

# notre dame report

---

## contents

### the university

- 115 Task Force Will Study Campus Computing Needs
- 115 Alumnus Underwrites Tennis Pavilion
- 116 Honesty Committee Formed
- 116 Fountain to Honor N.D. War Dead
- 116 Dooley Statue Placed at Grotto

### faculty notes

- 117 Appointments
- 117 Honors
- 118 Activities

### administrators' notes

- 125 Appointments
- 125 Honors
- 125 Activities

### documentation

- 126 Library Hours - Thanksgiving Holiday
- 127 University Academic Calendar for 1986-87
- 129 President's Address to Faculty
- 132 University Libraries Minutes
  - June 3, 1985
  - September 23, 1985
- 135 Open Enrollment for Health Coverage Announced
- 136 Summary Annual Report for the University
  - Travel Accident Insurance for Faculty and Administrators

### advanced studies

- 137 Current Publications and Other Scholarly Works
- 142 Awards Received
- 143 Proposals Submitted
- 144 Summary of Awards Received and Proposals Submitted

85-86

November 15, 1985

number 5

---

# the university

---

## task force will study computing needs

A task force to create a strategic plan for University computing will be formed by Dean of Engineering Roger A. Schmitz, special assistant to the provost for computing.

Provost Timothy O'Meara directed that the group be established to formulate goals and objectives for University computing, as well as to examine hardware, software, priorities, policies and costs. He said the task force should consider all aspects of computing, including academic and administrative computing, library automation and campus networking. He emphasized that it would work closely with the University Committee on Computing and the Executive Committee for Computing Policy. He also noted that major outlays of University funds would undoubtedly be involved in implementing task force recommendations.

Schmitz said the task force would come up with a plan that would shape implementation decisions over the next three to five years and be aimed at meeting the University's computing needs with the most modern and proven information-processing technology. It is expected that the task force, coordinating its efforts with various college and departmental committees, will submit its report to the provost by Oct. 1, 1986.

## alumnus underwrites tennis pavilion

Franklin E. Eck, a Notre Dame alumnus in Columbus, Ohio, has underwritten the construction of a \$1.2 million indoor tennis facility on campus.

The building, to be located adjacent to the outdoor courts behind the University's Athletic and Convocation Center, will enclose a series of courts and will be named the Eck Pavilion for the donor and his wife, Bryce. While the facility will be available to Notre Dame's men's and women's varsity tennis teams, its primary use will be for recreational tennis, especially during inclement weather months.

Eck is chairman and president of Advanced Drainage Systems, Inc., which produces corrugated plastic drainage pipe for agricultural and commercial purposes. He is a 1944 graduate in chemical engineering at Notre Dame and earned an M.B.A. from Harvard University in 1949. He is a member of the Advisory Council for the College of Engineering and last year endowed a collection in chemical engineering in Notre Dame's Memorial Library.

---

Vol. 15, No. 5

November 15, 1985

Notre Dame Report (USPS 7070-8000) is an official publication published fortnightly during the school year, monthly in the summer, by the University of Notre Dame, Department of Public Relations and Information. Second-class postage paid at Notre Dame, Ind. Postmaster: Please send address corrections to: Editor, Notre Dame Report, c/o Rm. 212, Administration Building, Notre Dame, IN 46556

© 1985 by the University of Notre Dame, Ind. 46556. All rights reserved.

---

---

## honesty committee formed

An Honesty Committee composed of faculty, administrators and students has been formed following a recommendation of the University Curriculum Committee and approved by the Academic Council. The appointments were announced by Provost Timothy O'Meara.

Rev. Edward A. Malloy, C.S.C., associate provost, is chairman of the committee. He will be joined by Stephen Batill, associate professor of aerospace and mechanical engineering; Francis J. Castellino, dean of the College of Science; Carol Mooney, associate professor of law; David Ricchiute, associate professor of accountancy, and J. Robert Wegs, associate professor of history.

Student members are Earl Baker, a senior engineering student and academic commissioner of Student Government; Vincent Lowell, sophomore in the College of Engineering; Margaret McCabe, junior in the College of Business Administration, and Robert G. Molnar, junior in the College of Science.

The committee has the responsibility to evaluate the matter of cheating and to determine steps that can be taken to alleviate the problem.

## fountain to honor and war dead

Construction is underway on campus for a fountain, designed by architect John Burgee, that will memorialize alumni who died in the service of their country during and since World War II. The fountain will be located in the mall created by the razing of the old Fieldhouse in 1983, with construction scheduled for completion by Commencement May 18, 1986.

The war memorial was a gift of the late Mrs. John W. Clarke of Chicago, in memory of her husband, a member of the College of Business Administration Advisory Council until his death in 1983. Mrs. Clarke, a former officer in the Army Nurse Corps, died Sept. 11.

## dooley statue placed at grotto

Notre Dame's replica of the Grotto of Lourdes, a favorite meditation area for the legendary Dr. Tom Dooley as a student, is the location for a statue of the physician who was a hero to thousands of Southeast Asians he treated. A bronze sculpture of the young medic with two Laotian children has been placed in the area just west of the popular campus shrine and will be dedicated in ceremonies planned for Feb. 1.

The 52-inch high statue, on a 48-inch base of Indiana limestone, is the work of Rudy Torrini, a 1958 Notre Dame graduate and art faculty member at Fontbonne College in Dooley's native St. Louis. Torrini completed the statue as a gift to the University, and friends of Dooley and members of the Notre Dame Club of St. Louis raised \$10,000 to cover costs of bronzing and transportation. Torrini was a student of Notre Dame's famed Croatian sculptor, Ivan Mestrovic.

# faculty notes

---

## appointments

Rev. Robert S. Pelton, C.S.C., director of the Institute for Clergy Education, will become director of the University's Institute for Pastoral and Social Ministry, effective at the beginning of the 1986-87 academic year. Father Pelton is author of numerous scholarly and popular articles on continuing education for clergy, the development of lay leadership in the Church, and Latin American theologies. He will succeed Msgr. Joseph Gremillion as director of the Institute. Monsignor Gremillion, who has served in that position since 1983, will remain at the University to continue his ecclesial and social research and to write two or three books, including the second volume of his well-known work, "The Gospel of Peace and Justice."

Edward R. Trubac, professor of finance and business economics, has been appointed director of the Center for Research in Banking in the College of Business Administration. A specialist in business forecasting, his research has included nonprofit organization management and economic impact of private colleges and universities in Indiana. He has served as director of the University's Master of Science in Administration Program and as chairman of the Department of Finance and Business Economics.

## honors

Barbara Allen, assistant professor of American studies, was recently elected to the nominating committee of the American Folklore Society, and has been appointed to the advisory board for the Publications of the American Folklore Society.

Thomas P. Bergin, dean of continuing education and professor of management, has been elected vice chairman of the newly formed Arts Midwest Association, a new nine-state arts group formed by the merger of two regional organizations.

David M. Betson, assistant professor of economics, was recently elected a member of the International Institute of Public Finance at the Institute's World Congress held in Madrid, Spain.

Adela Yarbrow Collins, professor of theology, has been appointed editor of the Society of Biblical Literature Monograph Series, and in that capacity attended the mid-year meeting of the Society's Research and Publication Committee in Atlanta, Ga., Oct. 3-5.

Bernard E. Doering, associate professor of modern and classical languages, has been elected chairman of the nominating committee of the American Maritain Association.

Keith J. Egan, adjunct professor of theology, has been appointed Theological Resource Person for the pastoral care department at Saint Joseph's Medical Center, South Bend.

Sonia G. Gernes, associate professor of English, has been appointed to the Literature Advisory Panel of the Indiana Arts Commission.

Richard W. Hubbard, assistant professional specialist in the Center for the Study of Contemporary Society, has been named to the editorial board of "Gerontology and Geriatric Education."

Rev. Ernan McMullin, O'Hara professor of philosophy, was awarded the Centennial Medal of John Carroll University, Cleveland, Ohio, Oct. 9 for distinguished achievement in philosophy. His medal address was "Scientific Change." He also gave a colloquium at John Carroll on "Truth and Explanation," and spoke to an audience of Montessori teachers in Cleveland on "The Teaching of Evolution."

---

## activities

Barbara Allen, assistant professor of American studies, made two presentations, "Oral History: The Folk Connection" and "Talking About the American Past: Oral History and American Studies," as an invited speaker at the National Symposium on Oral History at Baylor University, Waco, Texas, Oct. 7 and 8.

Hafiz Atassi, professor of aerospace and mechanical engineering, gave an invited lecture at the 17th Biennial Fluid Dynamics Symposium in Sobieszewo, Poland, Sept. 3 as a guest of the Polish Academy of Science. The title of his lecture was "Aerodynamics of Unsteady Vortical Flows." Dr. Atassi also visited the Centre National de la Recherche Scientifique in Paris, France, and the Office National d'Etudes et de Recherches Aeronautiques in Chatillon, France, on Sept. 9 and 10, where he gave lectures on the "Unsteady Aerodynamics of Lifting Airfoils."

Joseph Blenkinsopp, John A. O'Brien professor of Old Testament Studies, was an invited speaker at a conference on Nostra Aetate of Vatican II, held at Siena College, Albany, N.Y., Oct. 27-28.

Robert D. Boromisa, postdoctoral trainee in biological sciences, presented an invited paper on "Transmission of Jamestown Canyon Virus by Aedes stimulans" at the Illinois Mosquito Control Association meeting held in Champaign, Ill., Oct. 11.

Joseph X. Brennan, professor of English, gave a series of two-hour seminars to students and faculty of the Department of English, the University of the Azores (Portugal), including: four seminars on the short fiction of Edgar Allan Poe May 13-14, and three seminars on the short fiction of Ernest Hemingway May 16-17. He also presented a public lecture on "Mobility and Stasis in American Literature" during his visit, and gave an invited public lecture at the

University of Coimbra, Portugal, May 30, on "Mobility and Stasis as Thematic Structure in American Literature."

Stephen R. Carpenter, associate professor of biological sciences, presented a paper titled "Chlorophyll Turnover and Sedimentation: Paleolimnological Implications" at the annual meeting on Northern Lakes Research held at Kemp Station, Wis., May 18.

Kevin J. Christiano, assistant professor of sociology, served as commentator for the panel on "Religion and Acculturation" at a conference on "The Culture of American Catholicism," sponsored by the Cushwa Center for the Study of American Catholicism, held at the Center for Continuing Education Oct. 4.

George B. Craig, Jr., Clark professor of biological sciences, delivered the keynote address, titled "Mosquito Control in the year 2000," at the joint meeting of the Indiana and Ohio Vector Control Associations, held Oct. 19-23 in Cincinnati, Ohio.

Theodore J. Crovello, professor of biological sciences, gave a panel paper titled "The Gap Between Educational Computing and Artificial Intelligence" at a meeting of the Association of Computing Machinery, Denver, Colo., and presented a seminar titled "Quantitative Systematics and Biogeography" at the University of Colorado, Boulder, Oct. 17.

Fred R. Dallmayr, Dee professor of government and international studies, presented a paper on "Hermeneutics and Deconstruction: Gadamer and Derrida in Dialogue" to the Study Group on "Political Communication" at the World Congress of the International Political Science Association in Paris, France, July 15. He presented "Farewell to Metaphysics: Nietzsche between Heidegger and Derrida" to the Foundations of Political Theory group at the annual meeting of the American Political Science Association in New Orleans, La., Aug. 29-Sept 1, and served as chairperson and discussant on several panels at that meeting.

He served as chairperson of a panel on "Semiotic Phenomenology" at the annual meeting of the Merleau-Ponty Circle at Southern Illinois University in Carbondale Sept. 26, and presented a talk on "Self-Reflection in the Arts and Sciences" at the annual meeting of the Society for Phenomenology and the Human Sciences in Evanston, Ill., Oct. 19.

Peter Diffley, assistant professor of biological sciences, presented a paper titled "Immunological Characterization of Surface Coat Shed into Plasma of Infected Rodents" at the 60th annual meeting of the American Society of Parasitologists, held in Athens, Ga., Aug. 2-8.

Bernard E. Doering, associate professor of modern and classical languages, delivered a paper titled "Some American Illusions about Maritain" in response to a paper titled "Maritain's American Illusions" at the convention of the American Maritain Association in Atlanta, Ga., Oct. 11-13.

John D. Dow, Freimann professor of physics, chaired a session on "Electronic Materials" at the Review of Materials Research Conference, Argonne, Ill., Sept. 12.

Patrick F. Dunn, associate professor of aerospace and mechanical engineering, presented an invited seminar titled "Experiments to Characterize Light-Water-Reactor Volatile Fission-Product Aerosols" at Purdue University, West Lafayette, Ind., Oct. 15.

Keith J. Egan, adjunct professor of theology, gave a lecture on "Love, Human and Divine, in the Spiritual Canticle of John of the Cross" at the 20th International Congress on Medieval Studies, held at Western Michigan University, Kalamazoo, in May. He also organized the annual session on Carmelite studies at the congress. He gave seven lectures on "The Medieval Roots of Carmelite Spirituality" at the national gathering of Carmelite seminarians held at Swanton, Md., May 26-29, and gave eight lectures on "The Listening Heart: Contemplative Meditation for Busy Christians" for a workshop at Marquette University, Milwaukee, Wis., June 14-16.

Isaac Elishakoff, visiting Freimann professor of aerospace and mechanical engineering, presented a paper on "Influence of Shear Deformation and Rotary Inertia in Random Vibration of Structures" at the 19th Midwestern Mechanics Conference in Columbus, Ohio, Sept. 9. He also presented "Random Vibration of Structures with Coincident Natural Frequencies" at the 10th Biennial Conference on Mechanical Vibration and Noise in Cincinnati, Ohio, Sept. 12, and gave a seminar titled "Overview of Random Vibrations" at the Flight Dynamics Laboratory, Wright-Patterson Air Force Base, Dayton, Ohio, Sept. 27. He presented a paper titled "First Order Second Moment Method in Buckling of Shells

with Random Imperfections" at the 22nd annual meeting of the Society of Engineering Science, held at Penn State University, State College, Pa., Oct. 7.

Thomas P. Fehlner, chairman and professor of chemistry, presented a plenary lecture titled "Boron Bridges the Gap" to the 30th International Union of Pure and Applied Chemistry Congress in Manchester, U.K., Sept. 10.

G. Ferraudi, associate professional specialist in the Radiation Laboratory, presented a conference paper on "Zeeman Effect on the Photochemistry of Coordination Compounds" at the Fourth meeting of the Argentine Society for Physical Chemistry, Rio Cuarto, Argentina, Sept. 17. He gave the following invited talks: "Copper-Alkyl Intermediates in the Photochemistry and Thermal Redox Reactions of Macrocyclic Complexes," for the Atomic Energy Commission, Buenos Aires, Argentina, Sept. 10, and for the University of LaPlata, Argentina, Sept. 12; and "Ligand vs. Metal Center Oxidation in Electron Transfer Reactions of Macrocyclic Complexes" for the University of Buenos Aires, Argentina, Sept. 23.

Malcolm J. Fraser, Jr., assistant professor of biological sciences, presented an invited paper on "The Plaque Assay of Baculoviruses with Emphasis on FP, OB-, and Blue Plaque Morphology Mutants" at the annual meeting of the Society for Invertebrate Pathology, held at Sault Ste. Marie, Ontario, Canada, Aug. 4-9. He gave poster presentations on "Cloning and Analysis of Cell Strains Derived from the *Heliothis zea* (IPLB-HZ 1075) Insect Cell Line" (with Bart Corsaro) and "Characterization of Mutants Isolated Upon Passage of *Choristoneura fumiferana* Nuclear Polyhedrosis Virus in Larvae of *Trichoplusia ni*" (with Heidi Wang) at the Third International Cell Culture Congress, Sendai, Japan, Sept. 10-14. He also presented "The FP mutation of Baculoviruses: A novel in vitro system for the study of transposon mediated mutagenesis" as an invited speaker at the Satellite Symposium on Application of Invertebrate Cells in Vitro at that congress. Dr. Fraser gave the following invited talks in Taiwan, Republic of China: "Recent Advances in the Molecular Biology of Baculoviruses," for the department of biology at Fu-Gen Catholic University, Taipei, Sept. 16; "Baculovirus Expression Vectors," for the Institute of Biochemistry, National Taiwan University, Taipei, Sept. 16, and for the Food Industry Research and Development Institute, Hsinchu, Sept. 17; and "The FP mutation of Baculoviruses and Transposon Mediated Mutagenesis" for the Institute of Radiation Biology, National Tsing Hua University, Hsinchu, Sept. 17.

Maira Marti Geoffrion, associate professor of art, art history and design, was an invited artist-sculptor in residence for the Sculpture South Bend Symposium, Sept. 3-22, and gave a public talk on her work at the South Bend

Marriott Hotel Sept. 22. She also was invited to mount the opening show of the season at 14 Sculptors Gallery, New York City; her solo show of four drawings and seven sculptures was on display Sept. 8-29.

Sonia G. Gernes, associate professor of English, chaired a session on "Worldview and the Catholic Imagination" at the Cushwa Conference on the Culture of American Catholicism, held at Notre Dame Oct. 4.

Philip Gleason, professor of history, gave a talk titled "Two Centuries of Catholic Higher Education in the United States" at a conference on The Task of Evangelical Higher Education, Wheaton College, Wheaton, Ill., May 20.

Denis Goulet, O'Neill professor of Education for Justice, gave the keynote address, "Liberation Theology/Ethics of Development/Latin America," at the Liberation Theology Symposium sponsored by the theology department of Gannon University, Erie, Pa., Oct. 6. He also gave a lecture titled "Liberation in Theology...and Politics" Oct. 7 at that symposium. He gave a lecture titled "Creating Wealth, or Causing Poverty?" at the Sixth National Conference on Business Ethics, sponsored by the Center for Business Ethics of Bentley College, Waltham, Mass., Oct. 10, and lectured on "Theory and Practice of Participation in Development: State of the Arts and Lessons of Experience" at the Center for International and Area Studies of Yale University, New Haven, Conn., Oct. 11. On Oct. 17, he participated in a debate with Michael Novak of the American Enterprise Institute, Washington, D.C., on the topic of "Liberation Theology vs. The Liberal Society." The debate was sponsored by the Thomas J. White Center on Law and Government of the Notre Dame Law School. He also gave an address titled "The Quest for Wisdom in a Technological Age" at the Ohio Valley Philosophy of Education Society meeting, held in Indianapolis, Ind., Oct. 18.

Paul R. Grimstad, assistant professor of biological sciences, presented a seminar on the public health implications of Jamestown Canyon Virus, a Zoonosis of White-Tailed Deer, to the senior staff of the Michigan Department of Natural Resources' Wildlife Division at Lansing, Mich., Sept. 26.

Maureen Hallinan, White professor of arts and letters, sociology department, presented a paper, co-authored with Ruy Teixeira, titled "Opportunities and Constraints: Black-White Differences in the Formation of Interracial Friendships" at the annual meetings of the American Sociological Association, Washington, D.C., Aug. 26-30.

Mark A. Herro, assistant professor of electrical engineering, presented papers (with L. Hu) on "Multi-Pulse PPM and a New Look at Coding for the Direct-Detection Optical

Channel" and "Error-Correcting Line Codes" at the 23rd annual Allerton Conference on Communication, Control and Computing, held in Monticello, Ill., Oct. 3-4.

Yih-Fang Huang, assistant professor of electrical engineering, presented a paper titled "Analysis by Aggregation of the Generalized Stochastic Petri Nets with Applications to Reliability/Maintainability and Fault Diagnosis" at the 1985 International Symposium on Circuits and Systems, in Kyoto, Japan, June 5-7. Dr. Huang also gave the following invited seminars: "On the Recursive Estimation in Adaptive Signal Processing - A Set Theoretic Approach," for the Department of Control Engineering, Osaka University, June 3; "A Reformulation of Recursive Least-Squares Estimation for AR/ARMA Parameters," for the Department of Applied Mathematics and Physics, Kyoto University, June 4; "A Recursive Parameter Estimation Algorithm Using Information-Dependent Updating," for the Department of Information Engineering, National Taiwan University, June 10; "Statistical Theory of Signal Detection Based on Methods of Moments," for the Institute of Information Science, Academia Sinica, Taiwan, June 11; and "On the Recursive Estimation in Adaptive Signal Processing," for the Institute of Information Science, Academia Sinica, June 12.

Linda Lucas Hudgins, assistant professor of economics, gave a public seminar sponsored by the National Marine Fisheries Service, U.S. Department of Commerce, titled "New Entrants in the Western Pacific Skipjack Tuna Fishery" in Honolulu, Hawaii, July 19. She also delivered a paper, "Economic Issues of Size of Fish Caught: The Hawaii Shipjack Tuna Fishery" at the ninth annual meetings of the Pacific Regional Science Association in Molokoi, Hawaii, Aug. 15-19, and gave a staff briefing on "Mexico and the Political Economy of Tuna Fisheries in the Pacific" at the Centro de Estudios Fronterizos del Norte de Mexico, Tijuana, Sept. 17.

Roger F. Jacobs, professor of law and law school librarian, gave an invited presentation, "25 Years of Canadian Law Librarianship -- The Basis for the Future," at York University, Toronto, Ontario, Canada, Oct. 4.

Thomas J. Jemielity, associate professor of English, delivered a paper, "Divine Derision and Scorn: The Hebrew Prophets as Satirists," at the annual meeting of the Medieval Association of the Midwest, held at Iowa State University, Ames, Sept. 28. He also delivered "Biography: Samuel Johnson's Domestic Epic" at the annual meeting of the Indiana College of English Association, held at Manchester College, North Manchester, Ind., Oct. 4. The next day, he delivered a paper on "Thomas Pennant's Scottish Tours and the Journey to the Western Islands of Scotland" at the annual meeting of the American Society for Eighteenth Century Studies (Midwest Section) at Purdue University, West Lafayette, Ind.

Rev. Charles Kannengiesser, S.J., Huisking professor of theology, gave presentations on "Pluralism and the Reception of Councils in the Light of Nicaea. A Doctrinal Consideration for Today" and "Evil and Conversion in Augustine's Confessions" at the annual conference of the Irish Theological Association, Dublin, May 23-26. He also presented "Origenes im Christlichen Abendland bis zur Zeit der Reformation" at the Internationales Origenes-Kolloquium, Innsbruck, Austria, Sept. 2-7.

Jeffrey C. Kantor, assistant professor of chemical engineering, presented a seminar on "Global Linearization and Nonlinear Control Design for Several Chemical and Biochemical Systems" in the department of chemical engineering at the University of Washington, Seattle, Oct. 7.

Kwan S. Kim, associate professor of economics and faculty fellow in the Kellogg Institute, presented a paper titled "South Korea's Strategies for Rural Development: Lessons for Other Developing Countries" at the Midwest Conference on Asian Affairs, held at Miami University, Oxford, Ohio, Oct. 12.

Edward A. Kline, chairman and professor of English, and director of the Freshman Writing Program, chaired the colloquium on "Writing, Literacy, and the Liberal Arts" at the annual meeting of the Indiana Teachers of Writing, held in Indianapolis, Sept. 27. He also presented, "Computer-Aided Review Lessons in English Grammar and Spelling on the Micro-computer" at the annual conference of the Indiana College English Association at Manchester College, North Manchester, Ind. Oct. 4.

Richard Kwor, associate professor of electrical engineering, presented a paper titled "Electrical Properties of the Overlayer in Silicon on Insulator Structures Formed by the Implantation of High Dose of Nitrogen" at the 168th meeting of the Electrochemical Society in Las Vegas, Nev., Oct. 13-18. Also presented were two papers titled "Annealing Characteristics of Si-N Absorption Bands in High Dose Nitrogen-Implanted Silicon" and "A New Model for Redistribution of High Dose Phosphorus Implants During Rapid Thermal Annealing" which Dr. Kwor co-authored.

Mitchell Lifton, professor of communication and theatre, is film and video designer and consultant for the 10th anniversary celebration of the Centre Pompidou (Beaubourg), Paris, 1987. He will be in charge of video for a sculptural installation by Anne and Patrick Poirier, and for a spectacle choreographed by Maurice Bejart to music by Pierre Henry. He also is senior partner and producer of "The Video Encyclopedia," a comprehensive video production project, with Milton Glazer, Thomas C. Johnson, Professor John Fuegi, and others.

Rev. Edward A. Malloy, C.S.C., associate provost and associate professor of theology, was a panelist responding to "Legal Presentations on New Legislation in Indiana on Living Wills" as part of the Ethics Lecture Series and Continuing Education Programs for St. Joseph's Medical Center, South Bend, Oct. 2.

Edward Manier, associate professor of philosophy, was a Visiting Scholar at Columbia University for the 1984-85 academic year, working on a critical comparison of current psychological and cell biological theories of Pavlovian conditioning in vertebrates and invertebrates. He led a seminar on Charles Darwin in April at the Center for Molecular Neurobiology and Behavior at the New York State Psychiatric Institute and the Columbia College of Physicians and Surgeons, and took the Cold Spring Harbor Laboratory Course in the Cellular and Molecular Biology of Behavior during the summer. He also served as program chair of the 1985 meetings of the Society for the Social Studies of Science, held at Rensselaer Polytechnic Institute in October.

Vicki J. Martin, assistant professor of biological sciences, presented an invited lecture titled "Division and Differentiation of Interstitial Cells in Hydrozoan Planulae" and served as a symposium participant at an International Conference on Hydroid Development, held in Ulm, West Germany, Sept. 19-Oct. 3.

John E. Matthias, professor of English, gave readings from his poetry at Stanford University and St. Mary's College, Berkeley, Calif., Oct. 8-9.

Rev. Richard P. McBrien, chairman and Crowley-O'Brien-Walter professor of theology, gave the keynote address, "Vatican II - 20 Years Later: Analyzing the Impact - Celebrating a Vision" for the Catholic Medical Center of Brooklyn and Queens Administrative Personnel Program, held at St. John's University, New York City, Sept. 22. He also lectured on "The Extraordinary Synod" at the Tablet Forum of St. Francis College, Brooklyn, N.Y., Sept. 23.

Mark A. McDaniel, assistant professor of psychology, presented papers at two recent experimental psychology meetings: "The Mnemonic Effects of Bizarre Imagery: Increased Attention or Distinctiveness?" at the Hoosier Mental Life Conference at Purdue University, West Lafayette, Ind., May 24, and "The Effects of Retrieval on Subsequent Recall" at the Gesellschaft fur Unendlich Versuche, held in Wisconsin Sept. 27-28.

Ralph M. McInerney, Grace professor of Medieval Studies and director of the Jacques Maritain Center, delivered a lecture on the "Moral Thought of Thomas Aquinas" at the History of Moral Philosophy conference held at Marquette University, Milwaukee, Wis., Oct. 4.



Anthony M. Messina, assistant professor of government and international studies, presented a paper titled "Race and Local Politics in Britain: A Study of Ealing Borough" at the Carolinas Symposium on British Studies held at East Tennessee State University, Johnson City, Oct. 12-13.

Rev. John A. Melloh, S.M., associate professional specialist in theology and coordinator of the John S. Marten Program in Homiletics and Liturgics, gave a series of lectures on Celebrating the Sacraments of Initiation and Eucharist at the Atlantic School of Theology, Halifax, Nova Scotia, Canada, July 1-5. He also gave a retreat for collegiate-level seminarians of the Archdiocese of Detroit Sept. 19-22. He gave the following presentations: "Proclaiming the Word of God," followed by a practice session for St. Bavo's Parish, Mishawaka, Oct. 10; "Care of the Sick: The Dimension of Prayer," for CPE students at Memorial Hospital, South Bend, Oct. 15, and "Celebrating the Sacraments," during study days for religious educators, liturgists, and priests of the Diocese of Venice, Fla., Oct. 20-21. He also was an invited participant at a meeting for professors of homiletics in Roman Catholic seminaries, sponsored by the National Federation of Priests Councils and held in Chicago, Ill., Oct. 16-18.

Anthony N. Michel, chairman and professor of electrical engineering, gave an invited paper titled "On the Mechanism of Transient Instability of Power Systems: Improved Results" at the 1985 American Control Conference in Boston, Mass., in June. He also gave several overseas presentations in June, including an invited talk titled "Stability Analysis of Hybrid Composite Dynamical Systems" at the 1985 IEEE International Symposium on Circuits and Systems in Kyoto, Japan; two lectures on stability of large-scale dynamical systems at the Electronics Institute, Academia Sinica, Beijing, China; and an invited paper titled "Stability Analysis of Discrete-Time Interconnected Systems: Results Involving the System Topology" at the China 1985 International Conference on Circuits and Systems, also in Beijing.

Carol Ann Mooney, associate professor of law, gave an invited talk outlining the history of living wills legislation and critiquing the recent Indiana legislation, at Saint Joseph's Medical Center, South Bend, Oct. 2.

Thomas J. Mueller, professor of aerospace and mechanical engineering and director of engineering research and graduate studies, presented a seminar titled "An Analysis of Separation Bubbles Formed on Low Reynolds Number Airfoils" at the NASA Langley Research Center, Hampton, Va., Oct. 4.

Rev. Roland E. Murphy, O. Carm., John A. O'Brien visiting professor of theology,

attended the editorial board meeting for the journal "Interpretation" at Union Theological Seminary, Richmond, Va., Sept. 27-28, lectured on Israelite Wisdom at the Buffalo (N.Y.) Catholic Biblical Institute Oct. 18-20, and gave a lecture on the Psalms at St. Xavier's College, Chicago, Oct. 24.

Thomas L. Nowak, professor of chemistry, presented a paper titled "The Active Site on Yeast Enolase" (with Byung H. Lee and Myoung E. Lee) at the 13th International Congress of Biochemistry, Amsterdam, The Netherlands, Aug. 26. He also presented an invited symposium lecture titled "Chemical and Physical Studies of the Catalytic Site of Enolase" at that meeting, and presented an invited discussion on "The Structure of Functions of Hyperbolic Pyruvate Kinase Versus Allosteric Pyruvate Kinase" at the Department of Molecular Biochemistry, University of Bristol, England, Sept. 2.

Patricia A. O'Hara, associate professor of law, delivered an invited lecture titled "The Federal Securities Regulatory Scheme for Start-Up Financings" to the Business Organizations Section of the St. Joseph County Bar Association, South Bend, Oct. 3.

Thomas O'Meara, O.P., Warren professor of Catholic theology, gave a lecture titled "'Revelation' in Schelling's Lectures on Academic Studies" at the international symposium "Schelling's Philosophical Beginnings," sponsored by the Faculty of Philosophy, The University of Malaga, Spain, Sept. 25-Oct. 1.

Carl W. O'Neill, professor of anthropology, read a paper titled "Traditional Healing in the Zapotec Treatment of 'Susto', Implications for Western Medicine" at the 45th meeting of the International Congress of Americanists, held at the Universidad de lo Andes in Bogota, Columbia, July 1-6.

Leonard Orr, assistant professor of English, presented a paper on "Yeats' Theories of Fiction" at the W.B. Yeats Symposium, West Chester (Pa.) University, Oct. 3-5.

Alvin Plantinga, John A. O'Brien professor of philosophy, gave the following lectures at Victoria University, Wellington, New Zealand, July 23-24: "Is Belief in God Rational?"; "Two Concepts of Modality: Modal Realism and Modal Reductionism"; and "Ockham's Way Out." He also presented "On Ockham's Way Out" and "The Evidentialist Objection to Theistic Belief" at Otago University, Dunedin, New Zealand, July 25-26, lectured on "Two Concepts of Modality" and "On Ockham's Way Out" at La Trobe University, Melbourne, Australia, Aug. 1-2, and lectured on "Is Belief in God Properly Basic?" at the University of New England, Armadale, Australia, Aug. 4. He presented "On Ockham's Way Out" and "Is Belief in God Rational?" at Wabash College, Crawfordsville, Ind., Sept. 12-13.

Irwin Press, professor of anthropology, participated in a national teleconference on Patient Satisfaction sponsored by the American Hospital Association, Chicago, Ill., Sept. 19.

Frank K. Reilly, dean and Hank professor of business administration, attended the Financial Management Association (FMA) annual meeting in Denver, Colo., in October, where he presented a paper on "Comparative Liquidity of Capital Assets: An Empirical Study," and served as a member of the Program Committee for the meeting. He also chaired the Nomination Committee for the FMA and attended Board of Directors and Trustees meetings for the association.

Paul Roche, visiting professor and poet-in-residence in the Program of Liberal Studies, gave a lecture on "Duncan Grant and the Bloomsbury Group" at the Tate Gallery, London, July 3. He also gave a series of talks on the importance of poetry in drama Sept. 6, 13, and 20 for students in the Professional Theatre Training Program at the University of Wisconsin, Madison. The group, composed of professional actors taking advanced courses, mounted a production of Plautus' "Major Bullshot Gorgeous" using a translation by Professor Roche.

John F. Santos, director of the GERAS Center and professor of psychology, spent the week of July 3-10 serving as a special advisor and lecturer for agencies serving the elderly in Bermuda. Along with Mary Alice Santos, Program Manager of the GERAS Center, he met with the Premier of Bermuda and service agency administrators to discuss plans for future gerontological educational and service program development and cooperation. During a series of lectures presented to agency personnel during the visit, Mary Alice Santos discussed problems of working with the frail elderly and John Santos spoke on personality and aging, stresses and problems of later life and death and dying. On July 11, Dr. Santos served as a faculty member for a special workshop on the "Social Processes of Aging" at the University of Maryland, lecturing on psychopathology of aging and late life crises.

Roger A. Schmitz, McCloskey dean of engineering and professor of chemical engineering, presented graduate seminars in the departments of chemical engineering at SUNY, Buffalo, and the University of Massachusetts, Amherst, on Sept. 25-26, titled "Thermal Images of Catalysts During Reaction" and "Thermographic Studies of Catalytic Reaction Dynamics," respectively.

Robert H. Schuler, professor of chemistry and director of the Radiation Laboratory, gave a presentation on "Time Resolved Studies of Reaction Intermediates in Radiation Chemistry" at a Symposium on Radiation Research, Pan American Chemical Congress, held in San Juan, Puerto Rico, Oct. 14-18.

James H. Seckinger, director of the National Institute for Trial Advocacy (NITA) and professor of law, chaired the annual meeting of the NITA Program Directors, held in St. Paul, Minn., Sept. 18-22, and was a faculty member for the Washington, D.C., NITA Advanced Program Oct. 5-6.

J. Eric Smithburn, professor of law, served as a member of the faculty of the National Judicial College, located at the University of Nevada, Reno, Sept. 30 - Oct. 4, where he lectured on judicial discretion and practice to 150 state trial court judges from throughout the United States and abroad.

Dennis M. Snow, assistant professor of mathematics, participated in the American Mathematical Society Summer Research Institute on Algebraic Geometry, held at Bowdoin College, New Brunswick, Maine, July 8-26.

Andrew J. Sommese, professor of mathematics, gave a colloquium on "Quotients by Group Actions" at the University of Regina, Saskatchewan, Canada, Sept. 27.

Wilhelm F. Stoll, professor of mathematics, was a temporary member of the Sonderforschungsbereich "Geometrie und Analysis," University of Gottingen, West Germany, June 20 - July 4. There he participated at the Arbeitstagung, June 25 - July 2, and gave a principal lecture, "Value Distribution for Moving Targets." Dr. Stoll also gave a colloquium, "Eine Defekt Relation fur Bewegliche Zielebenen" at the University of Koustanz, West Germany, July 8.

Albin A. Szewczyk, chairman and professor of aerospace and mechanical engineering, presented a paper titled "Experimental Measurements in a Turbulent Buoyant Wake" and chaired a session on "Unsteady Aerodynamics" at the invitation of the Polish Academy of Science at the 17th Biennial Fluid Dynamics Symposium held in Sobieszewo, Poland, Sept. 1-6. He also visited and lectured at laboratories in England and France.

C. William Tageson, associate professor of psychology, chaired a symposium on "Questions Posed by Teleology for Cognitive Psychology" at the 93rd annual convention of the American Psychological Association, Los Angeles, Calif., Aug. 27, and served as discussant of the papers presented.

Lee A. Tavis, C.R. Smith professor of business administration, gave a presentation on "Corporate Social Responsibility" to the South African business community in Johannesburg, South Africa, July 23, and taught international finance at the University of Stellenbosch, Capetown, South Africa, July 18-Aug. 23. He also interviewed governmental officials, and Korean and U.S. business executives in Seoul, South Korea, about business/government interaction in that country during a visit to Seoul Aug. 14-23.

J. Kerry Thomas, Nieuwland professor of science in the department of chemistry, presented an invited talk, "Flourescence Studies in Polymeric and Polymeric-Surfactant-Clay Systems" at the IUPAC meeting in Manchester, England, Sept. 8-13. He also presented a plenary address, "Fast Reactions in Colloidal and Constrained Systems" at the Fast Reactions Symposium of the Royal Society of Chemistry at York University, England. He recently presented an invited talk, "Photochemistry and Spectroscopy of Inorganic Semiconductor Colloids" at the Fritz Haber Institute and Kaiser Wilhelm Institute at Dahlem, West Berlin. He served as Gast Professor at the Hahn-Meitner Institute of the University of Berlin until Oct. 20, when he joined the Notre Dame London Program.

Robert P. Vecchio, chairman and professor of management, gave an address to the combined OB-OMT-OD Doctoral Consortium, titled "New Directions in Leadership Research," at the national meeting of the Academy of Management in San Diego, Calif., Aug. 10. He also chaired a paper session titled "Social Factors and Work Effort" Aug. 12 at that meeting.

A painting by Donald G. Vogl, associate professor of art, art history and design, titled "Arora Borealis" (acrylic on canvas, 60"x60") is part of the Notre Dame faculty show mounted for the Mid-America College Art Association Conference at the Indiana State Museum, Indianapolis. The exhibit will be on display through Nov. 15. Vogl's "Five Birds Flying South" was on display through Nov. 9 as an artist billboard on Lincoln Way East at South Street in South Bend.

Rev. Joseph L. Walter, C.S.C., chairman of preprofessional studies and associate professor of chemistry, participated in the Indiana medical school advisors conference in Indianapolis Sept. 15, the Ohio Medical School's Conference for Advisors, Oct. 4-5, and the Illinois Medical Schools Conference for Advisors in Chicago, Oct. 10-11.

F. Ellen Weaver, associate professional specialist in theology, gave a talk, "La Contribution des Port-Royalists aux liturgies neo-gallicanes" at the Colloque Port-Royal held at Amersfoort, Holland, Oct. 4.

John A. Weber, associate professor of marketing, gave a talk on "New Arguments for Protectionism: An Assessment" for local executives of Delta Nu Alpha, national transportation fraternity, Oct. 2.

Rev. James F. White, professor of theology, presented a workshop on "The Christian Sacraments" in Tuscaloosa, Ala., Sept. 28-29.

Joseph M. White, assistant faculty fellow in the Cushwa Center for the Study of American Catholicism, presented a paper, "The Bishop as Seminary Educator: Archbishop John Ireland and Bishop Bernard McQuaid on Clerical Formation,"

at the Culture of American Catholicism Conference, held at Notre Dame Oct. 4-5.

Rev. Oliver F. Williams, C.S.C., assistant professor of management, lectured on "Ethics of the Modern Corporation" as part of the Fall Lectures Series, Maryville College, St. Louis, Mo., Sept. 25, and presented a paper on "Ethical Models for Multinational Decision Making" at a conference on Ethical Dilemmas for the Multinational Enterprise, held at Bentley College, Waltham, Mass., Oct. 10.

Erhard M. Winkler, professor of earth sciences, presented a paper titled "A Durability Index for Stone" at the fifth International Congress on Deterioration and Conservation of Stone, held at Lausanne, Switzerland, Sept. 25-29.

Eduardo E. Wolf, professor of chemical engineering, presented a seminar titled "Kinetic Modeling of FTIR Studies of CO Oxidation on Pt and Pd Supported Catalysts" at the Chemical Engineering Department, University of Illinois, Chicago Circle, Oct. 16.

Frederick D. Wright, director of the Black Studies Program and assistant professor of government and international studies, chaired a panel on "The Black American Catholic Experience" at a Conference on the Culture of American Catholicism, held at Notre Dame Oct. 3-5.

Z. P. Zagorski, associate professional specialist in the Radiation Laboratory, conducted a seminar titled "Comparison of Electron in Radiation Chemistry and Electrochemistry" at Oakland University, Rochester, Mich., Oct. 10.

James B. Zimarowski, assistant professor of management, presented a paper on "Corporate Transformations, Bargaining Power, and NLRB Section 8(d)" at the national meeting of the American Business Law Association, Portland, Ore., Aug. 13-16. He also chaired an academic session at that meeting.

# administrators' notes

---

## appointments

Sr. Eleanor Bernstein, C.S.J., has been appointed director of the University's Center for Pastoral Liturgy by Provost Timothy O'Meara. Sister Bernstein holds master's degrees in theology and in liturgical studies, both from Notre Dame. She had served as acting director of the Center for the past year, succeeding Rev. John A. Melloh, S.M., who left the post to become coordinator of the John S. Marten Program in Homiletics and Liturgics. Before arriving at the Center in 1983, Sister Bernstein worked in a variety of liturgical ministries on parish and diocesan levels, in her home city of New Orleans and in the Louisiana dioceses of Baton Rouge and Lake Charles.

Sister Jennifer Glen, C.C.V.I., has been named associate director of the Center for Pastoral Liturgy by Msgr. Joseph Gremillion, director of the Institute for Pastoral and Social Ministry, of which the Center for Pastoral Liturgy is a component. A native of Houston, Texas, Sister Glen holds master's degrees in theology from St. John's University, Collegeville, Minn., and in spirituality from Catholic University in Washington, D.C., where she completed her doctoral studies in 1982. In addition to serving as an editor of Saint Andrew's Bible Missal, she has published several articles in liturgical journals. Her specialty is the Church's sacramental ministry to the sick.

Rex J. Rakow, associate director of security at Notre Dame, has been named director by Rev. David T. Tyson, C.S.C., vice president for student affairs. Rakow joined the Notre Dame security force as assistant director in 1979, coming from the position as head of security at Albion College in Michigan. He holds a B.A. in police administration from Indiana University, Bloomington, and an M.S. in institutional administration from Notre Dame. He also completed the Federal Bureau of Investigation National Academy's 11-week management training program in 1983. He succeeds Glenn L. Terry, whose resignation was effective Oct. 10.

## honors

Rev. David J. Porterfield, C.S.C., assistant director of undergraduate admissions, was recently elected Vice President for Admissions Practices of the National Association of College Admissions Counselors for a three-year term.

## activities

Janine S. Andrysiak and Ellen D. Rogers, sponsored programs administrators in the Division of Research and Sponsored Programs, were presenters of a poster exhibit titled "Annual Research and Scholarly Works Publication: A Model" at the 19th annual meeting of the Society of Research Administrators, St. Louis, Mo., Sept. 29-Oct. 2.

Timothy F. Welsh, head swimming coach, conducted a workshop on "The Art of Language in Stroke and Self-Image Construction" at the American Swimming Coaches Association World Clinic held in Fort Lauderdale, Fla., in mid-September.

# documen- tation

---

## library hours/thanksgiving holiday

<u>Day &amp; Date</u>	<u>Memorial Library</u>		<u>Science &amp; Engineering Libraries</u>
	<u>Building</u>	<u>Public Services</u>	
Wed., Nov. 27	8 a.m.-10 p.m.	8 a.m.- 5 p.m.	8 a.m.- 5 p.m.
Thu., Nov. 28	Closed	Closed	Closed
Fri., Nov. 29	9 a.m.-10 p.m.	9 a.m.- 5 p.m.*	9 a.m.- 5 p.m.
Sat., Nov. 30	9 a.m.-10 p.m.	9 a.m.- 5 p.m.*	9 a.m.-noon; 1 p.m-5 p.m.
Sun., Dec. 1	1 p.m.-11:45 p.m.	1 p.m.-10 p.m.	1-5 p.m.; 6-10 p.m.
Mon., Dec. 2	Return to regular schedule.		

\* PUBLIC SERVICES AREAS OPEN:

Audio Learning Center, Circulation/Stacks Services Department, Microtext Reading Room, Periodical Center, Reference Department, Reserve Book Room.

# university academic calendar for 1986-87

Aug.	22	Friday	Orientation, registration and enrollment for all new upperclass and graduate students.
Aug.	23-25	Sat thru Mon	Orientation and counseling for freshmen.
Aug.	25	Monday	Enrollment for all continuing students and freshmen.
Aug.	26	Tuesday	Classes begin at 8:00 a.m.
Sept.	3	Wednesday	Last date for all class changes.
Sept.	14	Sunday	Mass. Formal opening of school year (subject to change).
Oct.	16	Thursday	Midsemester Deficiency Reports due in Registrar's Office.
Oct.	18-26	Sat thru Sun	Midsemester Break.
Oct.	27	Monday	Classes resume at 8:00 a.m.
Nov.	4	Tuesday	Last day for course discontinuance.
Nov.	13-20	Th thru Th	Advance registration for Spring Semester 1987.
Nov.	27-30	Th thru Sun	Thanksgiving holiday begins at 12:30 p.m. on Wed., Nov. 26.
Dec.	1	Monday	Classes resume at 8:00 a.m.
Dec.	12	Friday	Last class day.
Dec.	13-14	Sat & Sun	Study days (no examinations).
Dec.	15-19	Mon thru Fri	Final examinations.
Dec.	27	Saturday	<u>Absolute deadline</u> for delivery of <u>all</u> grades to Registrar.

CLASS MEETINGS

NUMBER OF CLASS DAYS

MWF	43	MTuF	43
MW	29	MThF	42
MF	28	TT	29
MTuW	44	TWT	44
MTT	43	TTF	43
MWTh	43	TuF	29
MTh	28	TWF	44

	Mon	Tues	Wed	Thurs	Fri	Total
Aug	0	1	1	1	1	4
Sept	5	5	4	4	4	22
Oct	3	3	4	4	4	18
Nov	4	4	4	3	3	18
Dec	2	2	2	2	2	10
Total	14	15	15	14	14	72

(NOTE: Wednesday p.m. classes have one less meeting than shown above due to Thanksgiving holiday.)

Home games: Michigan - Sept. 13; Purdue - Sept. 27; Pittsburgh - Oct. 11; Air Force - Oct. 18; Southern Methodist - Nov. 8; Penn State - Nov. 15.

Home Games affected by midterm break: Air Force - Oct. 18.

Jan. 12 Monday Orientation, registration and enrollment for all new students.

Jan. 13 Tuesday Enrollment for all continuing students.

Jan. 14 Wednesday Classes begin at 8:00 a.m.

Jan. 22 Thursday Last date for all class changes.

Feb. 25-Mar. 4 Wed thru Wed Enrollment reservations for the Fall Semester 1987-88.

Mar. 5 Thursday Midsemester Deficiency Reports due in Registrar's Office.

Mar. 14-22 Sat thru Sun Midsemester Break.

Mar. 23 Monday Classes resume at 8:00 a.m.

Apr. 3 Friday Last day for course discontinuance.

Apr. 17-20 Fri thru Mon Easter holiday begins at 4:00 p.m. Thursday, Apr. 16.

April 21 Tuesday Classes resume at 8:00 a.m.

Apr. 23-30 Th thru Th Advance registration for fall semester 1987-88 and for the 1987 Summer Session.

Apr. 29-May 1 Wed thru Fri Room reservations for the fall semester 1987-88.

May 4 Monday Last class day.

May 5 Tuesday Study day (no examinations).

May 6-11 Wed thru Mon Final examinations (no examinations Sunday).

May 14 Thursday Absolute deadline for delivery of all grades to the Registrar for students who are graduating.

May 15-17 Fri thru Sun Commencement weekend.

May 18 Monday Absolute deadline for delivery of all other grades to the Registrar.

CLASS MEETINGS

NUMBER OF CLASS DAYS

MWF	43	MTuF	42
MW	29	MThF	43
MF	28	TT	29
MTuW	43	TWT	44
MTT	43	TTF	43
MWTh	44	TuF	28
MTh	29	TWF	43

	Mon	Tues	Wed	Thurs	Fri	Total
Jan	2	2	3	3	3	13
Feb	4	4	4	4	4	20
Mar	4	4	3	3	3	17
Apr	3	4	5	5	3	20
May	1	0	0	0	1	2
Total	14	14	15	15	14	72

U.N.D. SUMMER SESSION CALENDAR DATES

	1987
Registration	June 15
Commencement	July 31

(NOTE: Special Olympics will be held July 30 through Aug. 8, 1987.)

---

## president's address to faculty

(Given by Rev. Theodore M. Hesburgh, President of the University, at the general meeting of the faculty October 2.)

This is the thirty-fourth time that I have had the opportunity of addressing the University faculty at the beginning of the new school year. Very few of you were here when I first addressed the faculty in 1952. Looking back, I am continually amazed at how much we have changed as a university during those past three decades and more. Institutional memories are short, so bear with me for a few historical facts.

The student body has more than doubled and the number of faculty has tripled in the past 33 years. The operating budget has gone from \$10 million to \$162 million. Faculty salaries have risen from among the lowest to among the highest in the nation. The academic level of the student body is up about 50%. Total student aid has surged from less than \$250,000 in 1952 to more than \$37 million today. In addition during this same period, our financial aid endowment has grown from a mere \$100,000 to \$50 million. Research has gone from almost nothing to over \$20 million last year. Endowment was minimal, under \$10 million in 1952. It is over \$306 million today, placing us among the top twenty in private universities. There were no women faculty members then; over a hundred today and climbing. Also, no women undergraduates then, 2,600 now and climbing, too. There were almost no minority faculty or students in 1952 -- many more today, but not as many as there should be. Our endowment for minority student financial aid is currently in excess of \$5 million, but it must be increased if we are to open our doors to more minority students.

We then had a crowded library with 250,000 volumes; now a large half-empty library with more than 1,500,000 volumes and over 840,000 microfilm units as well. Then our art collection was a few paintings along the walls of the old library. Now we have what is reputed to be the fifth best art collection among American universities, numbering more than 14,000 pieces. We had very few graduate students then. Today, there are almost 2,000 students enrolled in graduate programs on this campus, giving us a full-time equivalent of almost 1,400 combined graduate, law, and M.B.A. students. Last year, 489 graduate and professional degrees were awarded by Notre Dame. More than half our current academic and support facilities were nonexistent then. The University is practically debt free and has the highest possible credit rating.

Let me add quickly that this record is due to the dedicated efforts of many people, among whom Father Ned Joyce and former vice president for public relations and development Jim Frick deserve special attention since they were in continual service during all this period.

Hearing this record, one might legitimately be tempted to say, "We have arrived. We can now relax and celebrate, maybe even take a sabbatical from all of these efforts on so many fronts." Right? Wrong!

I regret saying this, but we still have a long way to go, not as far as in 1952, but still a long way because we are now competing with the few best universities in the land. Having successfully worked our way through five ever-larger fundraising campaigns, we are now embarking on a sixth, larger than all the others put together. Is this a new form of masochistic self-flagellation or even hubris? Neither, I think. It is a move dictated by our dreams for the future of this place.

The greatest amount of our goal is for faculty development, student aid, and academic programs. Buildings represent a minor amount of our goal because the University is substantially completed and, thank God, relatively new and well-maintained. We are hoping to bring our endowment to over half a billion dollars since this, plus faith, is the guarantee of continued progress and avoiding the growing dilemma of either hopelessly high fees or curtailing our steady upward movement.

You will be hearing more of this campaign before it is publicly announced about a year and a half from now. I am sure that many or all of you will be asked to help as the campaign gets into high gear. Even so, I did want you to know what is already under way, and has been, during the last year or two, under the direction of Bill Sexton, Vice President for University Relations, and his staff. The Trustees, especially our Chairman, Tom Carney, the Provost, Tim O'Meara, the Vice Presidents, the Deans, and others in the academic order have also been deeply involved in planning, some also in early execution through many fly-in weekends for special benefactors during the past two years.



---

We are also deeply indebted to our Board of Trustees who have generously supported both the vision and the planning and, in due time, such as now, are among the first being asked to contribute to this historic campaign.

It is, in a way, unfortunate that so much of what I have already said has had to be in numbers, since this is the easiest way to measure growth and progress, namely quantitatively. That, however, is only a small part of what we are about.

The total endeavor of Notre Dame transcends numbers, important though they are. The inner life of this place, its past, present, and future, must be understood in terms of ideas or concepts, the two most central of which, from Father Sorin's time until ours, are the ideas and ideals of vision and faith.

If you want to really understand the impact of vision and faith upon Notre Dame, look first at the log cabin and then all around it at the rest of the University. Then look inside the heart and mind of Sorin and try to understand how, seeing only that log cabin, he could call the place L'Universite de Notre Dame du Lac and could have visualized what was yet to be. Years later, when Notre Dame was a small, but for those days, respectable college, the vision kept breaking through. Sorin said, "It may not be a university yet, but if there is ever to be a great Catholic university in America, it will be here." Vision alone gives us only a visionary, in the pejorative sense of that word. But join vision and faith, and mountains begin to move. How many mountains needed moving, and still do.

In the university world, we interiorize our mountains. The central one that we are always climbing, to change the metaphor, is quality or excellence. If a university is not an oasis of quality in a sea of mediocrity, it does not deserve the name university. But quality does not come out of the blue, or black, like summer lightning.

Quality must be born and nurtured; it must grow and mature. It must be achieved step by step, day by day, with persistence, fidelity, and dogged determination.

In an academic institution, excellence must be born of a thousand good academic decisions and very few bad ones. Money may be required; indeed, it is essential, but money cannot create institutional academic quality. Only people can: persons of quality, excellence in mind and heart and spirit, excellence geared to the great transcendentals of truth and goodness and beauty. This is even more true of a great Catholic university where the universal transcendentals are ultimately joined to, and identified with, the Transcendental, the ultimate, absolute, the mysterious One in Three Who is the indescribable and unspeakable Truth, Beauty, and Goodness to Whom we are called, the personified academic Holy Grail we seek.

Try to reduce this vision and this faith to numbers and you run right into the dichotomy Descartes aptly described as: L'esprit de finesse et l'esprit geometrique.

Sorin knew his numbers: a few devoted helpers, most without a high-school education, an ox cart of household goods, blankets, cooking pots, shovels and axes, so many of each, and, finally, \$300 in cash. If he went with the numbers, he would have called Notre Dame a primitive country one-room school house. But despite the numbers, he spoke from a great vision and a great faith, and that prospective one-room country school house became L'Universite de Notre Dame du Lac.

In a sense, for us today the situation is reversed, but the need for a perspective reflecting vision and faith is no less important. We have much better numbers. We could be complacent and accept them and the situation they reflect with some pride of accomplishment. That would not be an act of vision and faith, but of resignation. That would be the end of a great dream.

Rather, vision and faith would spur us onward and upward, to be what we might yet become: something unique in all the world, a truly great Catholic university, a place where vision and faith are not just institutionalized in a university, but personified in all of its faculty, students, administrators, staff, and especially, in its almost 80,000 alumni throughout the world.

We would not then be satisfied at being good, which we are. We would continually aspire to be the best that we can become. You know what this requires: Great teaching and research, not the one or the other, but both, a relatively rare phenomenon in the same person. It means good students and demanding academic programs that make these good students even better men and women in mind and heart as they grow here. It means great facilities, classrooms and laboratories, libraries and computers, social and living quarters that contribute to the educational process, an ambience, a beautiful campus, that inspires the best and discourages the worst in us.

---

Above all, there is that all-persuasive spirit that characterizes what we are and what we are doing, all of us caught up in one of the greatest endeavors to which men and women may aspire -- to seek and find and teach what is true in a world of falseness, sham, and deceit; to lead the way to goodness by the way we live our lives in response to grace and inspiration, and, finally, to cherish the beauty of it all that is also ours to have, to portray, and to give.

Vision tells us continually today that this is what we are about, that we can settle for nothing but the best if we are engaged in one of the best of all professions. Faith tells us that it is all possible, despite the mountains to be moved, even within ourselves, despite the routine, the ennui, the frustrations that beset the best of professions and blunt the best of intentions, dulling our youthful aspirations with the abrasions of passing years. Faith keeps the vision bright. Faith also tells us that we need help to create corporate excellence. We need the constant good will and sensitivity that makes working together possible. We need the courage to transcend the petty envy and spite that could put us at cross purposes in our high endeavor, the jealousy that narrows our vision and cheapens our academic efforts. We also need courage to shun like the plague the selfishness and stinginess that is the opposite of the magnanimity that our high endeavor requires of all of us.

In so many academic institutions today, even in some reputed great, these virtues born of faith are conspicuous by their absence. One senses a jungle rather than an academic family and a community of caring and respect. I suspect that many university presidents would not expect such virtuous advice as this to be received with any grace by his colleagues. Rather it might be ridiculed as naive or Pollyannaish. Not here, I trust. It is precisely because there is so much good will and friendly spirit in the very nature of this special place that we can truly aspire to be different, to be ever more an endeavor truly inspired by vision and faith.

Also, it is precisely because we are unique in so many ways, but especially in our dreams for this place, that we can honestly ask benefactors to help us beyond the normal measure of generosity so that we may become even better, even the best.

I am often asked: How does an institution solicit support? The answer is quite simple. People support an endeavor that is different and unique and true to what it proclaims itself to be. If we say that we want to be a great university and then compromise our commitment with low standards and permit low performance, we do not deserve to be supported and we will not be. If we say we are unique in wanting to be a great Catholic university -- something that almost never was -- and then pay little attention to the primacy of the spiritual over the material, if we compromise our rich religious values into nothingness, anomie, or valuelessness; if we give empty lip service to the demands of our faith, if we do not really love our neighbor, especially our close-up and disagreeable neighbor, if we do not worship or pray together -- and alone -- because the secularity of the age may be shocked by the site; if we abide injustice here or anywhere; if we allow our faith to degenerate into empty and meaningless formulas -- if we do any or all of these and still profess to be a great Catholic university -- we deserve to see our support dry up and wither away, and it will. I even hope it will, because we will not deserve support. We may do some or all of these faith practices imperfectly or badly, true enough, but if our commitment is obviously solid and serious and we are trying to do better, we will not have to blow a trumpet to prove it. People will know we are different and unique and they will support us generously, especially if we have all educated their children.

Searching out truth is a slow and laborious process. Pursuing goodness is no less so -- possibly more difficult in the long run. A great Catholic university and all its community members must simultaneously pursue and cherish for themselves and others both truth and goodness, perfecting both the mind and the heart, in themselves and in their students, and therein lies the real beauty and uniqueness of our common endeavor.

Some may say, all well and good for Catholics, but I am not a Catholic. I would remind you that Catholic with a capital "C" means that one is of the Catholic or Christian faith. Catholic with a small "c" means universal, in the original Greek meaning of Katolikos. I would take it that this University must be Catholic in both senses. We must be Catholic in all that it means to be true to our basic Christian faith and we must also embrace the world -- in other words, be ecumenical in our faculty, student body, and staff. We always have been and I trust we always will be. This is an important part of our American tradition. Our basic charter was written in 1844 by a Methodist, Senator Dufrees.

As to vision, I believe that we all, Catholics, Christians, and non-Christians, share the dream of all that this Catholic university can yet become. I would have to admit that

---

many non-Catholic and non-Christian members of our faculty and students have been more dedicated to the basic values and aims of this University than some Catholics have. So much for a common vision. While we do not have, as for example Brigham Young University has, a totally shared faith, I believe that there are few here who do not find their religious faith important in their lives.

I mention this matter explicitly because the Catholic character of the University is important to its total life, past, present, and future. I also mention the ecumenical nature of the University, too, because our history would be truncated without an understanding of this important feature of the University's life.

Let one fear be put to rest, once and for all time: No one who has been accepted here as faculty, student, or staff is a second-class citizen, if not a Catholic. At the same time, we do look hard for outstanding Catholic faculty, too, because it is as essential for us to have Catholics as it is for the Hebrew University to have Jews or for the University of Kuwait to have Muslims. All that being said, I know of few religious universities as ecumenical as this one.

Ecumenical also and importantly means sincerely standing for something and then reaching out in friendship and understanding to someone who sincerely stands for something else. Ecumenism is not like a goulash where everything is mixed together and stewed until it becomes an indistinguishable melange. As I said during a minor flap last year, we have a Catholic Theology Department that is also ecumenical in that we have other religious faiths represented and respected, just as a Catholic theologian would be at Harvard, Princeton, and Chicago, which have Protestant theological faculties.

Let me conclude by requesting your prayers for the success of the campaign mentioned earlier. But even more, may I request your prayers and your efforts to achieve that for which we request this monumental support: that all together we may, in our times, make Notre Dame a great Catholic university ever true to the vision and faith that gave it birth one hundred and forty-three years ago in what was then a wilderness.

## university libraries minutes

### june 3, 1985

The meeting was called to order at 12:19 p.m. in the Conference Room of the Administrative Office, Room 221 of the Memorial Library, by the chairperson, Harvey A. Bender. Present in addition to Professor Bender were committee members Gerald L. Jones, Bill D. McDonald, Robert C. Miller, James E. Robinson, and Walter Robert Scheidt, and committee secretary John B. Harlan. Absent were committee members Anne Carson Daly (alternate for Maura Aiken Daly) and Lloyd H. Ketchum, Jr.

Mr. Miller gave his report as Director of Libraries:

1. Because of changes in the vendor's market and financial situation, the University Libraries are on a "prudentially inspired, self-imposed hold" regarding the proposed automated system. Mr. Miller said that he anticipates that by mid-July Notre Dame will either have signed with Biblio-Techniques or will be looking elsewhere for its integrated automated library system. In the latter case, a total re-examination of the market may be pursued, which would seriously delay the timetable for system implementation.

2. Mr. Miller reported on the vastly improved relations between the University Libraries system and the Law School Library under the leadership of the new Law Librarian, Roger F. Jacobs. Professor Jacobs has joined the University Libraries' Library Administrative Committee (LAC). There now exists between the two units a significant sharing of policies, procedures, resources, and training. Professor Scheidt inquired about the type of "resource sharing" taking place between the University Libraries and the Law School Library. Mr. Miller cited as an example an instance involving the elimination of needless duplication in acquisitions and collection development activities.

3. Mr. Miller reported that the physical reorganization and collection shifting within the Memorial Library building is progressing well thus far. The Reference and Document collection shifts have been completed, and the new Microtext Reading Room area is currently being readied. Mr. Miller brought to the committee's attention the universal and well-deserved recognition being accorded Mary Cowser of the Circulation/Stacks Services Department and her team of student assistant employees within the University Libraries both for their efforts and their results.

4. Mr. Miller reported good news regarding the Libraries' book budget: in addition to the 19% increase in the University's allocation, there is an approximately 32% increase in the endowment allocation. The only bad news is that the increase in acquisition activity, compounded by the strength of the U.S. dollar overseas, will create a much greater processing workload for which the Libraries do not have adequate staffing. This problem is especially acute in the Acquisitions Department. Another complication arises from changes in budgetary practices for endowment funds which have placed greater time constraints on the processing of orders. This, in turn, has served to accentuate the staffing level inadequacies within the Acquisitions Department. In response to a question, Mr. Miller reassured the Committee that both University and endowment allocations carry over from one fiscal year to the next, but noted that it is obviously politic of the Libraries not to leave their funds unspent for very long!

5. Mr. Miller reviewed the history of "library administration" study carrels within the Memorial Library building, and distributed to the Committee a document outlining how they are currently administered. Mr. Miller reported that he would like to present to the Committee for its consideration a draft policy on carrel allocation and use. The need for such a policy is especially striking in light of the forthcoming addition of 31 carrels to the 11th Floor and five to the 13th Floor. Professor Bender suggested that the Libraries observe a one-year trial period for survey purposes to measure and assess the current administrative practices regarding such carrels. John Harlan will execute a questionnaire to academic departments to determine how they administer the assignment of their allocated carrels and what difficulties they encounter in such administration. Mr. Miller said that the Graduate Student Union would also be consulted in connection with the survey. After some discussion among its members regarding various issues in carrel use, the Committee voted unanimously to draft a policy.

Professor Bender requested a report on the results of the recent election for two at-large representatives on the Committee for the term expiring in September 1988: Harvey A. Bender, Professor of Biology, and James E. Robinson, Professor of English, were elected. Professor Bender re-introduced Professor Robinson to the current membership of the Committee. (Professor Robinson has previously served as a member of the Committee.)

The Committee discussed the document, University Libraries' Subscriptions to Serials in Microform Report, which had been distributed in advance. Mr. Miller reviewed the basic factors for choosing serial subscriptions in microform rather than in conventional paper form: (1) protection from mutilation and vandalism, (2) cost containment, and (3) space considerations. In the Memorial Library, those titles especially susceptible to mutilation are the ones most often chosen for microform treatment, while in the branches, space problems have been the deciding factor. Professor McDonald relayed the concern of the College of Business Administration that choosing microform treatment in preference to conventional paper copies of specific business serial titles poses a major inconvenience, as the faculty of that College are accustomed to borrowing and reading paper copies of journals from Memorial Library. Mr. Miller assured the Committee that the microform versus paper choice can be reviewed on an individual title basis, and invited Professor McDonald to compile and submit a list of specific serial titles of particular interest to his College for such consideration. Professor Jones noted that the faculty in the College of Science nearly always photocopy journal articles before reading them, as journals do not circulate from branches such as the Chemistry/Physics Library. Professor Scheidt noted that an advantage of microform treatment of serials in his discipline is that publishers seem increasingly inclined to include more material in microform editions of their journals than in the traditional paper editions. Mr. Miller noted the existence of a related issue: the possibility of subscribing to electronic database services as a means of accessing published material in preference to traditional subscriptions to less heavily used journals. Professor Bender stated his feeling that the question of choice of media in acquiring information of this nature should be an item for the annual review of the Committee.

The minutes of the meeting of May 6, 1985 were approved for distribution and publication as written.

---

Professor Bender reminded Committee members to let John Harlan know if they will be out of town for more than two weeks at a time in July and August, and how and where they may be contacted, should it become necessary to arrange a meeting of the Committee during that period.

Finally, The Committee unanimously expressed its sincere appreciation to Professor Jones for his sage counsel during his term on the Committee, which expires in September 1985.

The meeting was adjourned at 1:16 p.m.

Respectfully submitted,

John B. Harlan  
Secretary to the Faculty Committee for University Libraries

## university libraries minutes september 23, 1985

The 1985-86 academic year organizational meeting was called to order at 11:08 a.m. in the Conference Room of the Administrative Office, 221 Memorial Library, by the 1984-85 chairperson, Harvey A. Bender. Present in addition to Professor Bender were committee members Maura Aiken Daly, Bill D. McDonald, Robert C. Miller, James E. Robinson, and W. Robert Scheidt, and the committee secretary, John B. Harlan. Absent was committee member Lloyd H. Ketchum, Jr.

The minutes of the meeting of June 3, 1985 were approved for distribution and publication as written.

The Committee noted for the record its change of name from the Faculty Committee for University Libraries (FCUL) to the University Committee on Libraries (UCL), as indicated in the 1985 edition of the University's Faculty Handbook.

Mr. Miller distributed a draft Library Policies and Procedures statement regarding the assignment of library administration study carrels within the Memorial Library. With three minor changes, the draft document was unanimously approved by the Committee.

Mr. Miller gave his report as Director of Libraries:

1. The collection shifting and the bulk of the physical reorganization within the Memorial Library building are complete. (The International Documentation Center will relocate from one area of the second floor to another later in the fall semester.) Reaction thus far has been positive, with the new arrangement of the collections apparently clear to the majority of patrons. One problem remains to be addressed: the location of study carrels assigned by academic units relative to those segments of the collections used the most by the carrels' occupants.

2. Mr. Miller reported that several developments have occurred regarding the Libraries' automation efforts since the Committee's meeting of June 3.

The Libraries' system of choice, BLIS, is still considered the best currently available, but the financial condition of its vendor, Biblio-Techniques, is not strong enough to merit Notre Dame signing a contract. While the option of contracting with Biblio-Techniques is being kept open, the Libraries are actively investigating four other systems: ATLAS (Data Research Associates, DEC hardware); LIAS (Pennsylvania State University, marketed by Honeywell, Honeywell hardware); LS/2000 (OCLC, the Online Computer Library Center, Data General hardware); and NOTIS (Northwestern University, IBM hardware).

The Libraries' Request for Proposal ... (RFP) has been slightly modified and will be re-issued to the vendors of these systems as a Request for Information ... (RFI) by September 30. Demonstrations of the systems will be conducted on campus during the month of October, and vendor responses to the RFI will be due October 31. Evaluation of the RFI responses will be completed by November 30, with Mr. Miller's intention being to make a recommendation to the Provost by December 1. Mr. Miller invited interested members of the Committee to observe the on-campus system regarding the timetable for system selection and the demonstrations would be sent to the Deans of the Colleges of Arts and Letters, Business Administration, Engineering, and Science, and the School of Law.

The Committee turned to organizational matters. Professor Bender was nominated and unanimously re-elected chairperson of the Committee for the 1985-86 academic year. Regular meetings for the year were set for the afternoon of the first Thursday of each month at 4 p.m. in the Conference Room of the Administrative Office, 221 Memorial Library, with the exception of the December meeting (which will be held Thursday, December 12, at 4:30 p.m. at the University Club of Notre Dame) and the January meeting. (The meeting dates for the 1985-86 academic year are: October 3, November 7, December 12, January 9, February 6, March 6, April 3, May 1, and June 5.)

There was a question regarding the progress of the ad hoc Committee on the State of the Library Faculty. Mr. Miller reported that the ad hoc Committee has recently expressed an interest in meeting as a body with this Committee. Professor Bender reported briefly on his meeting with the ad hoc Committee over the summer, and will arrange a full meeting of both Committees at an early date.

Agenda items for the 1985-86 academic year were invited for consideration. Mr. Miller requested that the October 3 meeting be devoted to discussion and consideration of the new Five Year Development Plan draft document. Professor Robinson asked that the Committee consider the question of film and videotape resources within the University.

The meeting was adjourned at 11:58 a.m.

Respectfully submitted,

John B. Harlan  
Secretary to the University Committee on Libraries

## open enrollment for health care coverage

The University has designated Nov. 11 through Nov. 27 as the open enrollment period for selecting health care coverage. During this period faculty, staff and administrators may elect to change their health care coverage. Changes will be effective Jan. 1, 1986.

There will be greater flexibility in 1986 as the choice of carriers has been expanded to incorporate two new Health Maintenance Organizations (HMOs). The University will continue to offer Maxicare and the Blue Cross "Flex Plan" as alternatives.

The two new HMO options are Key Health and Health Plus; both are new to the South Bend area.

Key Health is sponsored by Blue Cross/Blue Shield. It has agreements with all major hospitals in the area and offers a range of independent physicians.

Health Plus is a new, Catholic-sponsored HMO which limits hospital selection to St. Joseph Medical Center and St. Joseph Hospital of Mishawaka. Health Plus currently offers a choice of about thirty-three physicians in the South Bend area.

Employees who elect an optional coverage must pay the difference between the cost of the optional coverage and the cost of the regular Blue Cross coverage. The monthly contributions for the optional coverages will be:

	<u>MAXICARE</u>	<u>KEY HEALTH</u>	<u>HEALTH-PLUS</u>	<u>B.C. FLEX</u>
Single:	\$17.18	\$18.25	\$25.70	\$17.70
Family:	\$49.36	\$52.18	\$36.88	\$47.00

Deductions will begin with the first pay in January.

The Personnel Office has arranged a series of meetings where representatives of Blue Cross and the different HMOs will present their individual programs. The University will be advising employees by mail of the schedule of these meetings, and of the changes in coverage for 1986. In addition, Blue Cross and the HMOs will be sending information about their programs directly to University employees.

## summary annual report for the university travel accident insurance for faculty and administrators

This is a summary of the annual report for The University Travel Accident Insurance Plan for Faculty and Administrators, employer number 35-0868188, for April 22, 1984 through April 22, 1985. The annual report has been filed with the Internal Revenue Service, as required under the Employee Retirement Income Security Act of 1974 (ERISA).

### BASIC FINANCIAL STATEMENT

Benefits under the plan are provided for through a group contract issued by Federal Insurance Company. The total premiums paid for the plan year ending April 21, 1985 were \$4,009.

### YOUR RIGHT 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. To obtain a copy of the full annual report, or any part thereof, write or call the office of the Director of Personnel, Personnel Department, Notre Dame, IN (219) 239-5900.

You have the legally protected right to examine the annual report at the main office of the plan which is the Personnel Department, Notre Dame, IN, and at the U.S. Department of Labor in Washington, D.C., or to obtain a copy from the U.S. Department of Labor upon payment of copying costs. Requests to the Department should be addressed to: Public Disclosure Room, N4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, D.C., 20216.

# advanced studies

---

## 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

- Schmuhl, Robert P.  
R.P. Schmuhl. 1985. The Humanities and Media Criticism: American Communications and American Studies. Critical Studies in Mass Communication 2(2):183-194.  
R.P. Schmuhl. 1985. Introduction. Page 1 in, J.J. Kilpatrick, The Art of the Craft. University of Notre Dame, Notre Dame, Indiana.

#### Communication and Theatre

- Lifton, Mitchell  
M. Lifton. 1985. Producer, Director, Writer and Editor. The Nuclear Dilemma, (Six Segment 120 Minute Videotape Series Based on the Course at Notre Dame). The Paulist Press, Ramsay, New Jersey.

#### English

- Gernes, Sonia G.  
S.G. Gernes. 1985. When the Air is Full of Stories. Notre Dame Magazine 34:28-33.

- Matthias, John E.  
J.E. Matthias. 1984. Ur Bathory & Lermontov. U.S.A. Poesi. Pages 685-686 in, J. Verner-Carlsson, ed., Kaleidoscope, Gothenberg, Sweden.  
O'Rourke, William A.  
W.A. O'Rourke. 1985. Response to C. Newman's "The Post-Modern Aura." Salmagundi 67:183-185.

#### History

- Blantz, CSC, Thomas E.  
T.E. Blantz, CSC. 1985. George N. Shuster and American Catholic Intellectual Life. Pages 345-365 in, N.H. Minnich, et. al., eds., Studies in Catholic History. Michael Glazier, Wilmington, Delaware.  
De Santis, Vincent P.  
V.P. De Santis. 1985. A Momentous Rush to Judgment - President Truman's Decision to Drop Atomic Bombs Against Japan. Notre Dame Magazine 14:22-27.  
Gleason, J. Phillip  
J.P. Gleason. 1985. Chicago and Milwaukee: Contrasting Experiences in Seminary Planting. Pages 149-174 in, N.H. Minnich et. al. eds., Studies in Catholic History in Honor of John Tracy Ellis. Michael Glazier, Wilmington, Delaware.



Nugent, Walter

W. Nugent. 1985. Fulbrighting in Israel. (OAH) Organization of American Historians Newsletter 13:12-13.

W. Nugent. 1985. Review of S. Cashman's, America in the Gilded Age. South Atlantic Quarterly 84:331-332.

Modern and Classical Languages

MacKenzie, Jr., Louis A.

L.A. MacKenzie, Jr. 1985. Review of R. Duchene's, L'Imposture Littéraire dans les Provinciales de Pascal. French Review 58(6):889-890.

Music

Buranskas, Karen L.

K.L. Buranskas. 1985. Cello Performance. Variations on One String by Paganini. Banff Festival of the Arts, Margaret Greenham Theatre. Banff, Canada.

Cramer, Craig J.

C.J. Cramer. 1985. Solo Recital. Region V Convention, American Guild of Organists. Grand Rapids, Michigan.

C.J. Cramer. 1985. Solo Recital. St. John's Roman Catholic Cathedral. Lafayette, Louisiana.

C.J. Cramer. 1985. Solo Recital. Sacred Heart Church, University of Notre Dame. Notre Dame, Indiana.

Klugherz, Laura J.

L.J. Klugherz. 1985. Performance. Guest Violist with the Chester String Quartet of the Sextet No. 2 by Johannes Brahms. Recital Hall, Indiana University of South Bend Campus, South Bend, Indiana.

L.J. Klugherz. 1985. Performance. Notre Dame Faculty Trio, with works of Schubert and Martinu. Annenburg Auditorium, Snite Museum of Art, University of Notre Dame, Notre Dame, Indiana.

Philosophy

Brennan, Sheilah O.

S.O. Brennan. 1985. Substance and Definition, Reality and Logos: Metaphysics ZH. The New Scholasticism 59(1):21-59.

McMullin, Ernan

E. McMullin. 1985. Realism in Theology and in Science: A Response to Peacocke. Religion and Intellectual Life 2(4):39-47.

E. McMullin. 1985. Empiricism at Sea. Pages 121-132 in, R.S. Cohen and M.W. Wartofsky, eds., A Portrait of Twenty-Five Years. Reidel, Dordrecht, Netherlands.

- E. McMullin. 1985. Galilean Idealization. Studies in the History and Philosophy of Science 16:247-273.
- Plantinga, Alvin  
 A. Plantinga. 1985. Intellectual Autobiography. Pages 3-97 in, J. Tomberlin and P. Van Inwagen, eds., Profiles Volume. D. Reidel, Dordrecht, Netherlands.  
 A. Plantinga. 1985. Replies to the Contributors. Pages 313-396 in, J. Tomberlin and P. Van Inwagen, eds., Profiles Volume. D. Reidel, Dordrecht, Netherlands.
- Sterba, James P.  
 J.P. Sterba. 1985. Can a Person Deserve Mercy? Pages 401-407 in, C. Peden, ed., Philosophy for a Changing Society. Advocate Publishing, Reynoldsburg, Ohio.

Program of Liberal Studies

- Tillman, M. Katherine  
 M.K. Tillman. 1985. The Tension Between Intellectual and Moral Education in the Thought of John Henry Newman. Thought 40(238)322-334.
- Psychology
- Lapsley, Daniel K.  
 D.K. Lapsley. 1985. Elkind on Egocentrism. Developmental Review 5:227-236.

Theology

- Attridge, Harold W.  
 H.W. Attridge. 1985. "Gnosticism", "Gospel of Thomas", and "Nag Hammadi". Pages 349-350; 355-356; 679-680 in, P.J. Achtemeier, ed., Harper's Bible Dictionary. Harper and Row, New York, New York.
- H.W. Attridge. 1985. "Philo the Epic Poet", and "Fragments of Pseudo-Greek Poets". Volume 2, pages 781-784; 821-830 in, J.H. Charlesworth, ed., The Old Testament Pseudepigrapha. Doubleday, Garden City, New York.
- Collins, Adela Y.  
 A.Y. Collins. 1985. Recent Interpretations of Jesus. Pacific Theological Review 18:31-42.
- Collins, John J.  
 J.J. Collins. 1985. Artapanus. Volume 2, pages 889-903 in, J.H. Charlesworth, ed., The Old Testament Pseudepigrapha. Doubleday, Garden City, New York.  
 J.J. Collins. 1985. "Behold I Make All Things New", Eschatology in the Biblical Tradition. Chicago Studies 24:193-207.
- Egan, Keith J.  
 K.J. Egan. 1985. Spirituality: Life to the Full. Pages 1-16 in, Spirituality: A New Perspective on Health. Marquette University College of Nursing, Milwaukee, Wisconsin.
- Kannengiesser, SJ, Charles  
 C. Kannengiesser, SJ. 1985. A Propos du Témoin Syriaque (Cod. Vatic. Syr. 104). Pages 267-270 in, J. Dummer, ed., Texte und Textkritik. Akademie-Verlag, Berlin Germany.

- O'Meara, OP, Thomas F.  
 T.F. O'Meara, OP. 1985. The Ministry of the Priesthood and Its Relationship to the Wider Ministry in the Church. Seminaries in Dialogue 11:1-8.
- White, James F.  
 J.F. White. 1985. The Development of the 1972 United Methodist Eucharistic Rite. Pages 330-334 in, T. Runyon, ed., Wesleyan Theology Today: A Bicentennial Theological Consultation. United Methodist Publishing House, Nashville, Tennessee.  
 J.F. White. 1985. John Wesley's Sunday Service and Methodist Spirituality. Pages 403-405 in, T. Runyon, ed., Wesleyan Theology Today: A Bicentennial Theological Consultation. United Methodist Publishing House, Nashville, Tennessee.
- Yoder, John H.  
 J.H. Yoder. 1985. He Came Preaching Peace. Herald Press, Scottdale, Pennsylvania. 148 pp.  
 J.H. Yoder. 1985. The Use of the Bible in Theology. Pages 103-120 in, R.K. Johnston, ed., The Use of the Bible in Theology/Evangelical Options. John Knox Press, Atlanta, Georgia.

COLLEGE OF SCIENCE

Biological Sciences

- Butler, Merlin G.  
 M.G. Butler and F.J. Meaney. 1985. Metacarpophalangeal Pattern Profile Analysis in Prader-Willi Syndrome. Clinical Genetics 28:27-30.
- Craig, Jr., George B.  
 See under Grimstad, Paul R. 1985. Journal of Medical Entomology 22:447-453.
- Crovello, Theodore J.  
 T.J. Crovello, C-C. Hu and R.R. Sokal. 1985. The Numerical Taxonomy of Some Species of Populus Based Only on Vegetative Characters. Taxon 34(2):197-206.
- Fraser, Jr., Malcolm J.  
 M.J. Fraser, Jr., J.S. Brusca, G.E. Smith and M.D. Summers. 1985. Transposon Mediated Mutagenesis of a Baculovirus. Virology 145:356-361.
- Fuchs, Morton S.  
 M.S. Fuchs, D. Borovsky, B.R. Thomas, D.A. Carlson and L.R. Whisenton. 1985. Juvenile Hormone and 20-Hydroxyecdysone as Primary and Secondary Stimuli of Vitellogenesis in *Aedes aegypti*. Archives of Insect Biochemistry and Physiology 2:75-90.
- Grimstad, Paul R.  
 P.R. Grimstad, S.L. Paulson and G.B. Craig, Jr. 1985. Vector Competence of *Aedes hendersoni* (Diptera: Culicidae) for La Crosse Virus and Evidence of a Salivary-Gland Escape Barrier. Journal of Medical Entomology 22:447-453.

- Lodge, David M.  
D.M. Lodge, A.L. Beckel and J.J. Magnuson. 1985. Lake-Bottom Tyrant. Natural History 94(8):32-37.
- Saz, Howard J.  
H.J. Saz. 1985. Anaerobic Energy-Yielding Reactions, Molecular Parasit. Pages 251-265 in, Proceedings of the Third John Jacob Abel Symposium. The John Hopkins University, Baltimore, Maryland.

#### Chemistry

- George, Manapurathu V.  
\*See under RADIATION LABORATORY; Das, Paritosh K. 1985. Journal of Organic Chemistry 50(16):2818-2825.
- Huang, Nai-zhong  
See under Pasto, Daniel J. 1985. Organometallics 4(8):1386-1395.
- Pasto, Daniel J.  
D.J. Pasto and N-Z. Huang. 1985. Mechanistic Study of the Reactions of 1,1-Dimethylallene with Nickel(0) Complexes.  $\pi$ - and  $\sigma$ -Complex Formation vs. Electron Transfer. Organometallics 4(8):1386-1395.
- D.J. Pasto. 1985. Review of H.E. Schuster's and G.M. Cappola's, Allenes in Organic Synthesis. Journal of Medicinal Chemistry 28(9):1380-1381.
- Schuler, Robert H.  
\*Z.B. Alfassi and R.H. Schuler. 1985. Reaction of Azide Radicals with Aromatic Compounds. Azide as a Selective Oxidant. Journal of Physical Chemistry 89(15):3359-3363.

-----  
\*Under the Radiation Laboratory  
-----

#### Earth Sciences

- Winkler, Erhard M.  
E.M. Winkler. 1985. Testing Techniques for the Effectiveness of Stone Consolidants. Bulletin of the Association for Preservation Technology 17(2):35-39.
- E.M. Winkler. 1985. A Durability Index for Stone. Volume 1, pages 151-157 in, Proceedings, Vth International Congress on Deterioration and Conservation of Stone. Lausanne, Switzerland.

#### Mathematics

- Sommese, Andrew J.  
B. Shiffman and A.J. Sommese. 1985. Vanishing Theorems for Weakly Positive Vector Bundles. Topics in Several Complex Variables, Research Notes in Mathematics 112:61-68.

#### Physics

- Kaiser, James W.  
J.W. Kaiser. 1985. Data Acquisition with CAMAC Using an Optical Link for Data Transmission. IEEE Transactions on Nuclear Science NS-32(4):1444-1446.

- Kolata, James J.  
J.J. Kolata, R.A. Racca, P.A. DeYoung, E. Aguilera-Reyes and M.A. Xapsos. 1985. Structure in the Fusion Yield for  $^{32}\text{S} + ^{12}\text{C}$ . Physics Review C 32:1080-1082.
- C.K. Beck, R.M. Freeman, F. Haas, B. Heusch and J.J. Kolata. 1985. Role of the Valence Neutron in the  $^{12}\text{C} + ^{17}\text{O}$  and  $^{13}\text{C} + ^{16}\text{O}$  Collisions. Nuclear Physics A 443:157-171.

#### COLLEGE OF ENGINEERING

#### Chemical Engineering

- Kantor, Jeffrey C.  
K.A. Hoo and J.C. Kantor. 1985. A Thermodynamic Criterion for the Nonsingularity of Vapor Liquid Equilibria in Distillation Processes. Chemical Engineering Science 40(9):1788-1790.
- K.A. Hoo and J.C. Kantor. 1985. An Exothermic Continuous Stirred Tank Reactor is Feedback Equivalent to a Linear System. Chemical Engineering Communications 37:1-10.
- Wolf, Eduardo E.  
D.J. Kaul and E.E. Wolf. 1985. Selected Area FTIR Studies of Surface Reaction Dynamics III, Spatial Coverage and Temperature Patterns During Self-Sustained Oscillations of CO Oxidation on Pd/SiO<sub>2</sub>. Journal of Catalysis 93:321-330.
- D.J. Kaul and E.E. Wolf. 1985. FTIR Studies of Surface Reaction Dynamics II, Surface Coverage and Inhomogeneous Temperature Patterns of Self-Sustained Oscillations During CO Oxidation on Pt/SiO<sub>2</sub>. Journal of Catalysis 91:216-230.
- L. Loy and E.E. Wolf. 1985. Photo Induced Hydrogen Evolution from Water in the Presence of EDTA and a Pt/TiO<sub>2</sub> Supported Catalyst. Solar Energy 34:455-461.

#### Civil Engineering

- Jennings, Aaron A.  
P. Suresh and A.A. Jennings. 1985. Hazardous Waste Risk Analysis: A New Approach Based on User-Interactive Algorithms. Pages 7-14 in, Proceedings: International Conference on New Frontiers for Hazardous Waste Management. Pittsburgh, Pennsylvania.
- Katona, Michael G.  
M.G. Katona and A.Y. Ak1. 1985. Analysis and Behavior of Buried Culverts with Slotted Joints. Transportation Research Record 1008:22-32.

#### Electrical Engineering

- Michel, Anthony N.  
A.N. Michel and R.K. Miller. 1985. Stability Analysis of Discrete-Time Interconnected Systems via Computer-generated Lyapunov Functions with Applications to Digital Filters. IEEE Transactions on Circuits and Systems CAS-32(8):737-753.

- M.S. Mousa, A.N. Michel and R.K. Miller. 1985. Stability Analysis of Hybrid Composite Dynamical Systems. Pages 375-378 in, Proceedings of the 1985 IEEE International Symposium on Circuits and Systems. Kyoto, Japan.
- A.N. Michel and R.K. Miller. 1985. Stability Analysis of Discrete-Time Interconnected Systems: Results Involving the System Topology. Pages 489-492 in, Proceedings of China 1985 International Conference on Circuits and Systems. Beijing, China.
- A.N. Michel and R.K. Miller. 1985. Qualitative Analysis of Large Scale Dynamical Systems, Chinese Edition. Liaoning Science and Technology Press, Xiamen, China. 289 pp.

COLLEGE OF BUSINESS ADMINISTRATION

Accountancy

- Beverly, John G.  
J.G. Beverly, J.M. Rivera and N.G. Rueschhoff. 1985. La Función Contable en el Desarrollo de los Negocios. Chapter 5.1, pages 1-12 in, Proceedings of the XVI Interamerican Accounting Conference. Miami, Florida.
- Powell, Ray M.  
R.M. Powell. 1985. Course Outline: MBA 612 - Budgeting Concepts and Procedures. Pages 53-55 in, T.J. Burns, ed., Accounting Trends XIX Innovating Accounting and Information Systems Course Outlines From Twenty-six Universities. McGraw-Hill Book Company, Hightstown, New Jersey.
- Ricchiute, David N.  
D.N. Ricchiute. 1985. Presentation Mode, Task Performance and Cue Order in Experimental Research on Expert Judges. Journal of Applied Psychology 70(2):367-373.
- D.N. Ricchiute and H.J. Williams. 1985. Heuristics, Biases and Decision Making in Accounting. Issues in Accounting Education 3:51-58.
- Rivera, Juan M.  
J.M. Rivera. 1985. Doing Business in Venezuela: New Challenges for MNCs. International Journal of Management 2(3):29-33.
- J.M. Rivera. 1985. Financial Reporting and Stock Returns Under Conditions of High Inflation: The Mexican Experience. Pages 86-89 in, Proceedings, Business Management in Latin America, Business Association of Latin American Studies. Texas Tech University, Lubbock, Texas.
- See under Beverly, John G. 1985. Proceedings of the XVI Interamerican Accounting Conference.
- J.M. Rivera. 1985. Statistical Sampling Models in Compliance and Substantive Audit Tests. Chapter 2.1, pages 1-14 in, Proceedings of the XVI Interamerican Accounting Conference. Miami, Florida.

- Rueschhoff, Norlin G.  
N.G. Rueschhoff. 1985. Forging Accounting Standards in Nigeria. International Accounting Forum 29:4.
- See under Beverly, John G. 1985. Proceedings of the XVI Interamerican Accounting Conference.
- Williams, H. James  
See under Ricchiute, Daniel N. 1985. Issues in Accounting Education 3:51-58.

Finance and Business Economics

- Halloran, John A.  
J.A. Halloran. 1985. The Optimal Size and Timing of Bond Issues. The Financial Review 20(3):55.

Management

- Carter, Nancy M.  
A.C. Bluedorn, T.L. Keon and N.M. Carter. 1985. Management History Research: Is Anyone Out There Listening? Pages 130-133 in, Proceedings of the 45th Annual National Meeting of the Academy of Management. San Diego, California.
- Houck, John W.  
J.W. Houck. 1985. We Have Lost Our Mission. Notre Dame Magazine 14(1):6.
- Williams, CSC, Oliver F.  
O.F. Williams, CSC. 1985. Catholic Bishops Take on Economics. Business and Society Review 54(3):21-26.

Marketing Management

- Etzel, Michael J.  
M.J. Etzel and D.C. Bello. 1985. The Role of Novelty in the Pleasure Travel Experience. Journal of Travel Research 24(1):20-26.
- See under Wahlers, Russell G. 1985. Journal of Travel Research 23(4):2-6.
- Wahlers, Russell G.  
R.G. Wahlers and M.J. Etzel. 1985. The Use of Requested Promotional Material By Pleasure Travelers. Journal of Travel Research 23(4):2-6.

LAW SCHOOL

- Attanasio, John B.  
J.B. Attanasio. 1985. Everyman's Constitutional Law: A Theory of the Power of Judicial Review. The Georgetown Law Journal 72:1665-1723.
- J.B. Attanasio. 1985. Equal Justice Under Chaos: The Developing Law of Sexual Harassment. University of Cincinnati Law Review 51:1-41.
- J.B. Attanasio. 1985. Lawyer Advertising in England and the United States. American Journal of Comparative Law 32:493-541.
- Phelps, Teresa G.  
T.G. Phelps. 1985. Review of A. Adams', Return Trips. "Book World," Chicago Tribune September 1:31.

RADIATION LABORATORY

Carmichael, Ian C.

I.C. Carmichael and G.L. Hug. 1985. Bibliographies on Radiation Chemistry: VII. Triplet-Triplet Absorption Spectra Part C. Radiation Physics and Chemistry 26:229.

Das, Paritosh K.

C.V. Kumar, D. Ramaiah, P.K. Das and M.V. George. 1985. Photochemistry of Aromatic  $\alpha,\beta$ -Epoxy Ketones. Substituent Effects on Oxirane Ring-Opening and Related Ylide Behavior. Journal of Organic Chemistry 50(16):2818-2825.

S.K. Chattopadhyay, C.V. Kumar and P.K. Das. 1985. Substituent Effects in the Quenching of Acetophenone and Benzophenone Triplets by Oxygen and the Di-tert-Butylnitroxy Radical and the Efficiency of Singlet Oxygen Photogeneration. Journal of Photochemistry 30:81.

S.K. Chattopadhyay, C.V. Kumar and P.K. Das. 1985. Triplet Excitation Transfer Involving  $\beta$ -Ionone. A Kinetic Study by Laser Flash Photolysis. Photochemistry and Photobiology 42:17.

Ferraudi, Guillermo J.

D.K. Geiger, G.J. Ferraudi, K.P. Madden, J. Granifo and D.P. Rillema. 1985. Redox Reactivity of Transition-Metal Phthalocyanines: Ligand Radical Formation vs. Metal Center Oxidation. Journal of Physical Chemistry 89:3890.

Geiger, David K.

See under Ferraudi, Guillermo J. 1985. Journal of Physical Chemistry 89:3890.

Hug, Gordon L.

See under Carmichael, Ian C. 1985. Radiation Physics and Chemistry 26:229.

Madden, Keith P.

See under Ferraudi, Guillermo J. 1985. Journal of Physical Chemistry 89:3890.

Zagorski, Zbigniew P.

Z.P. Zagorski. 1985. Thermal Effects in Radiation Processing. Radiation Physics and Chemistry 25:291.

## awards received

IN THE MONTH OF SEPTEMBER, 1985

Department or Office	Principal	Short title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Inst. Past. Soc. Min.	J. Gremillion	IPSM - Parish Study Phase III	---	630 --
Biology	M. Fraser	Transposon Mutagenesis of NPV	Natl. Inst. Health	104,358 12
Chemical Eng.	M. McCready	Characterization of Turbulent Mass Transfer	Amer. Inst. Chem. Engrs.	17,000 12
Biological Sciences	C. Kulpa	Reconstruction of Anaerobic Consortium	Amoco Chemicals Res. Center	24,401 12
Chemistry	M. Miller	Synthesis of $\beta$ -Lactams from Hydroxamic Acids	Natl. Inst. Health	136,221 11
Chemical Eng.	M. McCready	Effect of Dominant Waves on Capillary Waves	Amer. Chem. Society	15,000 24
Chemistry	M. Miller	Microbial Iron Chelators and Analogs: Synthesis and Study	Natl. Inst. Health	149,937 12
Chemistry	S. Basu	Glycolipid Metabolism in Normal and Pathological Tissues	Natl. Inst. Health	159,230 12
Biological Sciences	M. Pollard	Hoffmann - LaRoche Grant	Hoffmann - LaRoche	10,000 6
AWARDS FOR INSTRUCTIONAL PROGRAMS				
Aerospace Mech. Eng.	R. Brach, S. McComas	Engineering for Minorities and Women	Corning Glass Works Fdtn.	3,500 9

AWARDS FOR SERVICE PROGRAMS

Inst. Past. Soc. Min.	R. Pelton	Notre Dame Institute for Clergy Education	---	12,334 --
Inst. Past. Soc. Min.	E. Bernstein	Notre Dame Center for Pastoral Liturgy	---	2,265 --
Inst. Past. Soc. Min.	E. Bernstein	Notre Dame Center for Pastoral Liturgy-Publications	---	1,810 --
Inst. Past. Soc. Min.	S. Kelly	Programs for Church Leaders	---	6,666 --

AWARDS FOR OTHER PROGRAMS

Philosophy	T. Morris	Philosophy and the Christian Faith	Natl. Endow. Humanities	8,500 12
------------	-----------	---------------------------------------	----------------------------	-------------

## proposals submitted

IN THE MONTH OF SEPTEMBER, 1985

<u>Department or Office</u>	<u>Principal</u>	<u>Short title</u>	<u>Sponsor</u>	<u>Dollars Months</u>
PROPOSALS FOR RESEARCH				
Chemistry	J. Kozak	Thermodynamic Consistency in Theories of Classical Fluids	Natl. Sci. Fdn.	102,880 24
Chemistry	T. Fehlner	Metallic Glasses	Dept. Army	368,645 36
Aerospace Mech. Eng.	K.T. Yang	Three-Dimensional Natural Convection in Complex Enclosures	Natl. Sci. Fdn.	134,461 12
Prog. Lib. Studies	M. Crowe	John Herschel's Contribution to Astronomy	Natl. Sci. Fdn.	49,838 12
Chemical Eng.	J. Kantor	Presidential Young Investigator - Supplement	Natl. Sci. Fdn.	40,053 12
Philosophy	M. Detlefsen	On the Formalization of Mathematical Thought	Natl. Sci. Fdn.	31,014 15
English	J. Buttigieg	Antonio Gramsci's Prison Notebooks	Natl. Endow. Humanities	60,986 12
Civil Eng.	K. Lauer	Aggregate Absorption and the Strength of Concrete	Natl. Sci. Fdn.	69,063 12
Metallurgical Eng.	R. Ricker	Transmission Electron Microscopy of Corrosion Fatigue	Sandia Natl. Lab.	30,000 12
Biological Sciences	P. Leavitt, S. Carpenter	Carotenoid Deposition in Lakes	Natl. Sci. Fdn.	22,157 24
Chemistry	F. Castellino	Blood Coagulation Protein-Metal Ion-Lipid Interactions	Natl. Inst. Health	173,717 12
English	T. Jemielity	Satire in the Hebrew Prophets	Amer. Council Learned Soc.	46,032 9
English	T. Jemielity	Satire in the Hebrew Prophets	J.S. Guggenheim Mem. Fdn.	46,032 9
Biological Sciences	P. Difley	Immunology of Trypanosomal Surface Coat	Natl. Inst. Health	286,265 12

Civil Eng.	M. Katona	Presidential Young Investigator Award - Matching Funds	Natl. Sci. Fdtn.	28,726 12
Chemistry	S. Basu, M. Basu	Glycolipid Metabolism in Tumor and Transformed Cells	Natl. Inst. Health	198,787 12
Biological Sciences	M. Fennewald	Inhibitors of Site-Specific Recombination	Natl. Inst. Health	86,170 12
Chemistry	A. Serianni	Biologically-Important Furanosyl Rings	Natl. Inst. Health	84,577 12
Art, Art Hist.&Design	S. Madigan	Byzantine Palaeography and Illumination in Milan	Natl. Endow. Humanities	5,258 2
Music	E. Haimo	Schoenberg's Early Twelve-Tone Compositions	Natl. Endow. Humanities	5,258 2
Philosophy	R. Foley	Rational Belief	Natl. Endow. Humanities	5,258 2
Chemistry	M. Chetcuti	Mixed Metal Metallacycle Chemistry	Amer. Chem. Society	3,022 2.5
Physics	E. Marshalek	Theoretical Studies of Nuclear Structure	Natl. Sci. Fdtn.	277,526 48

PROPOSALS FOR FACILITIES AND EQUIPMENT

Physics	C. Browne, J. Kolata	Equipment for Nuclear Structure Research	Natl. Sci. Fdtn.	174,300 12
---------	-------------------------	--	------------------	---------------

PROPOSALS FOR OTHER PROGRAMS

University Archives	Schlereth, Lamb, Cawley	Guide to Manuscripts in the Notre Dame Archives	Natl. Historical Pub./Records Com.	157,933 24
Management	O. Williams, J. Houck	Democratic Capitalism and the Common Good	Ind. Comm. Humanities	71,035 17
Snite Museum of Art	D. Porter	Conservation of Collections	Natl. Endow. Arts	27,925 18
Snite Museum of Art	D. Porter	Collection Maintenance	Natl. Endow. Arts	30,260 12

## summary of awards received and proposals submitted

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	3	310,559	6	306,218	9	616,777
Facilities and Equipment	0	0	0	0	0	0
Instructional Programs	1	3,500	0	0	1	3,500
Service Programs	0	0	4	23,075	4	23,075
Other Programs	0	0	1	8,500	1	8,500
Total	4	314,059	11	337,793	15	651,852

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	9	1,310,282	14	845,443	23	2,155,725
Facilities and Equipment	0	0	1	174,300	1	174,300
Instructional Programs	0	0	0	0	0	0
Service Programs	0	0	0	0	0	0
Other Programs	0	0	4	287,153	4	287,153
Total	9	1,310,282	19	1,306,896	28	2,617,178



---

## notre dame report

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

Bernadette Zoss, Editor  
Jeff Smith, Layout  
Publications and Graphic Services  
415 Administration Building  
Notre Dame, Ind. 46556  
(219) 239-5337

---