. The Council members seemed satisfied with this report.

In moving to the Philosophy and Theology Requirement, Father Malloy remarked that while the Committee endorsed the retention of the two course requirement in each discipline, it had no prerogative to decide the kinds of courses to fulfill the requirements. Each of the departments, however, discussed with the Committee internal changes regarding fulfillment of the requirement.

Philosophy Requirement: In its recommendation on Philosophy, the Committee accepted and incorporated the department's changes and recommended the two philosophy courses be taken during the first two years of study in sequential semesters. This change provoked a variety of responses and objections: 1) the College of Business Administration finds the new format presents problems vis-a-vis their own requirement of Informal Logic in the sophomore year and Ethics for Business; timing and impact on course load are both affected; 2) the College of Science believes the new format will adversely affect the essential consecutive nature of a configuration of science courses required by their curriculum; 3) Philosophy Department rationale for the new format addressed the importance of the "single-course" concept and the need for philosophical foundation early in the curriculum; 4) comments also pointed out the potential problems in logistics for ROTC students and students who change majors.

Father Hesburgh remarked that university requirements should not be "procrustean beds" and that colleges must have a certain amount of flexibility.

Theology Requirement: The Theology Requirement section of the document provoked little discussion since the only change -- that of the content of the courses -- was internal. 1) one Council member asked why Philosophy could not have handled their internal change in the same way. The response dealt with the closely-knit structure of the philosophy courses and the difference between doctrine and history/scripture as theological modes; 2) objection was made to the questionable nature of the sentence in the document beginning "To do Theology..." Father Malloy assured the group that approval of the proposal did not assume agreement with all prose of the document; 3) a question was also raised about non-Christian students' fulfillment of theology requirements to which Father Malloy answered that obvious discretion in course choice should be considered.

Physical Education: Father Malloy commented on the incorporation of a segment on drug and alcohol use into the current PE curriculum as a result of the Alcohol Committee's recommendation. He also reported that the meeting requested by Father Hesburgh to explore ROTC problems with the proposed curriculum resulted in a solution which would be coming to the Council soon. A brief discussion followed on the merits of PE at a sport-oriented place like Notre Dame.

Foreign Language: Father Malloy commented on the Curriculum Committee's problems in requiring a foreign language for all students because of tightly structured curricula, especially in professions-oriented colleges. He reported on the Student Government's request for opportunity for study of foreign language outside the formal course structure. Father Hesburgh spoke to the efficacy of using tapes to learn a language. At Father Malloy's invitation, Isabel Charles explained briefly the constraints posed by the tightly structured curricula in some colleges for students wishing a year's study abroad. She also mentioned current efforts to make programs more widely known, especially among juniors who could arrange such study to enhance their course of study.

Experiential Learning: Father Malloy explained the Committee's support for student involvement in the type of activity sponsored by the Center for Social Concerns. At the same time they could not support a requirement in this area. He invited Kathleen Weigert of the Center for Social Concerns to comment. Dr. Weigert spoke strongly for a requirement as evidence of the level of importance the University accorded experiential learning. Others spoke on the good accomplished by such student activity. Father Hesburgh emphasized the importance of encouraging and educating students to the voluntary nature of these kinds of involvements.

Computing Courses: Father Malloy's explanation of the Committee's rationale regarding computing brought forth no comment from the membership.

Freshman Year: Father Malloy reported that the Committee's statements on the Freshman Year brought a response from the College of Business Administration to the effect that the new requirement seemed to dilute the general education experience of the Freshman Year; they also posed the question as to why they should not therefore add a business prerequisite to the Freshman Year curricular offerings. Student Government also responded to this section, reaffirming the positive nature of the counseling in the Freshman Year but questioning the amount of curricular flexibility in the Freshman Year Program. Discussion of this point followed particularly in reference to the question of "truth in advertising" re the Freshman Year in the Bulletin of Information. Clarifications and responses to this charge were offered by Dean Hofman, Dean Schmitz and Kevin Rooney. They pointed out the necessity of reading the Bulletin in detail, of recognizing the fine points of course levels and content, and the importance of clarification of the consequences of certain curricular choices.

Discussion of this issue being completed, Father Hesburgh thanked all for their contributions and adjourned the meeting at 5:30 p.m.

Respectfully submitted,

Isabel Charles  
Acting Secretary

## university libraries minutes

### november 5, 1984

Present: Harvey Bender, Carson Daly, Gerald L. Jones, Lloyd Ketchum, William McDonald, Robert C. Miller and W. Robert Scheidt. Guest: William Sexton.

The minutes of the Oct. 1, 1984 meeting were approved for publication with one addendum.

Miller announced that the implementation of the shift in public services discussed at the Oct. 1 meeting was being deferred until May, 1985, to allow greater time for the work. He also indicated that on the basis of recent discussions with the Provost the resumption of progress on the automation contract was expected shortly. Professor Scheidt reported that he had recently concluded a review of the process and documentation system of collections utilized by the library. He indicated that he was impressed with the fairness of the process and the care with which the final choice had been made. Miller indicated that he would report further on the contract process at the next meeting.

Miller then reported briefly that the faculty renewal process was beginning. The Committee discussed the implications of the shift of Arts and Letters offices to Decio Hall. Miller indicated that under the manual circulation system, staffing and operational difficulties precluded providing a renewal point at Decio. He indicated that the progress of the renewals would carefully be reviewed by the Libraries and that efforts would be made to deal with the particular difficulties in the process on an ad hoc basis.

Following a brief recess, Bill Sexton of University Relations reported on the organization and work of the division, including recent achievements in fundraising, tentative plans for the forthcoming capital campaign and the utilization of fly-ins as a general fund-raising technique. Professor Bender emphasized the importance of maximizing the knowledge of and support by the faculty generally in the library development efforts and the role that they might play in the ultimate success of increased support for the Libraries. Prof. Daly suggested a more visible role for the Libraries in the fly-ins, including possible use of the Rare Book Room as a site for fly-in presentations. She also made a number of other suggestions to assist in making the Libraries more visible and appealing to potential supporters such as Spouses of the 50-year Club and other campus visitors during football weekends.

The meeting adjourned at 5:05 p.m.

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## university libraries minutes

### december 3, 1984

Present: Harvey Bender, Carson Daly, Lloyd Ketchum, Bill McDonald, Robert Miller, W. Robert Scheidt.

The minutes of the meeting of Nov. 5 were approved with a minor editorial correction.

There being no major agenda item for this meeting, Miller reported on a number of ongoing matters. (1) The Libraries are pursuing further action on a former faculty member who left the University with a large number of books. Legal avenues will be pursued if the material is not returned or paid for. (2) He reported briefly on recent meetings with Hewlett-Packard and Virginia Tech regarding the VTLS library system, the Provost's recent examination of the NOTIS system at Northwestern and the general tenor of recent discussions on library automation systems. Miller remains guardedly optimistic that a decision on a system can be made within the next month. (3) Miller outlined the planned process for library reviewing of the Five-Year Plan, culminating in FCUL review in May. (4) He reported briefly on the Libraries' internal budget process, expected to be completed by Feb. 15. This process does not include acquisitions funds which are handled separately and at a later date. It was agreed that information on the acquisitions area should be made available for review by FCUL as early as possible to allow for time for due consideration. (5) Miller reported on the establishment of a task force on collection policy for non-print material. Included on the committee will be representatives from the Computing Center and Educational Media Services.

The Committee next briefly outlined agenda items for the balance of the academic year: January - library automation; February - non-print materials; March - approval; April - space and instructional activities; May - Five-Year Plan; June - budget.

The Committee then discussed a variety of issues related to the state of the Libraries' collections and what can be done to identify and address specific needs. Professor Daly emphasized the importance of having library personnel able to take the burden of routine ordering off the teaching and research faculty. She pointed out the problem of burdening junior faculty with departmental coordinator responsibilities when such activities if done well take time and attention away from research and publication which are critical for promotion and tenure. The Committee agreed that these discussions should continue at the March meeting with the presence of Mrs. Gleason.

The meeting adjourned at 4:55 p.m.

## summary annual report for tiaa group

### total disability benefits plan

This is a summary of the annual report of the University of Notre Dame's TIAA Group Total Disability Benefit Plan for faculty and administrative staff, employer #35-0868188, for September 1, 1983 through August 31, 1984. The annual report has been filed with the Internal Revenue Service as required under the Employee Retirement Security Act of 1974 (ERISA).

#### INSURANCE INFORMATION

The plan has a contract with the Teachers Insurance and Annuity Association (TIAA) to pay all claims incurred under the terms of the plan. The total premiums paid for the plan year ending August 31, 1984 were \$178,689.48.



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#### YOUR RIGHTS TO ADDITIONAL INFORMATION

You have the right to receive a copy of the full annual report, or any part thereof, including insurance information, on request. Simply make your request to the office of G. Thomas Bull, Director of Personnel, University of Notre Dame, Notre Dame, IN 46556.

You also have the legally protected right to examine the annual report at the main office of the plan: the Personnel Office, University of Notre Dame, Notre Dame, IN, and at the U.S. Department of Labor in Washington, D.C. You may also obtain a copy of the annual report from the U.S. Department of Labor upon payment of copying costs. These requests should be addressed to the Department of Labor, 200 Constitution Avenue NW, Washington, D.C. 20216.

## library hours/midsemester vacation

<u>Date</u>	<u>Memorial Library</u>		<u>Science &amp; Engineering Libraries</u>
	<u>Building</u>	<u>Public Services</u>	
Fri., Mar. 15	8 a.m.-10 p.m.	8 a.m.- 5 p.m.	8 a.m.- 5 p.m.
Sat., Mar. 16	9 a.m.-10 p.m.	9 a.m.- 5 p.m.*	Closed
Sun., Mar. 17	1 p.m.-10 p.m.	Closed	Closed
Mon., Mar. 18 through			
Fri., Mar. 22	8 a.m.-10 p.m.	8 a.m.- 5 p.m.	8 a.m.- 5 p.m.
Sat., Mar. 23	9 a.m.-10 p.m.	9 a.m.- 5 p.m.*	Closed
Sun., Mar. 24	(Return to regular schedule)		

\* The following public service areas will be closed: Audio Learning Center, Microtext Reading Room, and Reserve Book Room.

# advanced studies

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## information circulars

Additional information on all circulars listed may be obtained by calling Extension 7432. Please refer to the circular number.

## engineering

See complete information regarding the information circular listed below under the category of Science.

National Science Foundation  
College Science Instrumentation Program  
No. FY85-416

## science

National Science Foundation  
College Science Instrumentation Program

No. FY85-416

### Program:

The National Science Foundation College Science Instrumentation Program is a new program under the Foundation's Directorate for Science and Engineering Education.

Four-year colleges and universities with strong science and engineering programs are eligible to apply. The program is designed to enhance and maintain high quality science and engineering programs in undergraduate colleges and universities.

Awards will range from \$5,000 to \$50,000 and there is a matching requirement.

### For Further Information Contact:

National Science Foundation  
College Science Instrumentation Program  
1800 G Street, NW  
Washington, DC 20550

## general

### Cummington Community and School of the Arts Scholarships for Summer Residencies

No. FY85-414

Program:

Scholarships of varying amounts, including a work exchange program, are available to writers, painters, musicians, photographers, filmmakers, sculptors, and other artists to enable them to participate in summer residencies of one to three months. Individual studio and living accommodations are provided to all residents. Activities include informal discussion groups, readings, performances, and presentations of works in progress. A special program is available for the children of resident artists during the summer residencies.

Deadline:

March 15\*, June 15, September 15, 1985 and January 15, 1986

For Further Information Contact:

Cummington Community and School of  
the Arts  
Carol Morgan, Executive Director  
Cummington, MA 01026  
(413) 634-2172

\*The March 15 deadline is for residencies in June, July, and August. Through May, 1985, applications will be due two months before the month requested for residency. Late applications will be considered for a waiting list on a space-available basis.

(From 1985 ARIS)

### National Italian American Foundation Mini Grants

No. FY85-413

Program:

Mini grants are available to institutions or individuals in the development of projects to assist the Italian American community. Grant amounts are determined based on the scope and size of the project.

What to Submit:

1. Abstract - brief summary of entire project.
2. Research or background information.
3. Program narrative - description of project including activities, personnel involved, timeline, location of program,

- benefit of program to Italian Americans.
4. Budget and budget description.
5. Resumes/Justification of one's qualifications.

The entire application should not exceed 20 pages.

Deadline:  
June 1, 1985

For Further Information Contact:

The National Italian American Foundation  
666 Eleventh Street, NW, Suite 800  
Washington, DC 20001-4596  
(202) 638-0220

**National Science Foundation  
Ethics and Values in Science and  
Technology (EVIST)**

No. FY85-415

Program:

This program supports research and related activities to help to answer the question: How can the ethical problems and value conflicts associated with current scientific, engineering, and technical activities be better understood and more effectively resolved by scientists and engineers, scholars in the humanities, persons making science policy, and members of affected groups? The program makes awards for research projects, professional development activities, and dissertation support. The proposals EVIST considers for support focus on the activities of scientists (including social scientists) and engineers in areas of social or professional concern. They are intended to clarify the ethical implications or value assumptions of those activities and to contribute to the formulation of sound policy about them. EVIST also considers for support proposals to illuminate the influence of social and professional values in research and its interpretation. Grants are made to colleges, universities, laboratories, professional associations, public interest organizations, industrial firms, state and local governments, other for-profit and nonprofit organizations, and to individuals for professional development activities. Applicants should request NSF 83-62 from the Forms and Publications Unit, NSF, Washington, DC 20550.

Deadline:

Preliminary Proposals: May 1 and November 1, 1985  
Formal Proposals: August 1, 1985 and February 1, 1986

For Further Information Contact:

National Science Foundation  
Directorate for Scientific, Technological and International Affairs  
Division of Research Initiation and

Improvement  
Dr. Rachelle Hollander  
Program Director  
Room 1144  
1800 G Street, NW  
Washington, DC 20550  
(202) 357-7552

(From 1985 ARIS)

## current publications and other scholarly works

Current publications should be mailed to the  
Division of Research and Sponsored Programs,  
Room 314, Administration Building.

COLLEGE OF ARTS AND LETTERS

American Studies

Schlereth, Thomas J.

T.J. Schlereth. 1984. Doing History on the Road: The Above Ground Archaeology of the American Highway. Part I Chronicle: The Quarterly Magazine of the Historical Society of Michigan 20(3): 14-17.

Weber, H. Ronald

H.R. Weber. 1985. Seeing Earth: Literary Responses to Space Exploration. Ohio University Press, Athens, Ohio. 138 pp.  
H.R. Weber. 1985. Requiem for a Labyrinth. Notre Dame Magazine 13(4):4-6.  
H.R. Weber. 1985. In the Long Evening Light. Notre Dame Magazine 13(4):41-43.  
H.R. Weber. 1985. Plain, Simple, Per-  
tinent. Notre Dame Magazine 13(2):71.

Economics

Croteau, John T.

J.T. Croteau. 1985. Drop in Interest Rates Bringing End of Golden Age. Managers Credit Union News Jan. 17:1,4,8, 18.

Wilber, Charles K.

C.K. Wilber and M.E. Wilber. 1984. The Economy, the Family, and Social Justice. Pages 63-79 in, S.X. Saxton, et al, The Changing Family. Loyola University Press, Chicago, Illinois.

Modern and Classical Languages

Cervigni, Dino S.

D.S. Cervigni. 1984. Editor. Annali d'Italianistica: Guicciardini 2:1-136.

Rubulis, Aleksis

A. Rubulis. 1984. Kristus tiesasana. Gaisma 66(3):10-12.

A. Rubulis. 1984. Spriedums. LKSA Dzintars 12:12.

A. Rubulis. 1984. Tragikomedija. Zeme un Tauta 28:28.

A. Rubulis. 1984. Baznicas nemaldiba.

- Gaisma 67(4):11.  
A. Rubulis. 1984. Dizgars. Gaisma 67(4): 30.

#### Philosophy

- Burrell, CSC, David B.  
D.B. Burrell, CSC. 1984. God's Eternity. Faith and Philosophy 1:389-406.  
D.B. Burrell, CSC. 1984. Maimonides, Aquinas and Geresenides on Providence and Evil. Religious Studies 20:335-352.  
Flint, Thomas P.  
T.P. Flint. 1984. Basinger, Divine Sovereignty and the Free Will Defense. Sophia 23:41-52.  
Kirkham, Richard L.  
R.L. Kirkham. 1984. Does the Gettier Problem Rest on a Mistake? Mind 93:501-513.

#### Psychology

- Santos, John F.  
A. Flemming, J.G. Buchanan, J.F. Santos and L.D. Rickards. 1984. Mental Health Services for the Elderly: Report on a Survey of Community Mental Health Centers. Action Committee to Implement the Mental Health Recommendations of the 1981 White House Conference on Aging. American Psychological Association, Washington, D.C. 1:i-v, 1-35.

#### Theology

- Collins, Raymond F.  
R.F. Collins. 1984. Studies on the First Letter to the Thessalonians. Bibliotheca Ephemeridum Theologicarum Lovaniensium. University Press, Belgium, Leuven. 66:415 pp.  
Rasmussen, OP, Niels K.  
N.K. Rasmussen, OP. 1984. Le père Dalmais et le père Jounel, professeurs de liturgie. La Maison-Dieu 158:7-13.  
Ulrich, Eugene C.  
E.C. Ulrich. 1984. Editor. Bulletin of the International Organization for Septuagint and Cognate Studies 17:1-62.

### COLLEGE OF SCIENCE

#### Chemistry

- George, Manapurathu V.  
\*C.V. Kumar, B.A.R.C. Murty, S. Lahiri, E. Chackachery, J.C. Scaiano and M.V. George. 1984. Photochemical Transformations and Laser Flash Photolysis Studies of Dibenzobarrelenes Containing 1,2-Dibenzoylalkene Moieties. Journal of Organic Chemistry 49:4923.  
\*B.B. Lohray, C.V. Kumar, P.K. Das and M.V. George. 1984. Photochemical and Thermal Transformation of 2(3H)-Furanones and

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\*Under the Radiation Laboratory  
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- Bis(benzofuranones). A Laser Flash Photolysis Study. Journal of the American Chemical Society 106(24):7352-7359.

Pasto, Daniel J.

- D.J. Pasto and D.A. Timmers. 1984. Steric Factors Controlling the Formation of Allenyl- vs. Propargylcobaloxime Complexes. Inorganic Chemistry 23(24):4115-4116.  
D.J. Pasto, D.A. Timmers and N-Z. Huang. 1984. Sodium Borohydride Reduction of Cobaloxime Complexes. An Electron-Transfer, Free-Radical Process. Inorganic Chemistry 23(24):4117-4119.

#### Physics

Livingston, A. Eugene

- A.E. Livingston, J.E. Hardis, L.J. Curtis, R.L. Brooks and H.G. Berry. 1984. Observation of Quartetstate Fine Structures and Lifetimes in Lithium-like Ne VIII. Physical Review A 30:2089-2092.

### COLLEGE OF ENGINEERING

#### Aerospace and Mechanical Engineering

- Batill, Stephen M.  
S.M. Batill and T.L. Doligalski. 1985. Three-Dimensional, Unsteady Vortex Loop Dynamics. AIAA 23rd Aerospace Sciences Meeting, Reno, Nevada. Pages 1-11.  
Doligalski, Thomas L.  
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## awards received

IN THE MONTH OF JANUARY, 1985

Department or Office	Principal	Short title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Microbiology	M. Clancy	Gene Expression in Sporulating Yeast	Natl. Sci. Fdtn.	68,700 12
Biology	F. Goetz	Endocrine Regulation-Fish	Natl. Sci. Fdtn.	34,737 12
Electrical Eng.	R. Kwor, D-L. Kwong	Rapid Thermal Annealing in Si-Phase II	Semiconductor Res. Corp.	35,000 12
Biology	S. Carpenter	Cascading Trophic Interactions in Lake Ecosystems	Univ. Wisconsin Madison	70,579 24
Biology	M. Fuchs, S.-H. Kang	Reproductive Physiology of Aedes Mosquitoes	Natl. Inst. Health	222,428 12
Biology	P. Grimstad	Ecology of Vectors of Jamestown Canyon Virus	Natl. Inst. Health	77,098 12

Civil Eng.	M. Katona	Supplemental Grant for NSF Young Investigator Award Winner	Exxon Educ. Fdtn.	10,000 12
Electrical Eng.	M. Herro	Coding Considerations for Fiber-Optic Data Networks	Natl. Aero. Space Admin.	20,000 12
Radiation Lab.	R. Schuler	Effects of Radiation on Matter	Dept. Energy	3,034,000 12

#### AWARDS FOR FACILITIES AND EQUIPMENT

Radiation Lab.	R. Schuler	Effects of Radiation on Matter	Dept. Energy	333,000 12
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#### AWARDS FOR INSTRUCTIONAL PROGRAMS

Cent. Study Man	J. Samora	Graduate and Professional Fellowship for Hispanics	Dept. Education	109,200 12
Psychology	J. Borkowski, T. Whitman	Research Training in Mental Retardation	Natl. Inst. Health	32,023 12

#### AWARDS FOR SERVICE PROGRAMS

Inst. Past. Soc. Min.	R. Pelton	Notre Dame Institute for Clergy Education	---	15,549 --
Inst. Past. Soc. Min.	R. Pelton	Notre Dame Institute for Clergy Education Reunion	---	425 --

## proposals submitted

IN THE MONTH OF JANUARY, 1985

Department or Office	Principal	Short title	Sponsor	Dollars Months
PROPOSALS FOR RESEARCH*				
College Eng.	W. Berry, M. Zeller, J. Bellina	Electrical and Spectroscopic Studies of Contacts on Gallium Phosphide	Natl. Aero. Space Admin.	25,525 8
Microbiology	C. Kulpa, R. Irvine	Plasmid Biology of Hazardous Waste Degradation in SBR	Environ. Prot. Agency	194,601 24
Civil Eng.	R. Irvine, C. Kulpa	Model of Bio-P Treatment	Environ. Prot. Agency	208,597 24
Biology	J. Duman, F. Castellino	Ice Nucleating Proteins	Natl. Sci. Fdtn.	356,062 36
Psychology	J. Borkowski, S. Maxwell	Causes & Consequences of Children's Metamemory	Natl. Inst. Health	70,944 12
Metallurgical Eng.	A. Miller	Conductive Ceramic Electric Contact Materials	CTS Corp.	375,022 36
History	K. Biddick	Early European Development: 13th Century Pastoral Economics	Natl. Sci. Fdtn.	137,673 24
Chemical Eng.	C. Ivory	High Resolution, Continuous Flow Electrophoresis	Lilly Endow., Inc.	31,168 12
Aerospace Mech. Eng.	H. Atassi	Aerodynamics of Advanced Turboprops	Natl. Aero. Space Admin.	29,689 12
Biology	P. Diffley	Molecular Parasitology Award	Burroughs Well. Fdtn.	309,400 60

\*Does not include a \$14,824,934 proposal to NSF for a Hazardous Wastes Engineering Research Center and a proposal for \$7,500,000 to the Department of Transportation for a Cold Weather Transit Technology Program.

Biology	P. Weinstein	Cultivation of <u>Dipetalonema viteae</u>	World Health Organ.	398,019 36
Physics	W. Tomasch	Electronic Tunneling from Metals (Quasiparticle Interference)	Natl. Sci. Fdtn.	212,117 36
Aerospace Mech. Eng.	A. Cain, T. Akai, T. Mueller	Modelling a Leading Edge Separation Bubble	Natl. Aero. Space Admin.	44,307 12
Psychology	G. Howard	Volitional Study of Alcohol Consumption	Alcoh. Bev. Med. Res. Fdtn.	29,641 12
Physics	A. Livingston	Spectroscopy of Highly-Ionized Atoms	Natl. Sci. Fdtn.	124,794 12
Chemical Eng.	A. Varma	Parametric Sensitivity and Runaway in Catalytic Reactors	Amer. Chem. Soc.	113,888 36
Metallurgical Eng.	A. Miller, C. Crowell	Interactive Videodisc Training in Chemical Safety	Intl. Bus. Machines	167,148 12
Biology	P. Grimstad	Ecology of Vectors of Jamestown Canyon Virus	Natl. Inst. Health	154,333 12
Psychology	T. Whitman	Self-instruction and Mental Retardation	J.P. Kennedy Fdtn.	148,515 36
Psychology	M. McDaniel	Encoding Difficulty and Memory	Natl. Sci. Fdtn.	146,936 24
Earth Sciences	J. Rigby	Three Dimensional Analysis of Fossil Teeth	Amer. Chem. Soc.	22,768 24
College Science	D. Snyder, M. Pollard	Restricted Diets and Early Growth in Germfree Rats	Natl. Inst. Health	21,168 12
Physics	J. Poirier	Research in Elementary Particle Physics	Natl. Sci. Fdtn.	688,193 36
Civil Eng.	L. Ketchum	Elkhart Environmental Center	Amer. Can Co. Fdtn.	22,768 12
Chemical Eng.	J. Kohn	Liquid - Liquid - Vapor Equilibria in LNG Systems	Gas Proc. Assocn.	46,379 12
Anthropology	I. Press	Sociocultural Results of Population Dispersal in Seville	Comm. Cultural Educ. Coop.	65,060 12
Biology	P. Diffley	Research Career Development Award: Virulence Factors of African Trypanosomes	Natl. Inst. Health	71,063 12
Civil Eng.	L. Ketchum	Elkhart Environmental Center	Bird Fdtn.	20,111 12
Civil Eng.	A. Jennings	Acid Reactions in Soils	Ind. Water Resour. Res. Cntr.	60,001 13
Chemistry	D. Pasto	Structures and Reactivities of Diradical Intermediates	Natl. Sci. Fdtn.	274,987 36
Psychology	J. Santos	Alcoholism and Related Concomitants	Distilled Spirits Coun. U.S. Inc.	20,177 12

PROPOSALS FOR FACILITIES AND EQUIPMENT

Physics	U. Garg	Lifetime Measurements and Ce <sup>+</sup> Spectroscopy	Research Corp.	17,000 12
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PROPOSALS FOR INSTRUCTIONAL PROGRAMS

Marketing Management	Furuhashi, Cho, Ghiaseddin, Matta	Program of Education in the MOIS	Intl. Bus. Machines	3,557,677 60
Inst. Urban Studies	J. King, T. Broden	Center for Educational Opportunity	Dept. Education	325,238 12
Biology	T. Crovello, M. McDaniel	Teaching Scientific-Method Via Artificial Intelligence	Natl. Sci. Fdtn.	194,897 24
Biology	P. Weinstein	Experimental Parasitology and Vector Biology	Natl. Inst. Health	165,181 12



PROPOSALS FOR OTHER PROGRAMS

Inst. Urban Studies	W. Outlaw, T. Broden	Educational Talent Search	Dept. Education	192,183 12
Snite Museum of Art	D. Porter	IMS-GOS	Inst. Museum Serv.	50,000 12
Mathematics	A. Pillay	Conference in Mathematical Logic	Natl. Sci. Fdn.	10,037 1
Mathematics	A. Pillay	Conference in Mathematical Logic	Argonne Univ. Assoc. Trust Fund	6,209 1
Snite Museum of Art	D. Porter	Rickey Exhibition	Ind. Arts Comm.	45,975 12

## summary of awards received and proposals submitted

IN THE MONTH OF JANUARY, 1985

### AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	7	528,542	1	10,000	9	3,572,542
Facilities and Equipment	1	3,367,000	0	0	1	333,000
Instructional Programs	2	141,223	0	0	2	141,223
Service Programs	0	0	2	15,974	2	15,974
Other Programs	0	0	0	0	0	0
Total	10	4,036,765	3	25,974	14	4,062,739

### PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	7	1,341,067	24	3,249,987	31	4,591,054*
Facilities and Equipment	0	0	1	17,000	1	17,000
Instructional Programs	2	490,419	2	3,752,574	4	4,242,993
Service Programs	0	0	0	0	0	0
Other Programs	2	238,158	3	66,246	5	304,404
Total	11	2,069,644	30	7,085,807	41	9,155,451*

\*Does not include a \$14,824,934 proposal to NSF for a Hazardous Wastes Engineering Research Center and a proposal for \$7,500,000 to the Department of Transportation for a Cold Weather Transit Technology Program.

## closing dates for selected sponsored programs

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

Information Circular Number	Agency	Programs	Application Closing Dates
GENERAL			
FY85-414	Cummington Community and School of the Arts	Scholarships for Summer Residencies	March 15, 1985
FY85-413	National Italian American Foundation	Mini Grants	June 1, 1985
FY85-415	National Science Foundation	Ethics and Values in Science and Technology (EVIST)	May 1, 1985

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## **notre dame report**

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