

notre dame report

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the university

gift received for college of business administration

Notre Dame has received a \$250,000 gift from the Donnelly Corp. of Holland, Mich., toward the establishment of a special academic program in participatory management studies within the University's College of Business Administration.

The Mr. and Mrs. John Donnelly, Sr. Program in Participatory Management memorializes John F. Donnelly, Sr., chairman of the board of Donnelly Corp., who died last June, and his wife Katherine. Born May 16, 1912 in Holland, Mich., Donnelly studied chemical engineering at Notre Dame and completed work on his B.S. degree at Catholic University of America. In 1932, he began to work for Donnelly Corp., a manufacturer of automobile accessories which had been founded by his father, Bernard. He became president of the corporation in 1960 and chairman of the board a few years later.

A frequent lecturer on management and organizational themes, Donnelly was also active in several trade, civic, and church organizations.

three to receive alumni awards

Three University alumni will receive awards from Notre Dame's Alumni Association in 1987, according to Charles F. Lennon, executive director of the Association.

C.J. ("Jake") Kline, of South Bend, a 1921 alumnus, will receive The John Cardinal O'Hara Award. Former Notre Dame head basketball coach and professor emeritus of mathematics, Kline has served the University as a faculty member for 39 years. The O'Hara Award is given annually to an outstanding graduate of Notre Dame who is also a former University faculty, administration, or staff member.

Brigadier General Jerome ("Gary") Cooper, of Mobile, Ala., a 1958 alumnus, will receive the Rev. John J. Cavanaugh Award. The first black Brigadier General in the United States Marine Corps Reserve, he is vice president for marketing at David Volkert & Associates, a Mobile engineering firm, and a former Alabama state legislator. The Cavanaugh Award is given annually to a graduate who has given outstanding service in federal, state, or local government.

Michael Novell, of Manila, the Philippines, a 1975 alumnus, will receive the Dr. Thomas A. Dooley Award. A former Peace Corps volunteer in the

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Philippines, Novell, a director of "Save the Children" Program, works in an Indo-Chinese refugee center. The Dooley award is given annually to a young graduate who has distinguished himself or herself in humanitarian efforts and local alumni club involvement.

master of laws degree offered in london

The Notre Dame Law School has begun a master of laws (LL.M.) program in international and comparative law at its Law Centre in London.

The pilot program, which enrolls nine students, has received the approval of the American Bar Association and the University's Academic Council. It is the only postgraduate program offered abroad by an American law school, according to Notre Dame Law School Dean David T. Link.

The program is open to law school graduates and is expected to attract persons interested in careers in legal education, government service, or the practice of law in an international setting. The program is one year in duration and virtually all students in the pilot program will write theses.

The 19-member faculty is largely drawn from the English and European law schools on a visiting professor basis, and the students come from the United States, Great Britain, and other common and civil law countries. Enrollment will be limited to 20 students.

advisory council formed for peace studies

Notre Dame's recently established Institute for International Peace Studies has set up an interna-

tional advisory board, according to John J. Gilligan, director of the Institute.

Chaired by Rev. Theodore M. Hesburgh, C.S.C., and with Gilligan serving as vice chairman, the Peace Institute's advisory board includes D.N. Bekoe of the UNESCO regional office for science and technology for Africa; Joseph Cardinal Bernardin, archbishop of Chicago; Landrum Bolling, director of the Ecumenical Institute at Tantur in Jerusalem; Carlos Chagas, president of the Vatican's Pontifical Academy of Sciences; Zhao Fusan, vice president of the Chinese Academy of Social Sciences; Gu Yi jian, secretary general of the Chinese Academy of Sciences; Rev. J. Bryan Hehir, secretary for social development and world peace of the United States Catholic Conference; Dorothy Hodgkin, president of the Pugwash Conference; Catherine Kellaheer, of the University of Maryland's School of Public Affairs; Spurgeon Keeney, president of the Arms Control Association; and Franz Cardinal Koenig, former archbishop of Vienna.

Also, Robert Jay Lifton, Distinguished Professor of Psychiatry and Psychology at John Jay College and the Graduate Center of the City University of New York; Thomas F. Malone, former foreign secretary of the National Academy of the Sciences; Maryland Senator Charles McC. Mathias; Robert S. McNamara, former U.S. secretary of defense, M.K.G. Menon of India's Planning Commission; James E. Muller, M.D., co-founder of the Physicians for Social Responsibility; Wolfgang K.H. Panofsky, director emeritus of the Stanford Linear Accelerator Center; Sir George Porter, of the Royal Society; C.N.R. Rao of the India Institute of Science; Carl Sagan, professor astronomy at Cornell University; Roald Z. Sagdeev, director of the Institute of Space Research for the Soviet Academy of Sciences; Gerard C. Smith, chief negotiator of the SALT I treaty; John C. Steinbruner, director of the Brookings Institution's foreign study program; Cyrus R. Vance, former U.S. secretary of state; Yevgeny Velikhov, vice president of the Soviet Academy of Sciences; Victor F. Weisskopf, professor of physics at Massachusetts Institute of Technology; and Rev. M. Yanase, former rector of Sophia University in Tokyo.

faculty notes

honors

Capt. Sheila P. Carty, assistant professor of aerospace studies, has been awarded the Air Force's Commendation Medal for her service as Chief of Material Storage and Distribution Branch, Seymour Johnson AFB, North Carolina. She was assigned to Seymour Johnson from Oct. 1984 to May 1986 prior to being assigned to AFROTC Detachment 225, Univ. of Notre Dame in June 1986.

Adela Yarbro Collins, professor of theology, has been elected to the editorial board of the critical commentary series "Hermeneia."

Theodore J. Crovello, professor of biological sciences, has been appointed to a three-year membership of the Commission for Biology Education of the International Union of Biological Sciences. He has also been appointed a research associate of the Bishop Museum, department of botany, Honolulu, Hawaii. He is a member of the National Advisory Board for "Elementary School Science and Health: Current Needs and Future Directions," a study conducted by the Biological Sciences Curriculum Study with the support of IBM.

Ronald A. Hellenthal, associate professor of biological sciences, has been invited to serve as a member of Indiana's Water Quality Standards Advisory Group, to review and propose revision of Indiana's water quality standards.

Scott Mainwaring, assistant professor of government, has been named an Associate of PACCA (Policy Alternatives for the Caribbean and Central America)

Stephen Watson, assistant professor of philosophy, was elected for a three-year term to the executive committee of the Society for Phenomenology and Existential Philosophy at the society's annual conference, Toronto, Ontario, Canada, Oct. 16-19.

activities

Esme C. Bellalta, associate professor of architecture, was invited by the Indiana Chapter of the American Society of Landscape Architects to give the keynote address titled "Contemporary Form in Open Space" at the annual meeting of the INASLA in Indianapolis on Oct. 25.

Joseph Blenkinsopp, O'Brien professor of theology, gave an illustrated lecture titled "Biblical Archaeology" to students of St. Anthony's school, South Bend, Ind., Oct. 6. He also delivered a seminar titled "Wisdom and Law in Israel" at the Goshen Biblical Seminary, Elkhart, Ind., Nov. 3. He participated in the consultation on Chronicles, Ezra, Nehemiah at the annual meeting of Society of Biblical Literature, Atlanta, Ga., Nov. 24.

Bruce Bunker, assistant professor of physics, presented an invited talk titled "EXAFS Studies of Semiconductor Alloys" at the Solid State Seminar, North Carolina State Univ., Raleigh, Oct. 12. He delivered another invited talk titled "EXAFS Studies of Ternary and Multinary Semiconductor Alloys" at the 1986 U.S. Workshop on Mercury Cadmium Telluride, Dallas, Texas, Oct. 7-9. He gave an invited talk titled "EXAFS Studies of Semiconductor Systems: Recent Results" at the Condensed Matter Seminar at the Univ. of Ill. at Urbana, Oct. 31. Prof. Bunker gave the invited talk titled "X-Ray Absorption Studies of Metal-Semiconductor Interfaces" at the Workshop on 3-5 Metal: Semiconductor Interfacial Chemistry, Stanford, Calif., Nov. 3-5.

Rev. David B. Burrell C.S.C., professor of philosophy, gave a lecture titled "Two Paradigms in Conflict: Speculative vs Practical Reason (Emanation vs Creation): ibn Sina, Maimonides, and Aquinas" at a conference on Ethics, Practical Reasoning, and Political Philosophy in Antiquity and in Christian, Jewish, and Islamic Philosophy at Baruch College of the City Univ. of New York, Oct. 27.

Stephen R. Carpenter, associate professor of biological sciences, presented a plenary address titled "Analysis of Complex Ecological Interactions Using Whole Lake Studies" to the Conference on Basic Issues in Great Lakes Research, Oct. 31 - Nov. 3. He also presented an invited paper titled "Cascading Trophic Interactions in Lakes: Ecosystems Variability Derived from Population Processes" at the 7th Midwest Conference on Population Biology, Nov. 8-9.

Adela Yarbrow Collins, professor of theology, presented a paper titled "The Son of Man Sayings in the Synoptic Sayings Source" at a joint session of the seminar "Sayings Source" and the seminar "Early Christian Apocalypticism" at the annual meeting of the Society of Biblical Literature, Atlanta, Ga., Nov. 23. She attended a meeting of the Research and Publications Committee of the Society of Biblical Literature, Atlanta, Ga., Nov. 21, as well as a meeting of the Society of Biblical Literature Council, Atlanta, Ga., Nov. 22.

Rev. Austin I. Collins, C.S.C., assistant professor of art, art history and design, gave a juried exhibition, Eighth Elkhart Juried Regional, Midwest Museum of American Art, Elkhart, Ind., Oct. 17 - Nov. 30. He also gave a solo exhibition of new works and sculptures, sponsored by the department of art and the Museum of Southwestern Michigan College, Dowagiac, Mich., Nov. 3-21. He was an artist-in-residence at the California Arts Council, Artists in Social Institutions Grant, Nov. 24-29.

John J. Collins, professor of theology, gave two presentations on social justice in the Old Testament at Mich. College of Tech., Houghton, Mich., Oct. 18-19.

George B. Craig, Jr., professor of biological sciences, presented an invitational address titled "Aedes albopictus in the Americas" at the Louisiana Mosquito Control Association, Lafayette, La., Oct. 25-28, and at the Illinois Mosquito Control Association Meeting, St. Charles, Ill., Nov. 2.

Xavier Creary, professor of chemistry, presented a seminar titled "The Chemistry of α -Carbonyl and Related Cations" for the department of chemistry, Ind. Univ.-Purdue Univ. at Indianapolis, Oct. 22.

John T. Croteau, professor emeritus of economics, was the guest of honor at the celebration of the 50th anniversary of the Prince Edward Island Credit Union League held the week of Oct. 12. Prof. Croteau, the founder of the league, spoke at a meeting of the organization. He was interviewed on the Canadian Broadcasting Corporation, both on radio and television. He also gave a lecture at the Univ. of Prince Edward Island.

Theodore J. Crovello, professor of biological sciences, gave a workshop titled "Computers in Bioeducation" and presented a paper titled "Artificial Intelligence in Systematics and Biogeography" to the American Society of Plant Taxonomists at the annual meeting of the American Institute of Biological Sciences at the Univ. of Mass., Amhurst, Aug. 10-11. He also presented "Artificial Intelligence in Education" to the department of informatics; "Quantitative Systematics and Biogeography" to the department of zoology; "Computers in Botanical Collections" to the department of botany, at the Univ. of Helsinki, Finland, Sept. 1-2. Prof. Crovello delivered "Computers in Biology Teaching: An Overview"; "Simulations as a Valuable Use of Computers in Biology Education"; "Artificial Intelligence in Education"; a hands-on program evaluation workshop (with James Ellis) at the annual meeting of the Commission on Bioeducation of the International Union of Biological Sciences, at the Swedish-Finnish Cultural Center, Helsinki, Sept. 3-5. He also presented an invited paper titled "Elementary School Science and Health: Current Needs and Future Directions," a study conducted by IBM, Colorado Springs, Colo., Sept. 11. On Oct. 6, Prof. Crovello presented "Artificial Intelligence and Its Potential in Biological Research and Teaching" for the department of ecology and evolution, SUNY at Stony Brook, New York. He presented a seminar titled "Computer Approaches to Research in the Brassicaceae: Systematics, Biogeography, and

Evolution" for the department of vegetable crops, Univ. of Calif. at Davis, Oct. 21.

James T. Cushing, professor of physics, presented an invited paper titled "The Justification and Selection of Scientific Theories" at the Conference on Testing Theories of Scientific Change, Virginia Polytechnic Institute and State University, Blacksburg, Va., Oct. 20-22. He also presented a paper titled "Causality as an Overarching Principle in Physics" at the 1986 Biennial Meeting of the Philosophy of Science Association, Pittsburgh, Pa., Oct. 23-26.

Patrick F. Dunn, associate professor of aerospace and mechanical engineering, presented an invited seminar titled "Flow Patterns and Particle Transport Characteristics in the STEP Nuclear Aerosol Experiments" for the Reactor Analysis and Safety Division at Argonne National Laboratory, Chicago, Ill., Oct. 22.

Mohamed Gad-el-Hak, professor of aerospace and mechanical engineering, gave an invited talk "Use of Water Towing Tanks for Aerodynamics and Hydrodynamics" at the NATO/AGARD Symposium on Aerodynamic and Hydrodynamic Studies Using Water Facilities in Monterey, Calif., Oct. 20-23.

Moiri Marti Geoffrion, professor of art, art history and design, delivered a paper titled "Sculpture and Nature: the Last Decade" at the Mid-America College Art Association, Memphis, Tenn., Oct. 31. She served as a panel moderator at the same conference. She also exhibited a drawing titled "Self Study" in a traveling show titled "The American Album" at the following places: Maryland College of Art and Design in Sept.; WARM Gallery, Minneapolis, Mn., in Oct.; Black Mountain College, Buffalo, N.Y. in Nov.

Philip Gleason, professor of history, extended the greeting of Notre Dame, and its formal welcome, to the first general conference sponsored by Studies in Medievalism, Notre Dame, Ind., Oct. 23-25. Prof. Gleason is a charter member of the Advisory Board of Studies in Medievalism. He also chaired the 1986 meeting of the Catholic Commission on Intellectual and Cultural Affairs, Fordham Univ., Oct. 25. The theme was "Catholic Universities -- What Makes Them Catholic?"

Denis Goulet, O'Neill professor in education for justice, participated in a seminar-workshop "Normative Dimensions of Development" sponsored by the Coady International Institute of St. Francis Xavier Univ., Antigonish, Nova Scotia, Oct. 16-17. He spoke to students about "Development Strategies: Diagnosis, Policy, Values" and gave a public lecture titled "Culture and Traditional Values in Development" Oct. 16. He also lectured to students on "Religions and Development" and "Three Rationalities: A New Model for Decision-Making" Oct. 17. He delivered a public lecture "The Ethics of Global Solidarity." He gave a lecture "Participation as Moral Incentive" at the COLLOQUE LEBRET held at the International Labour Office, Geneva, Oct. 23. That same evening he also lectured at a roundtable "Development and Third World Solidarity" sponsored by Federation Geneveise de Cooperation, Universite

de Geneve. He was interviewed by Michael Bavarel of the magazine "Peuples du Monde" on "Development: Where We Stand, Where We Go From Here," Oct. 24. He also conducted a mini-course "The Development Debate: State of the Arts and New Strategies in Development" for the Federation of Private Development Organizations of Honduras, sponsored by Partners of the Americas, Vermont Chapter, Cambridge, Mass., Nov. 2.

Leslie Griffin, assistant professor of theology, participated in a Communio-sponsored discussion on women in the Church, Univ. of Notre Dame, Nov. 1.

Paul J. Griffiths, assistant professor of theology, was an invited participant in the Univ. of Chicago's colloquium on religions in culture and history, Oct. 17-19. He also received a Research Assistance Grant Nov. 1 from the American Academy of Religion for purchase of a microfiche collection of Tibetan Buddhist blockprints.

Alexander J. Hahn, professor of mathematics, presented the colloquium lecture titled "Theorems of Merkurjev-Suskin and an Exact Sequence of Shape" for the mathematics department of McMaster Univ., Hamilton, Ontario, Canada, Oct. 24.

Christopher Hamlin, assistant professor of history, presented (with Philip T. Shepard), "How Not to Presume: Toward A Descriptive Theory of Ideology in Science and Technology Controversy" at the annual meeting of the Society for Social Studies of Science, Pittsburgh, Pa., Oct. 23.

Mark A. Herro, assistant professor of electrical and computer engineering, presented a talk titled "Bit-Error Probability Calculations for Short-Constraint Length Convolutional Codes on Very Noisy Channels" at the 1986 IEEE International Symposium on Information Theory, Ann Arbor, Mich., in Oct. He also gave an invited lecture titled "Error-Correcting Line Codes" at the 2nd Annual Cornell Summer Workshop on Systems, Control, and Communications, Cornell Univ., in June. He and Christian B. Schlegel presented a paper titled "Random Burst Channels and an Adaptive Burst-Error Correcting Viterbi Algorithm" at the 24th Annual Allerton Conference on Communication, Control and Computing, Monticello, Ill., in Oct.

Thomas Jemielity, associate professor of English, delivered a paper titled "'A Keener Eye on Vacancy': Boswell's Second Thoughts About Second Sight" at the annual meeting of the Midwest American Society for 18th-Century Studies, Northwestern Univ., Oct. 23-25.

Lloyd H. Ketchum, Jr., associate professor of civil engineering, presented a paper (with James P. Earley) titled "Anaerobic Sequencing Batch Reactor Treatment of Coal Conversion Wastewaters" at the 2nd National Conference on Anaerobic Digestion of Industrial Wastes, sponsored by Argonne National Laboratory and U.S. Department of Energy Office of Industrial Programs, Chicago, Ill., Sept. 10-12.

Donald Kline, professor of psychology, presented an invited address titled "Aging and the Spatiotem-

poral Resolution of Visual Events" at Optical Society of America annual meeting, Seattle, Wash., Oct. 19-24. He was also appointed leader of the Improved Vision Testing Subgroup of the Committee for the Study on Improving Mobility and Safety for Older Persons, Transportation Research Board, National Academy of Sciences, Washington, D.C., Oct. 17.

Edward A. Kline, professor and chairman of English and director of the freshman writing program, delivered the welcoming address titled "Freedom with Constraints: The Role of Writing, Reading, and Learning Skills to the Mission of Education" at the 29th annual conference of the North Central Reading Association, Notre Dame, Ind., Oct. 23-26.

Charles F. Kulpa, associate professor of biological sciences, presented an invited paper titled "Applications of Microbiology and Genetics in Pollution Control" at the Water Pollution Control Federation Meeting in Los Angeles, Calif., Oct. 5-12. He also presented a seminar titled "Microbial Degradation of Hazardous Wastes" at the Northwest Center for Medical Education, Gary, Ind., Oct. 31. He presented a seminar titled "Microbiology of Mixed Cultures in Sequencing Batch Reactors: Application to Glyphosate Waste Treatment" to Agricultural Division of Monsanto Co., St. Louis, Mo., Nov. 4.

Catherine Mowry LaCugna, assistant professor of theology, was the homilist at the Justice and Peace Center, South Bend, Ind., Nov. 19.

Edward Manier, associate professor of philosophy, gave the following presentations: "Karl Lashley and the Origins of Cognitive Neuroscience" for the History of Science Society; "Problems in the Development of Cognitive Neuroscience: Expository Strategies in 'Specialist' and 'Inter-specialist' Texts" for the Society for Sociology of Science; "The Silence of Science and the Problem of Neurobiological Reduction" for the Philosophy of Science Association. The meetings were held jointly in Pittsburgh, Pa., Oct. 23-26.

Rev. Richard P. McBrien, chairman and Crowley-O'Brien-Walter professor of theology, gave a presentation titled: "Magisterium," "Ecclesiology," and "Models of the Church" at the Pelton Lecture Series, Center for Continuing Formation in Ministry, Univ. of Notre Dame, Sept. 4-5. He gave a keynote address titled "The Ministry of the Catholic Educator" at the Catholic Educator's Institute, Diocese of Lansing, Mich., Jackson, Oct. 1. He presented "Religion and Politics" at the John Courtney Murray Lecture, Univ. of Toledo, Ohio, Oct. 5. He also delivered a presentation titled "An Ecclesiology for Women and Men" at the "Women in the Church -- A Time Consultants" Conference, Washington, D.C., Oct. 10. He also gave the keynote address titled "Evangelization and Social Justice" at the annual meeting of the Office of Urban Affairs Archdiocese of Hartford, Ct., Plainville, Ct., Oct. 22.

Rev. Richard McCormick S.J., O'Brien professor of theology, delivered the keynote address titled "Withholding or Withdrawing Life Supports" at the Sisters of St. Joseph Health System, Kalamazoo, Mich., Nov. 12.

Marvin J. Miller, professor of chemistry, presented an invited lecture titled "Methods for the Asymmetric Synthesis of Natural and Unnatural Products" at the Eastman Kodak Company, Eastman Chemicals Division in Kingsport, Tenn., Nov. 3. He also attended a special study section meeting to review pharmacology grant applications for the National Institutes of Health in Bethesda, Md., Nov. 13-14.

Thomas J. Mueller, professor of aerospace and mechanical engineering, and director of engineering research and graduate studies, presented a lecture titled "Visualization of Subsonic Flows" at the Royal Aeronautical Society, Bedford, U.K., Oct. 14. He also presented two papers at the International Conference on Aerodynamics at Low Reynolds Numbers titled "Low Reynolds Number Wind Tunnel Measurements: The Importance of Being Earnest" and "The Effect of Grit Roughness on the Performance of the Wortmann FX63-137 Airfoil at a Chord Reynolds Number of 100,000" London, England, Oct. 15-18. He presented a seminar titled "Airfoil Aerodynamics at Low Reynolds Numbers" at the School of Aeronautics and Astronautics, Purdue Univ., West Lafayette, Ind., Oct. 30.

Victor W. Nee, professor of aerospace and mechanical engineering, presented a seminar titled "The Effects of Turbulence Characteristics on Turbulent Flow Development and Heat and Mass Transfer" at the Chemical Process Metrology Division Seminar at the National Bureau of Standards, Oct. 16.

Patricia A. O'Hara, associate professor of law, delivered an invited lecture titled "Drafting Stock Purchase Agreements for the Michigan Close Corporation" to the Berrien County Bar Association, Niles, Mich., Sept. 24.

Rev. Thomas O'Meara, O.P., William K. Warren professor of theology, presented two lectures titled "Paul Tillich and the Catholic Substance" and "Paul Tillich and Karl Rahner on Grace and World Religions" at Paul Tillich (1886-1963): A Symposium, Wartburg Seminary, Iowa, Oct. 30-31.

Joseph E. O'Tousa, assistant professor of biological sciences, presented a poster at the Molecular Neurobiology of Drosophila Conference, Cold Spring Harbor Laboratory, New York City, Oct. 6-9.

Daniel J. Pasto, professor of chemistry, delivered an invited lecture titled "Formation and Reactions of Homotrimethylenemethane Diradicals in Cycloaddition Reactions of Allenes" for the department of chemistry at Iowa State Univ. Ames, Oct. 30.

William L. Petersen, assistant professor of theology, chaired the meeting of the Midwest Patristic Seminar, Univ. of Chicago, Ill., Oct. 11.

Teresa G. Phelps, assistant professor of law, presented a paper titled "The Heritage of Antigone: Female Lawbreakers in American Literature" at the annual meeting of the American Society of Criminologists, Atlanta, Ga., Oct. 29.

Anand Pillay, associate professor of mathematics, gave an invited talk titled "Semialgebraic Groups"

at Quadratic Forms and Real Algebraic Geometry meeting, Oregon State Univ., July 23-30.

Alvin Plantinga, O'Brien professor of philosophy, lectured and codirected in a six-week NEH Summer Institute in Philosophy of Religion, at Bellingham, Wash., June 25 - Aug. 8. He gave the following lectures: "Is Belief in God Rational?" and "Two Concepts of Modality: Modal Realism and Modal Reductionism" at the Univ. of Michigan, and "Christianity and Philosophy I" and "Christianity and Philosophy II" for the Ann Arbor Christian Reformed Church, Ann Arbor, Mich., Oct. 3-4. He also was the featured lecturer at the 33rd Annual Wheaton College Philosophy Conference, giving three lectures, "Probabilistic Natural Theology and Belief in God as Basic," "Belief in God as Basic and Epistemic Probability," and "Epistemic Probability and Evil," Wheaton, Ill., Oct. 23-25.

Michael J. Radzicki, assistant professor of management, presented a paper titled "On Extending the Institutional Paradigm: The Appropriate Place for System Dynamics Within the Economics Profession" at the 1986 conference of the International System Dynamics Society, Seville, Spain, Oct. 21-14.

Niels Krogh Rasmussen, O.P., associate professor of theology, received a NEH "Travel to Collections" grant for work on the Papal Masters of Ceremonies at the Vatican Library, June and July.

James H. Seckinger, professor of law, director of National Institute for Trial Advocacy, was a guest faculty member for the Intensive Trial Advocacy Course at the Ecole de droit of the Université de Moncton, Nouveau-Brunswick, Canada, Aug. 6-10. He provided the introduction and narration for an expert witness videotape at the Arthur Andersen Training Facility, St. Charles, Ill., Aug. 29. He was a faculty member at the Arthur Andersen Courtroom Presentation School, New York City, Aug. 14-15. He attended the National Institute for Trial Advocacy Program Directors' Meeting, St. Paul, Minn., Sept. 18-20. He was also a faculty member for the Bell, Boyd & Lloyd In-House Trial Advocacy Program, Chicago, Ill., Sept. 25-27. He attended the National Institute for Trial Advocacy Fall Board of Trustees' Meeting, Notre Dame, Ind., Oct. 16-17. He was a faculty member at the O'Melveny & Meyers In-House Trial Advocacy Program, Los Angeles, Calif., Oct. 30 - Nov. 2.

Stephen E. Silliman, assistant professor of civil engineering, was the chairman of the Groundwater Session of the national meeting of the American Geophysical Union, Baltimore, Md. in May.

Rev. Robert F. Taft, S.J., visiting O'Brien professor of theology, gave a lecture titled "The Liturgy of the Hours and Vatican II" at the Corpus Christi Center, Phoenix, Az., Nov. 12.

Lee A. Tavis, Smith professor of business administration, served on the program committee at the Financial Management Association annual meetings, New York City, Oct. 15-18. He organized and chaired a special session, "The International Debt Crisis: Vulnerability in the First and Third

Worlds" and chaired a session, "The Effect of Share Repurchases: Retirement of Restricted Voting Shares: Japanese Mergers, Agency, and Shareholders' Wealth."

Anthony M. Trozzolo, Huisking professor of chemistry, presented an invited lecture titled "Solid-State Photochromism: The Ylide and Its Odyssey" at the Nobel Hall of Science, Gustavus Adolphus College, St. Peter, Minn., Oct. 22.

Chris R. Vanden Bossche, assistant professor of English, chaired a session titled "Victorian Medievalism" at the conference on medievalism, Univ. of Notre Dame, Oct. 24.

Stephen Watson, assistant professor of philosophy, hosted the 11th annual meeting of the Merleau-Ponty Circle at the Univ. of Notre Dame, Sept. 18-21. He participated in a session on current research in continental philosophy held at the annual meeting of the Society for Phenomenological and Existential Philosophy, Toronto, Ontario, Canada, Oct. 16-19.

F. Ellen Weaver, associate professional specialist of the theology, served as a commentator for Religious Activism in Early Modern France sponsored by the Society for French Historical Studies, Baltimore, Md., Nov. 22.

Rev. James F. White, professor of theology, gave a lecture titled "Christian Worship and Social Justice" at the 150th Anniversary Celebration, Union Theological Seminary, New York City, Oct. 7. He also gave a series of lectures at California-Nevada Pastors' School, Monterey, Calif., Oct. 15-17. He attended the Johns Memorial Lectures, Memphis Theological Seminary, Memphis, Tenn., Oct. 22-23.

Rev. Oliver F. Williams, C.S.C., associate professor of management, presented (with Robert D. Hostetler, President and Chief Executive Officer of CTS Corporation) "Divestitures and Reorganizations: Their Impact on Organizations and Employees," Univ. of Notre Dame Business Forum, Oct. 29. He also presented "Endowments and Social Investing" at a meeting of the Investment Management Institute, New York City, Oct. 27.

Eduardo E. Wolf, professor of chemical engineering, presented a departmental seminar titled "FTIR Studies of Catalytic Oxidation Reactions" for the chemical engineering department, Univ. of Pittsburgh, Pa., Oct. 3.

Kwang-tzu Yang, Hank professor of aerospace and mechanical engineering, presented a research seminar titled "Fire Spread in Confined Spaces" as a distinguished invited faculty lecturer in the School of Mechanical Engineering, Purdue Univ., West Lafayette, Ind., Oct. 30.

John H. Yoder, professor of theology, was a consultant to World Council of Churches, planning World Assembly on Justice, Peace, and the Integrity of Creation: Meeting at Glion (Switzerland) Nov. 6-13. He gave lectures on Ethics in the Nuclear Dilemma, Loma Linda Univ., Loma Linda, Calif., Nov. 14-15.

documen- tation

university libraries' minutes oct. 1, 1986

The meeting was called to order at 4:08 p.m. in the Conference Room of the Administrative Office, 221 Memorial Library, by Committee chairperson Harvey Bender. Also present were Committee members Joseph Blenkinsopp, John Lucey, Robert C. Miller (ex officio), James Robinson, W. Robert Scheidt, and committee secretary Vicki Maachouk.

The minutes of the meeting of Sept. 17 were approved for publication and distribution as written.

Mr. Miller gave his report as Director of the Libraries:

(1) The Libraries have taken the lead in establishing an ad-hoc committee on machine readable data files with representatives from Business, Engineering, the Computing Center, the Libraries, and the Social Science Training and Research Lab. The committee is planning a survey among faculty to determine what machine readable files they have, where they got them, and how they got them in hopes to incorporate this information into the library catalog.

(2) The Libraries are also exploring the possibility of gaining access to ARTFL of the University of Chicago which contains French texts of the 16th and 17th centuries in science, literature, history, philosophy, and religion. The Libraries will be talking to faculty within the next few weeks about this. Although access to ARTFL costs \$750 with significant other costs, there is a free week trial, so the Libraries will prepare for the trial and if it seems worthwhile will look for money to finance the venture.

(3) The Library recently began to acquire videotapes. Over the years, the English Department has purchased videotapes and stored them in Educational Media. Mr. Miller is exploring with Sister Elaine DesRosiers, Director of Educational Media, cooperative activity in this area. Prof. Bender hoped the two parties could work together. Prof. Robinson added that it was also a question of funneling funds. Prof. Blenkinsopp asked what was the purpose of collecting videotapes. Mr. Miller responded that the collection would be based on those suitable for long-term study. Asked by Prof. Blenkinsopp about slides, Mr. Miller said this was a difficult matter since slides are diffused all over campus and therefore are not a part of present considerations. There are discussions with the Smithe Museum about incorporating their library collection into the University Libraries. Asked by Prof. Bender if the Radiation Laboratory collection is part of the University Libraries, Mr. Miller replied yes. Prof. Scheidt added that the problem is not knowing where things are and that it would be nice to have one source for information. Prof. Bender asked if Mr. Miller

wanted the committee to make a recommendation to the Provost to form a committee to look at the issue, but Mr. Miller replied that it would not be necessary at this time.

- (4) The University Committee on Computing will wrap up its report in October and will have a section devoted to the University Libraries.

The Committee next discussed their appointment of a representative to the NOTIS Users' Group which will begin to meet as soon as the roster is set. Prof. Bender named Prof. McDonald as the representative and the Committee concurred.

Turning to Lokmobiles and Carrels, Mr. Miller informed the committee that these are assigned to graduate students and a few faculty, are used for two to three years by individuals and have a one-time \$1.00 and \$5.00 charge respectively that is refundable upon the libraries' receipt of the key. The Libraries propose that beginning Jan. 2, 1987 there be a one-time nonrefundable usage fee of \$5.00 for lokmobiles and \$25.00 for closed carrels instituted in place of the current policy. Prof. Robinson opposed charging graduate students who can least afford it and asked how the present policy was abused. Mr. Miller replied that having a carrell and not using it is the greatest abuse considering the high demand for carrels. Prof. Bender asked how the monies gained would be used. Mr. Miller said that plans included replacing lokmobiles, buying more lokmobiles, and building more carrels. Prof. Scheidt recommended that a period of time be defined and Prof. Bender suggested one year. Mr. Miller then proposed a \$3.00 annual fee for lokmobiles and a \$10.00 annual fee for carrels. Prof. Lucey and Prof. Scheidt seconded the motion. The motion passed with Prof. Robinson opposed.

Joanne Bessler, Assistant Director for Reference and Instructional Services and chair of the Library Planning Committee, joined the meeting to present the Libraries' planning cycle and address progress made toward the Libraries Goals: 1986-1990. The planning cycle begins two years before the budget year and involves library staff, faculty, and administrators at committee, departmental, and divisional levels. The University Committee on Libraries is represented on the Planning Committee. Mr. Miller added that this is the operating budget and the acquisition budget must be coordinated with this process. Asked by Prof. Bender when UCL can look at the budget and still influence University administration, Mr. Miller replied December. Prof. Robinson added that he hoped there would be reports from Collection Development about the status of monies and funds to departments so this can be addressed in December. Ms. Bessler added that this is the first time the Libraries have used this cycle and hope to show how planning, budgeting, and goalsetting are all part of the process.

Addressing the Libraries' progress toward meeting its goals, Ms. Bessler pointed out that progress has been mixed. Support for University academic programs has been increased with the two new funds in Latin American Studies. Corporate membership in the John Crerar Library makes available the resources of the University of Chicago library system. The creation of the ad-hoc committee on machine-readable tapes is an effort to ensure that the libraries provide the university community with access to materials in the variety of formats available. Although libraries have a proposal for outside funds for this purpose. The libraries have already converted 84% of their monographs and 60% of their currently received serials from the paper card record to a machine readable record in preparation for the coming automated system. Aiming to improve traditional services, the Interlibrary Loan Department received another staff position and computer hardware and software enabling the achievement of an average 48-hour turnabout time on requests; the Document Delivery Service between libraries will improve access to the library collections on the campus; and more intense training has begun of the nonprofessionals staffing the reference desk and branch libraries in the evenings to improve the level of assistance they are able to offer library patrons. Training of all reference librarians and library associates to do ready reference database searching began last year to take full advantage of developments in the electronic information field. To meet the goal of providing for continuing education and development staff have received training for database searching, 24 supervisors received supervisory training in 1985-86, and the excellence in staff and continuing review and recognition is an ongoing process with the current emphasis on faculty development. Creation of the Library Instructional Center is a step toward the library goal of providing space consonant with aspirations for its service.

Responsible for the branch libraries, Ms. Bessler reported that the Chemistry/Physics, Life Sciences, and Architecture Libraries are at capacity -- for every book added to the collection a volume must be transferred to the tower of Memorial Library. The Chemistry/Physics librarian was told that the structure was not able to handle additional shelving. Prof. Lucey moved that the committee urge the testing of the capacity of the Chemistry/Physics Library, by evaluating the structural integrity of the building to determine if the library is at the limit it can handle. The motion was seconded by Prof. Scheidt and

passed unanimously. Prof. Bender asked that Mr. Miller have a report for the Committee at the next meeting.

Prof. Robinson made a motion of adjournment that was seconded by Prof. Lucey. The motion passed and the meeting was adjourned at 5:10 p.m.

Respectfully submitted,

Vicki Maachouk
Secretary

corrections to nd report no. 4

Editor's Note: Following are corrections and additions to Notre Dame Report #4 which have been brought to the editor's attention. Page numbers listed below refer to Report #4; underlined portions are the correct changes to be made.

University Committees

1. In the membership of the University Relations Committee on page 36, the listing should be: Janine S. Andrysiak, B.G.S., Sponsored Programs Administrator.

Editors of Scholarly Publications

1. The list of scholarly publications on page 56 should also include Gerontology & Geriatric Education, with John F. Santos and Grace D. Dawson as editors.

Faculty of the University, Academic Year 1986-87

1. JOHN B. ATTANASIO, Associate Professor of Law. B.A., Univ. of Virginia, 1976; J.D., New York Univ., 1979; Dipl. in Law, Oxford Univ., 1982; LL.M., Yale Law School, 1985. (1985)
2. THOMAS W. BARKES, Adjunct Instructor in Communication and Theatre. B.A., Hope College, 1977; M.A., Univ. of Mich., 1985. (1986)
3. STEPHEN M. FALLON, Assistant Professor in the Program of Liberal Studies. A.B., Princeton Univ., 1976; M.A., McGill Univ., 1978; Ph.D., Univ. of Virginia, 1985. (1985)
4. LOUIS A. MACKENZIE, JR., Assistant Professor of Modern and Classical Languages. B.A., Univ. of Notre Dame, 1969; M.A., Middlebury College, 1972; Ph.D., Cornell Univ., 1976. (1983)
5. JAMES D. PETERSON, Assistant Professor of Communication and Theatre. B.S., Univ. of Wisconsin, 1979; M.A., ibid., 1982; Ph.D., ibid., 1986. (1986)
6. STEPHEN E. SILLIMAN, Assistant Professor of Civil Engineering. B.S.E., Princeton Univ., 1979; M.S., Univ. of Arizona, 1981. (1986)

The following people should be included in the faculty roster:

1. ROBERT W. CLAUSEN, Guest Assistant Professor of Biological Sciences. B.S., Valparaiso Univ., 1969; M. of Med., Kasturba Medical College, 1974; Dipl., Rutgers Univ. School of Medicine, 1975. (1984)
2. REV. ARTHUR S. HARVEY, C.S.S., Associate Professor Emeritus of Communication and Theatre. B.A., Univ. of Notre Dame, 1947; M.A., Catholic Univ. of America, 1953. (1953)
3. ELIZABETH A. MOON, Staff Librarian. B.J., Univ. of Missouri at Columbia, 1978; MLIS, Univ. of Texas at Austin, 1985. (1986)

The listing for REV. MICHAEL D. McCAFFERTY, C.S.C., should read: Associate Professor of Law. A.B., Univ. of Notre Dame, 1969; J.D., ibid., 1973; M.Th., ibid., 1974; LL.M., Harvard Law School, 1978. (1978)

advanced studies

awards received

IN THE MONTH OF OCTOBER, 1986

<u>Department or Office</u>	<u>Principal</u>	<u>Short title</u>	<u>Sponsor</u>	<u>Dollars Months</u>
AWARDS FOR RESEARCH				
Radiation Lab.	Schuler	Effects of Radiation on Matter	Dept. Energy	25,000 3
Radiation Lab.	Schuler	Effects of Radiation on Matter	Dept. Energy	5,100 12
Kellogg Inst. Intl. Stud.	Mpanya	Health and Water Issues in Zaire	Yoder Dept. Store, Inc.	5,000 9
Physics	Johnson	Relativistic Quantum Electrodynamics	Inst. Theor. Physics	110,000 7
Aerospace Mech. Eng.	Dunn	The Dynamics of Charged Vacuol Generation	Dept. Air Force Space Div.	120,000 12
Chemistry	Thomas	Investigations of CaCO_3 , $\text{Ca}(\text{OH})_2$ and CaO	Texaco, Inc.	25,000 12
Chemistry	Lappin	Stereoselectivity in Electron Transfer	Natl. Sci. Fdn.	30,000 12
AWARDS FOR INSTRUCTIONAL PROGRAMS				
Civil Eng.	Kelsey	Firestone Fellowship	Firestone Tire Rubber Company	5,000 9
AWARDS FOR SERVICE PROGRAMS				
Inst. Past. Soc. Min.	Jagoe	Notre Dame Center for Continuing Formation in Ministry	Numerous Sponsors	5,802 --
Inst. Past. Soc. Min.	Bernstein	Notre Dame Center for Pastoral Liturgy	Numerous Sponsors	2,365 --
Inst. Past. Soc. Min.	Bernstein	Notre Dame Center for Pastoral Liturgy - Publications	Numerous Sponsors	1,060 --
Inst. Past. Soc. Min.	Kelly	Programs for Church Leaders	Numerous Sponsors	3,222 --
Inst. Past. Soc. Min.	Pelton	IPSM Parish Study Phase III	Numerous Sponsors	427 --

AWARDS FOR OTHER PROGRAMS

Law School	Broden	Battered Women & Cooperative Clinical Program	Legal Services Corp.	49,172 12
Physics	Garg, Berners, and Browne	20th Meeting of the Symposium of North-Easter Accelerator Personnel	Argonne Univ. Trust Fund	5,450 6
Graduate School	Le	National Graduate Fellows Program	Dept. Educ.	16,000 12
Chemical Eng.	Varma	Travel Grant	Natl. Sci. Fdtn.	1,675 --

proposals submitted

IN THE MONTH OF OCTOBER, 1986

<u>Department or Office</u>	<u>Principal</u>	<u>Short title</u>	<u>Sponsor</u>	<u>Dollars Months</u>
PROPOSALS FOR RESEARCH				
Biological Sciences	K. Olson, D. Lipke	Alternative Models to Study Mammalian Blood Pressure Reg.	C.A. Lindbergh Fund, Inc.	12,314 8
Mathematics	A. Sommese	Transcendental Algebraic Geometry	Natl. Sci. Fdtn.	58,823 12
Chemical Eng.	J. Kantor	Presidential Young Investigator Award	Natl. Sci. Fdtn.	53,357 12
Mathematics	A. Pillay	Topics in Model Theory	Natl. Sci. Fdtn.	23,839 12
Mathematics	L. Taylor	Algebraic and Geometric Topology	Natl. Sci. Fdtn.	64,542 12
Physics	J. Furdyna	Neutron Scattering of Diluted Magnetic Semi-conductors	Natl. Sci. Fdtn.	86,000 12
Prog. Lib. Stud.	S. Fallon	The Metaphysics of Milton's Prose	Amer. Council Learned Soc.	32,596 8
Civil Eng.	R. Irvine, M. Aitken	Enzymatic Removal of Toxic Chemicals	C.A. Lindbergh Fund, Inc.	16,103 7
Materials Sci. Eng.	C. Crowell, A. Miller	The Quality Performance Assistant	Intl. Bus. Machines	1,083,521 36
Mod. Class. Languages	L. MacKenzie	Responses to Pascal's Provincial Letters	Amer. Council Learned Soc.	38,396 12

History	R. Wegs	A Social History of Vienna, 1890-1914	J.S. Guggenheim Mem. Fdtn.	45,240 9
History	R. Wegs	A Social History of Vienna, 1890-1914	Amer. Council Learned Soc.	45,240 9
English	L. Orr	Indeterminate Spaces: James, Conrad, Eliot	Mellon Fac. Fellowship	32,828 10
English	L. Orr	Indeterminate Spaces: James, Conrad, Eliot	J.S. Guggenheim Mem. Fdtn.	32,828 10
English	C. Vanden Bossche	Thomas Carlyle and the Victorian Crisis of Authority	Amer. Council Learned Soc.	32,828 12
English	C. Vanden Bossche	Thomas Carlyle and the Victorian Crisis of Authority	J.S. Guggenheim Mem. Fdtn.	32,828 12
Prog. Lib Stud.	A. Goddu	Ockman's Account of the Relation of Mathematics and Natural Philosophy	J.S. Guggenheim Mem. Fdtn.	32,944 12
Economics	S. Worland	Aristotle's Ethics and the Legitimacy of Market Capitalism	Amer. Council Learned Soc.	53,824 12
Mod. Class. Languages	J. Welle	Pasolini and Contemporary Italian Culture	Amer. Council Learned Soc.	33,408 12
Mod. Class. Languages	J. Welle	Pasolini and Contemporary Italian Culture	Amer. Philo. Soc.	2,700 2
Mod. Class. Languages	S. Bell	Paz and Revueltas: Latin American Case Study	Council Intl. Exchg. Scholars	33,060 12
Government Intl. Stud.	F. Dallmayr	Heidegger and Political Philosophy	Natl. Endow. Humanities	81,200 10
Government Intl. Stud.	F. Dallmayr	Thinking in the Catacombs; Heidegger's <u>Kehre</u> and Politics	J.S. Guggenheim Mem. Fdtn.	81,000 12
Materials Sci. Eng.	T. Kosel	A Study of Erosive Particle Rebound Parameters	Martin Marietta Sys., Inc.	378,973 36
Biological Sciences	S. Carpenter	Variance of Ecosystem Stress Indicators	Environ. Prot. Agency	10,433 6
Chemistry	T. Fehlner	Metal-Rich Metallaboranes	Natl. Sci. Fdtn.	444,569 36
Economics	M. Zalkin	Small Farmer Production and Marketing of Foodgrains	The World Bank	48,231 12
Art, Art Hist. Design	S. Madigan	Byzantine Palaeography and Illumination	Amer. Council Learned Soc.	34,800 15
Art, Art Hist. Design	S. Madigan	Byzantine Palaeography and Illumination	M.I. Bunting Inst.	34,800 12
Art, Art Hist. Design	S. Madigan	Byzantine Palaeography and Illumination	Natl. Human. Center	34,800 12
Sociology	M. Hallinan	Determinants of Students' Interracial Friendliness	Natl. Inst. Health	105,379 12
Mathematics	W. Stoll, P. Wong	Theory of Several Complex Variables	Natl. Sci. Fdtn.	260,469 36
Mathematics	B. Smyth, F. Xavier	Complete Surfaces in Three-Space	Natl. Sci. Fdtn.	164,670 36
Mathematics	A. Hahn	Presentation Theory of the Classical Group	Natl. Sci. Fdtn.	57,413 24
Mathematics	J. Knight	Resursive Model Theory	Natl. Sci. Fdtn.	109,306 36
Mathematics	G. Roberts	Operators with Quasi- Homogeneous Symbols	Natl. Sci. Fdtn.	34,724 24
Mathematics	D. Massey	Complex Hypersurface Singularities	Natl. Sci. Fdtn.	34,547 24
Physics	U. Garg	BGO-Array	Argonne Natl. Lab.	70,240 12

Mathematics	F. Connolly	Group Actions	Natl. Sci. Fdtn.	49,382 24
Biological Sciences	G. Craig	Factors Affecting Vector Competence in <u>Aedes triseriatus</u>	Natl. Inst. Health	302,565 12
Mathematics	R. Lockhart	Laplaceans Associated to General Metrics on Euclidean Space	Natl. Sci. Fdtn.	34,724 24
Chemistry	G. Lappin	Stereoselectivity in Electron Transfer	Natl. Sci. Fdtn.	290,284 36
English	C. Vanden Bossche	Thomas Carlyle/Victorian Crisis of Authority	A.W. Mellon Fdtn.	35,380 12
Biological Sciences	M. Clancy	Regulation of Meiosis and Sporulation Yeast	Amer. Cancer Soc., Inc.	143,124 24
Biological Sciences	V. Martin	Differentiation of Interstitial Cell	Natl. Sci. Fdtn.	311,186 36
Biological Sciences	K. Rai	Genetic Differentiation in the <u>Aedes albopictus</u> Subgroup	Natl. Inst. Health	157,565 12
Civil Eng.	I. Kinnmark	One Step Solver for Mixed Problems	Natl. Sci. Fdtn.	112,194 24
Government	M. Francis	U.S. Foreign Policy Toward Latin America 1961-1985	H. Heinz Endow.	62,740 12
Biological Sciences	M. Fennewald	Inhibitors of Site-Specific Recombination	Natl. Inst. Health	131,991 12
Mod. Class. Languages	M. Boulton	New Testament Apocryphal Fiction	Natl. Human. Center.	35,380 12
Mod. Class. Languages	M. Boulton	New Testament Apocryphal Fiction	J.S. Guggenheim Mem. Fdtn.	43,384 12
Mod. Class. Languages	M. Boulton	New Testament Apocryphal Fiction	M.I. Bunting Inst.	35,380 12
Mod. Class. Languages	M. Boulton	New Testament Apocryphal Fiction	Aemr. Council Learned Soc.	35,380 12
Biological Sciences	M. Fennewald	Biochemical Mechanism of DNA Transposition	Natl. Sci. Fdtn.	288,846 36
Physics	W. Tomasch	Metal-Metal Interfaces and Magnetic Interface States	Dept. Energy	407,845 36
Aerospace Mech. Eng.	R. Howland	A New Approach to Liberational Solution in Ideal Resonance	Natl. Sci. Fdtn.	123,782 24
English	T. Brogan, E. Kline	Princeton Encyclopedia of Poetry and Poetics, Third Rev. Ed.	Natl. Endow. Humanities	270,845 24
Mathematics	B. Smyth, F. Xavier	Complete Surfaces in Three-Space	Natl. Sci. Fdtn.	164,670 36
Aerospace Mech. Eng.	L. Lee	Wrinkling in Sheet Metal Forming	Natl. Sci. Fdtn.	75,191 12
Chemical Eng.	M. McCready	Study of Capillary - Gravity Waves	Natl. Sci. Fdtn.	197,904 24

PROPOSALS FOR FACILITIES AND EQUIPMENT

Physics	T. Rettig, R. Ruchti	High Time Resolution Analysis of Comet Halley	Natl. Sci. Fdtn.	12,638 6
Chemistry	T. Fehlner	Purchase of a 500 MHZ NMR Spectrometer	Natl. Sci. Fdtn.	708,480 12

PROPOSALS FOR INSTRUCTIONAL PROGRAMS

Anthropology	M. Murphy	Lectureship in Sociology	Council Intl. Exchg. Scholars	37,567 9
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PROPOSALS FOR OTHER PROGRAMS

Government Intl. Stud.	D. Kommers	Fulbright/Japan-United States Educational Commission	Japan-U.S. Educ. Commission	14,670 2
American Stud.	L. Hogan, D. Costello	Black Baseball in America, 1885-1950	Ind. Comm. Humanities	34,607 5

summary of awards received and proposals submitted

IN THE MONTH OF OCTOBER, 1986

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	4	65,100	3	255,000	7	320,100
Facilities and Equipment	0	0	0	0	0	0
Instructional Programs	0	0	1	5,000	1	5,000
Service Programs	0	0	5	12,876	5	12,876
Other Programs	0	0	4	72,297	4	72,297
Total	4	65,100	13	345,173	17	410,273

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	13	2,877,626	47	4,264,889	60	7,142,515
Facilities and Equipment	1	12,638	1	708,480	2	721,118
Instructional Programs	0	0	1	37,567	1	37,567
Service Programs	0	0	0	0	0	0
Other Programs	0	0	2	49,277	2	49,277
Total	14	2,890,264	51	5,060,213	65	7,950,477

notre dame report

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