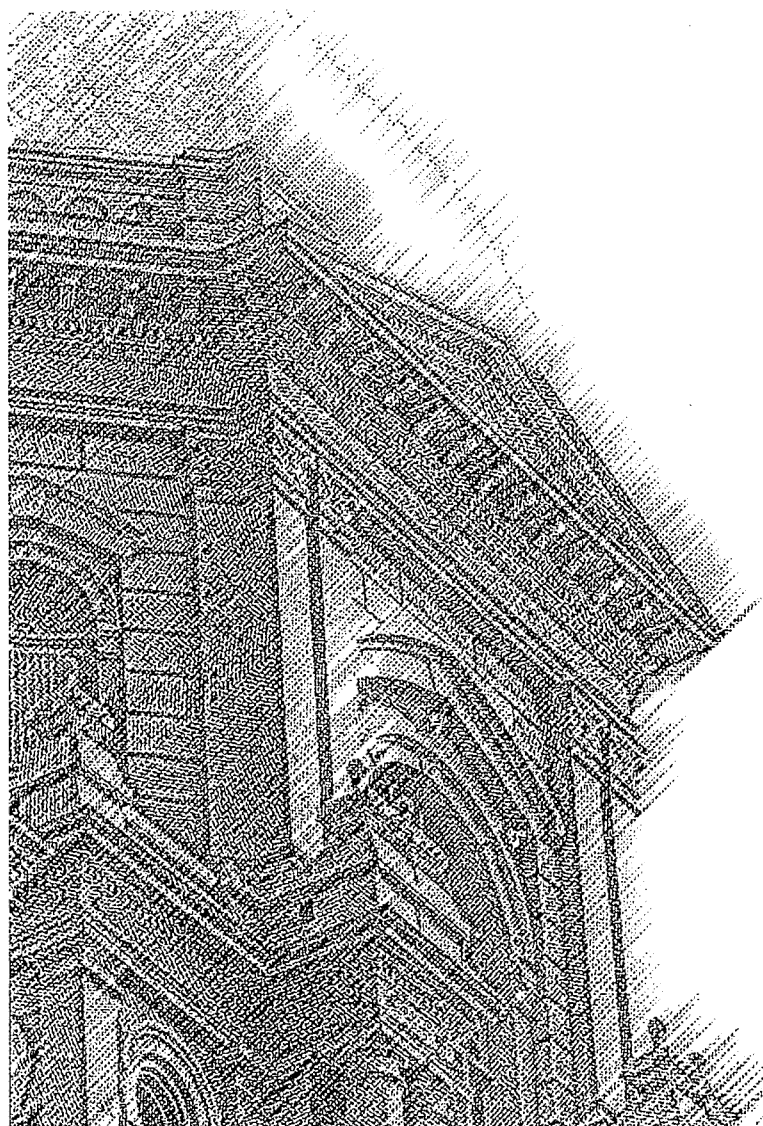


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Faculty Notes

Honors

Theodore Cachey, professor of Romance languages and literatures and Ravarino Director of the Devers Program in Dante Studies, was named to the "Consiglio direttivo" of the *Rivista di Studi Danteschi*, published by the Centro Pio Rajna, Centro di studi per la ricerca letteraria, linguistica e filologica, Rome.

Paul M. Cobb, professor of history, received a fellowship from the National Endowment for the Humanities for 2002-2003 to support his project "Lords of Shayzar: An Arab Family in the Age of Crusades."

Richard Economakis, assistant professor of architecture, attended the 20th Anniversary Celebrations at the new town of Seaside, Fla., on Dec. 7-9, where his project "A Gateway for Seaside" was submitted on behalf of the Deupi Economakis Design Partnership as one of three runner-up finalist schemes at a special awards ceremony.

Stephen Fredman, professor of English and Morahan Director of the Core Course Program, received a nomination for the Koret Jewish Book Award for his book *A Menorah for Athena: Charles Reznikoff and the Jewish Dilemmas of Objectivist Poetry*.

Maureen T. Hallinan, director of the Center for Research on Educational Opportunity in the Institution for Educational Initiatives and White Professor of Sociology, acted as advisory editor for the *Foundations of Sociology Series*, Werner Publications, 2001; was elected the chair of the National Academy of Education, NAE/Spencer Fellowship Program, 2001-2003; was named a member of the Spencer Foundation, Dissertation Fellowship Selection Committee 2000-2002 and vice president of the Spencer Foundation Postdoctoral Fellowship Review Board 2001.

Frank P. Incropera, McCloskey Dean of Engineering and Brosey Professor of Mechanical Engineering, was elected secretary and vice president designate of the Mechanical Engineering Section of the National Academy of Engineering in September.

Donald P. Kommers, Robbie Professor of Government and International Studies and concurrent professor of law, has been named an advisory editor of the *International Journal of Constitutional Law*, a new journal published by New York Univ. Global Law Program.

Charles F. Kulpa Jr., professor of biological sciences and director of the Center for Environmental Sciences and Technologies, was reappointed to the editorial board of *Applied and Environmental Microbiology* for the term of Jan. 2002 through Dec. 2004.

Gary A. Lamberti, professor of biological sciences, has been appointed associate editor of *Ecological Applications* for the term 2001-2004, and a member of the Scientific Advisory Board of the Annis Water Resources Institute, Grand Valley State Univ., Michigan.

Patrick F. Leary, was awarded his Fellow Designation at the Annual Conclave of Fellows Award Banquet at the American Osteopathic Association Convention and Scientific Seminar in San Diego, Oct. 24, for outstanding national and local service through teaching, authorship, research, or professional leadership.

Lawrence C. Marsh, associate professor of economics, was named guest editor of the *Journal of Econometrics*. His duties will include serving as editor of a special issue on higher education.

Ralph McInerny, professor of philosophy, was appointed to President Bush's Committee on the Arts and Humanities.

Gerald McKenny, associate professor of Christian ethics, was awarded a collaborative research assistance grant from the American Academy of Religion for an ongoing project he heads on "Genre and Persuasion in Religious Ethics."

Martha Merritt, assistant professor of government, was appointed a reviewer for the Woodrow Wilson International Center for Scholars Fellowships.

Peter R. Moody Jr., professor of government and international studies, has been asked to serve on the search committee for a communications director for the Comparative Democracy Section, American Political Science Association.

Guillermo O'Donnell, professor of government and international studies and Kellogg Institute fellow, and **Raimo Väyrynen**, professor of government and international studies and senior fellow of the Kroc Institute, were invited to be members of the Tampere Club, a select intellectual forum to promote democracy and international cooperation.

Timothy C. Ovaert, professor of aerospace and mechanical engineering, was appointed chair of the American Society of Mechanical Engineers' Research Committee on Tribology, 2002-2004.

Wolfgang Porod, Freimann Professor of Electrical Engineering and director of the Center for Nano Science and Technology, was elected a fellow of the IEEE (Institute of Electrical and Electronics Engineers) for contributions to circuit concepts and architectures for nanoelectronics.

Andrew Sommese, Duncan Professor of Mathematics, was appointed to the editorial board of the *Milan Journal of Mathematics*. This new journal, to be published by the Seminario Matematico e Fisico di Milano and Birkhauser Verlag, is the successor of the *Rendiconti del Seminario Matematico e Fisico di Milano*.

Duncan Stroik, associate professor of architecture, received the Christ the King Award in recognition of his contributions to the field of sacred architecture through teaching, practice, and editing of the *Sacred Architecture Journal* by the Christian Law Institute, Nov. 17 in Lincoln, Neb.

Raimo Väyrynen, professor of government and international studies and senior fellow of the Kroc Institute, was honored by the President of the Republic of Finland, who granted him the Cross of Freedom, First Class, for his defense of Finland's independence and security.

Ursula Williams, associate professional specialist and director of the Language Resource Center, presented "Field of Screams: Surviving Technology Initiatives" at the meeting of the Mid-West Association of Language Learning Technologies, Luther College, Decorah, Iowa, Oct. 19-20.

Activities

Asma Afsaruddin, assistant professor in classics and fellow in the Kroc Institute, chaired the panel "Medieval Islamic Law and Theology" and the panel "Textual Analysis: New Approaches to Islamic Texts"; and presented "The Historical Context of Hadith" during the annual meeting of the Middle East Studies Association conference, Nov. 18, in San Francisco.

David E. Aune, professor of theology, presented "A Response to the *Third Edition of the Greek-English Lexicon of the New Testament and Early Christian Literature*, revised and edited by F.W. Danker (Chicago: Univ. of Chicago, 2000)," on Nov. 19 at the Biblical Lexicography Section of the Society of Biblical Literature, Denver.

Michael J. Baxter, assistant professor of theology, gave an invited lecture entitled "What Should We Do About Terrorism?: Dispelling the 'We' Fallacy From the Body of Christ" on Oct. 22 at the Univ. of Portland; and an invited lecture entitled "American Catholics to the Rescue: Reading U.S. Catholic Social Ethics as Comedy, Tragedy, and Farce," an Yves Simon Lecture, at Lumen Christi Institute, Univ. of Chicago, on May 10.

Joseph Blenkinsopp, O'Brien Professor Emeritus of Old Testament Studies, presented "Bethel in the Neo-Babylonian Period" at the annual Society of Biblical Literature meeting in Denver, Nov. 19.

Theodore Cachey, professor of Romance languages and literatures and Ravarino Director of the Devers Program in Dante Studies, gave the invited lecture "Italy and the Invention of America" at "Colonial Encounters: Columbus, Europe, and Spain in the New World," sponsored by the Center for Integrative Studies in the Arts and Humanities, Michigan State Univ., Oct. 5.

Paul M. Cobb, professor of history, served as chair and discussant for the panel "Abbasid Courts" at the annual Middle East Studies Assn. meeting in San Francisco, Nov. 17-20, and served as chair of the session devoted to Palestine at the international conference "Partition and Memory:

Ireland, India, and Palestine" at the Univ. of Notre Dame, Dec. 6-9.

Austin I. Collins, C.S.C., associate professor and chair of the Dept. of Art, Art History, and Design, has an indoor/outdoor sculpture exhibition, June 2001 through June 2002, Rocky Mount Arts Center, Rocky Mount, N.C., and his work is exhibited at the Washburn Univ. Sixth Annual Sculpture Exhibition, 2001-2002, Topeka, Kans.

Lawrence Cunningham, O'Brien Professor of Theology, gave an invited lecture entitled "Thomas Merton: Spiritual Master" at Fu Jen Univ. of Taipei, Taiwan, Nov. 21; and presented "Journals as Spiritual Genre: The Case of John McNamee," an invited paper, at the Conference on Faith and Literature at Fu Jen Univ. of Taipei, Nov. 24.

Brian E. Daley, S.J., Huisking Professor of Theology, attended a meeting of the Officers for Mission of the Association of Jesuit Colleges and Universities, Nov. 2-4, in Denver, to discuss the problems and opportunities involved in the practice of "hiring for mission" in Catholic universities; and presented *St. Augustine's Confessions* at St. Michael's College, Winooski, Vt., Nov. 26.

Peter Diffley, associate professional specialist and associate dean in the Graduate School, and concurrent associate professor of biological sciences, chaired the annual meeting of the Association of Graduate Schools in Catholic Colleges and Universities and presided over a discussion concerning the ethics and best practices of graduate stipends, Dec. 6, in San Diego.

Greg Downey, professor of anthropology, presented "Beholding and Becoming: *Homo imitans* and the Implications of Mimetic Learning" at the American Anthropology Association's national meetings in Washington, D.C., Nov. 28.

Keith J. Egan, adjunct professor of theology and Aquinas Chair in Catholic Theology at Saint Mary's College, presented the 2001 Annual Endowed Carmelite Lecture on "Carmel's Song: the Song of Songs" at Washington Theological Union, Washington, D.C., Nov. 2; and was the speaker at the Retreat for the Seminarians at Old College, Univ. of Notre Dame, Nov. 9-11.

James R. Falkiner, assistant professional specialist in the Dept. of Management, presented "Social Entrepreneurism—What is the NPV and the IRR of a Student Entrepreneur?" at the annual conference of the Collegiate Entrepreneurs Organization in Chicago, Nov. 1; and was a presenter on the panel "Angel Networks: An Alternative to Venture Funds at University-Based Entrepreneurial Centers" at the National Consortium of Entrepreneurial Centers annual meeting held at Wake Forest Univ. on Sept. 22.

Leonid Faybusovich, professor of mathematics, gave a colloquium talk entitled "Primal-dual Algorithms and Infinite-dimensional Jordan Algebras" at Science Univ. of Tokyo on Nov. 21; was an invited speaker in an international symposium "New Trends in Algorithms and Optimization" in Kyoto, Japan, Dec. 9-13; gave an invited lecture "Self-concordant Barriers for Semi-infinite Programming"; on Dec. 4, gave an invited lecture "Self-concordant Barriers in Optimization and Matrix Models of Quantum Field Theory" in Kansai seminar on integrable systems, Kyoto Univ.; and presented "Jordan Algebras in Optimization" at Korea National Univ., Taegu, Oct. 29 through Nov. 1.

Stephen Fredman, professor of English and Morahan Director of the Core Course Program, delivered the invited lecture "Charles Reznikoff and *A Menorah for Athena*" at the San Diego Jewish Book Fair, Dec. 3.

Dolores Warwick Frese, professor of English, presented "Heresy and the Holy Grail" at the 13th annual Medieval-Renaissance Conference, Univ. of Virginia's College at Wise, Sept. 22; and "The Clue in the Clock: The Man of Law's 'Introduction,' 'Prologue,' and 'Endlink' as Sites of Revision for Chaucer's *Canterbury Project*" at the annual meeting of the Medieval Association of the Midwest, Univ. of Wisconsin, Madison, Sept. 29.

James A. Glazier, associate professor of physics, presented "How Cells Know Where to Go" at the Univ. of Illinois, Nov. 29; and an invited seminar "Foams in Two and Three Dimensions" at the Interdisciplinary Center in Nonlinear Science, Northwestern Univ., Evanston, Dec. 7.

Jill Godmilow, professor of film, television and theater, presented "What Farocki Taught" at Prince Music Theatre, Philadelphia, and at the Univ. Michel de Montaigne, Bordeaux 3, France, Nov. 20-23; and gave a master class on documentary filmmaking and presented "Kill the Documentary as we Know it" at Scribe Video Center, Philadelphia, Oct. 27, and at the Bibliotheque Municipale de la Ville de Bordeaux for Le Mois du Film Documentaire.

Maureen T. Hallinan, White Professor of Sociology and director of the Center for Research on Educational Opportunity in the Institute for Educational Initiatives, presented "Catholic Schools as a Societal Institution" as a Hesburgh Lecture in St. Louis, in March; "A Model of Learning: Reconceptualizing Educational Opportunity" at the meetings of the American Sociological Association, Anaheim, Calif., in August; and "The Normative Culture of a High School and Student Socialization" at the "Conference in Honor of Charles Bidwell" at the Univ. of Chicago, in October. She was the session organizer of "Contributions of Sociology of Education: Retrospective and Prospective Analysis" at the meetings of the American Sociological Association, Anaheim, Calif., in August.

Glenn Hendler, associate professor of English and acting director of the Program in Gender Studies, presented "The Age of Crowds: Racialized Public Masculinities in Charles Chesnutt's *Marrow of Tradition*" at the American Studies Association annual conference in Washington, D.C., Nov. 11.

Nicholas Isherwood, visiting assistant professor of music, performed the opera *Freitag aus Licht*, by K. Stockhausen, with the composer in Amsterdam and Forbach; sang a solo recital of music by John Cage in Trento, Italy; presented two U.S. tours of Christmas music from the Renaissance with the Boston Camerata in November and December; and performed George Crumb's "Songs, Drones and Refrains of Death" with the composer in Austria in December.

David Jenkins, assistant librarian, presented "The *Diastasis tou Theou* in Psellos' Praise of Italos" at the Byzantine Studies Conference at the Univ. of Notre Dame, Nov. 9.

Richard A. Jensen, professor and chair of economics, concurrent professor of finance and business economics, and Kellogg fellow, presented "Multi-plant Firms and Innovation Diffusion" at the European Association for Research in Industrial Economics meetings, Trinity College, Univ. of Dublin, in September; presented "The Trade-off Between Basic and Applied Research in U.S. Universities" at the Center for Operations Research and Econometrics, Univ. Catholique de Louvain, Nov. 21, and again at the Conference on Innovations and Intellectual Property, Solvay Business School, Univ. Libre de Bruxelles, Nov. 22.

Paul Vincent Kollman, C.S.C., assistant professor of theology, presented "Africa's Missionary Past and the Culture of Life" at the Culture of Life conference, Notre Dame, Nov. 30.

Donald P. Kommers, Robbie Professor of Government and International Studies and concurrent professor of law, delivered the keynote address "Constitutional Review in the Contemporary World" at a major international conference on constitutional courts held at Washington Univ. (St. Louis) School of Law, Nov. 1-3; presented "The Grundgesetz: an American Perspective" at the conference *Konflikt der Rechts-kulturen? Die USA und Deutschland im Vergleich*, sponsored by the Bavarian-American Academy, Munich, Germany, May 17-19.

Gary A. Lamberti, professor of biological sciences, presented "Marine Nutrients in Freshwater Ecosystems: Role of Salmon Migrations in Supporting Stream Food Webs" at the annual meeting of the Ecological Society of America in Madison, Wisc., Aug. 5-10; and presented the seminar "Linkages Among Aquatic Ecosystems: From Bacteria to Bears" at the Univ. of Montreal, Nov. 29.

Keir Lieber, assistant professor of government and international studies, presented "The Puzzle of Theory vs. Practice: National Missile Defense and Nuclear Policy Then and Now" to the Program on International Politics, Economics, and Security at the Univ. of Chicago, Oct. 25.

Cynthia Mahmood, professor of anthropology and Kroc Institute fellow, spoke with R. Omar at the Loyola Univ. Teach-In on War on Oct. 29; and appeared on *Politically Incorrect*, Oct. 22.

Lawrence C. Marsh, associate professor of economics, presented "Direct Maximum Likelihood and Alternative Methods of Estimating Incomplete Categorical Response Models" to the Midwest Econometrics Group conference at the Kansas City Federal Reserve Bank in Kansas City, Mo., Oct. 20.

Richard P. McBrien, Crowley-O'Brien Professor of Theology, presented "The Papacy: Past, Present, and Future" at the Call to Action National Conference, Chicago, Nov. 3.

John McGreevy, associate professor of history, gave an invited lecture "The Eliot School Rebellion, 1859: Education, Slavery, and the Nineteenth Century Catholic Revival," sponsored by the Yale Univ. Institute for Advanced Study of Religion and Yale Dept. of History, Nov. 15.

Ralph McInerney, professor of philosophy, presented "The End of Philosophy" at the Undergraduate Philosophy Club, Univ. of Notre Dame, Nov. 28; and presented "Devil's Dignity: Concentrated Thoughts on Capital Punishment," at the Culture of Life Conference, Univ. of Notre Dame, Nov. 29.

Martha Merritt, assistant professor of government, presented "Constructing Threat in Russian Foreign Policy: Ethnicity, Apocalypse, and Baltic Warriors" at the American Political Science Association annual meeting on Sept. 1; "Assessing the Putin Presidency: The Media" at the American Association for the Advancement of Slavic Studies meeting on Nov. 17.

Philip Mirowski, Koch Professor of Economics, presented "The Parallel Histories of AI and Neoclassical Economics" at the Brookings Workshop on Multi-Agent Computation in Natural and Artificial Economies, Washington D.C., in October; "Problems of Credit in Globalized Science" and "From Wargames to Robo-shopping" at the 4S meetings, Cambridge Mass., in November; and organized the session on credit and intellectual property in science entitled "Slip-Sliding Away."

Walter Nicgorski, professor in the Program of Liberal Studies and concurrent professor of government and international studies, presented "Great Books Education and the Program of Liberal Studies at Notre Dame" and "The Natural and the Ultimate Horizons: Leo Strauss and the Great Books" at the Baylor Scholars' Institute, Baylor Univ., Waco, Texas, June 15; "Gerhart Niemeyer: Faith, Politics and Political Inquiry" in the Phoenix Institute at the Univ. of Notre Dame, July 18; comments on "Catholicism and the Declaration of Independence" at the annual meeting of the American Political Science Association, San Francisco, Aug. 30; comments on Michael Novak's *Hebraic Metaphysics in the American Founding* at a program of the Center for Ethics and Culture at the Univ. of Notre Dame, Oct. 16; and comments on D. Selbourne's *The Civic Order and its Crisis* at a program sponsored by the School of Architecture at the Univ. of Notre Dame, Nov. 26.

Timothy C. Ovaert, professor of aerospace and engineering, presented "Optimal Design of Layered Structures under Normal Contact Loading" at the 2001 STLE/ASME International Joint Tribology Conference, San Francisco, in October, and participated in a panel session entitled "Research Progress in Manufacturing Tribology" at the same conference. He presented an invited talk entitled "The University's Role in Engineering Education" at the 2001 annual meeting of the American Bearing Manufacturers Association, Aventura, Fla., in November.

Samuel Paolucci, professor of aerospace and mechanical engineering, participated in a CAREER proposal evaluation panel in the Thermal Transport and Thermal Processing program, Chemical and Transport Systems Directorate, of the National Science Foundation, Arlington, Va., Nov. 28; and presented "On Computing Reactive Flows Using Slow Manifolds" at the 54th annual meeting of the American Physical Society, Division of Fluid Dynamics, San Diego, Nov. 18-20.

Szylvia Papai, assistant professor of finance, presented "The Existence of Stable Hedonic Coalitions" at the Univ. of Montreal, Nov. 12, at the Univ. of Rochester, Nov. 28, and at Rice

University, Nov. 30; and presented "Groves Sealed Bid Auctions of Heterogeneous Objects with Fair Prices" at the NATO Advanced Research Workshop - Mathematical Theories of Allocation of Discrete Resources, Sabanci Univ., Istanbul Dec. 16-19.

Dean A. Porter, director emeritus of the Snite Museum of Art, delivered an invited lecture "Before Electricity, Taos, New Mexico," at the Eiteljorg Museum, Indianapolis, on Oct. 8; and an invited lecture, "Before Electricity [and running water], Taos, New Mexico; Blumen-schein, Higgins and Ufer," at the Dubuque Art Museum, Nov. 13.

Joseph M. Powers, associate professor of aerospace and mechanical engineering, presented an invited seminar titled "Multiscale Modeling for Combustion Systems" at Technische Universitat Berlin, Nov. 30; presented an invited seminar titled "New Methods for Simplified Chemistry in Combustion Systems" at the Imperial College of Science, Technology and Medicine in London, Dec. 5; and presented an invited lecture titled "Big Scales, Small Scales, and Rocket Engineering: New Approaches in Multiscale Mathematical Modeling of Combustion Systems" at the Combustion and Energy Centre, Univ. of Leeds, United Kingdom, in December.

Mary A. Prorok, research assistant professor of chemistry and biochemistry, was the invited speaker at Univ. of Illinois at Chicago, Dept. of Medicinal Chemistry and Pharmacognosy, where she presented "Amino Acid Requirements for Conantokin Inhibition of the NMDA Receptor," Oct. 17; and "Amino Acid Determinants of Conantokin Interaction with the NMDA Receptor," at the Society for Neuroscience, 31st annual meeting, Nov. 12., in San Diego.

Kathleen Pyne, associate professor of art history and director of the Program in Gender Studies, gave the invited paper "On O'Keeffe's Pre-History: The Woman-Child of Modernism" at the symposium "Carr, O'Keeffe, Kahlo" at the Museum of Fine Arts, Santa Fe, N. Mex., Nov. 3.

Joachim Rosenthal, professor of mathematics and concurrent professor of electrical engineering, gave the invited talk "Operator Algebras and Public Key Cryptography" at the SIAM Conference on Control and its Applications, San Diego, July 11-14; presented the semi-plenary talk "Coding Theory and Systems over Finite Fields" at the SIAM Conference on Linear Algebra in Signals, Systems and Control, Boston, Aug. 12-14; presented "Unitary Matrices with Maximal or Near Maximal Diversity Product" at the 39th annual Allerton Conference on Communication, Control, and Computing, Illinois, Oct. 3-5; presented "Claude Shannon's Three Challenges" and the seminar talk "Constructions of LDPC Codes using Ramanujan Graphs and Ideas from Margulis" at the Univ. of Illinois at Chicago, Oct. 22-23; and was an invited speaker at the third Midwest Arithmetical Geometry in Cryptography Workshop, Univ. of Illinois at Urbana-Champaign, Nov. 2-4, where he presented "One-way Trapdoor Functions from Group Actions" (joint paper with G. Maze and C. Monico).

Robert P. Schmuhl, professor of American studies and director of the Gallivan Program in Journalism, Ethics, and Democracy, discussed "The Bush Administration's Beginning" on "Extension 720" on WGN in Chicago, June 27; delivered two invited lectures on "American-Political Life Today and Tomorrow" at the Univ. of Chicago Graduate School of Business on July 25 and Aug. 23; participated in the College of Arts and Letters Saturday Scholar Series, presenting "Responses to Terrorism: Perspectives on the September 11 Tragedy," on Sept. 22, at Notre Dame; was interviewed about "The Government's Response to September 11" on *Politically Speaking* on WNIT-TV in Elkhart, Sept. 30; and was an invited participant and commentator at the *Commonweal* Magazine Colloquium "American Catholics in the Public Square," Oct. 26-28, New York.

Mark R. Schurr, assistant professor of anthropology, presented "Changes in Feeding Time with the Evolution of Food Production: Isotopic Evidence from the North American Mid-continent," coauthored with M.L. Powell, at the Society for American Archaeology 66th annual meeting, New

Orleans, April 22; coauthored the paper "Using Electron Spin Resonance to Determine the Thermal History of Maize Kernels," presented by **Robert G. Hayes**, professor of chemistry and biochemistry, at the same meeting; and presented the invited lecture "Native American Resistance and Accommodation: Archaeological Perspectives on the Removal Period" at the Cornelius O'Brien Conference, Indiana Univ., and the Division of Historic Preservation and Archaeology, South Bend, Sept. 29.

Thomas L. Shaffer, Short Professor of Law Emeritus, gave the keynote address at "Religious Faith and the Practice of Law" at the Ohio State Bar Association on Nov. 14 in Columbus; and presented "The Iron of Lawyers' Justice in America" at the Legal Profession Colloquium at Fordham Univ. in New York, Nov. 8-9.

Dennis Snow, professor of mathematics, presented "The Role of Exotic Affine Spaces in the Classification of Homogeneous Affine Varieties" at the international conference on "Interesting Algebraic Varieties Arising in Algebraic Transformation Groups Theory" held at the Erwin Schroedinger Institute for Mathematical Physics, Vienna, Oct. 20-27.

Donald E. Sporleder, FAIA, professor of architecture emeritus, participated in the annual meeting of the Hoosier Rails Trails Council, in Indianapolis, Nov. 20, where he served as chairman of the HRTC Board and presented a report on the Plymouth industrial rail trail being developed with the City of South Bend and linking with the proposed county park on the old Jackson Road landfill site; and participated in the winter quarterly meeting of the Indiana Dept. of Natural Resources Trails Advisory Board in Indianapolis, Dec. 6, where he served as vice-chair of the Board and presented a report on the LaSalle/Big Bluestem Rail trail, developed cooperatively by the Town of Roseland and St. Joseph County Parks with RTP, Recreational Trails Grant funding.

John W. Stamper, associate professor of architecture, presented "The Architecture of Copshaholm" at the Northern Indiana Center for History as part of its lecture series "Unseen Treasures" on Nov. 4.

Michael M. Stanisic, associate professor of aerospace and mechanical engineering, gave the invited lecture "A Road Through Academia in the U.S." at Nova Gorica Polytechnic, Gorica, Slovenia, Oct. 22; and gave the invited lecture "Kinematic Design of a Dextrous Manipulator" at the J. Stefan Institute, Ljubljana, Slovenia, Oct. 25.

William Strieder, professor of chemical engineering, presented "Ligand Diffusion, Receptor Binding, and Internalization; Zeroth Order Kinetics" in the Interfacial Cellular Phenomena in Biomaterials session of the American Institute of Chemical Engineers national meeting, Reno, Nev., Nov. 4-9.

Duncan Stroik, associate professor of architecture, presented "The Church as a Sacred Place" at the Univ. of Nebraska in November; and gave the Christ the King address "The Altar as the Center of the Church" at the 26th annual Christ the King dinner in Lincoln, Neb.

Richard E. Taylor, associate professor of chemistry and biochemistry, presented an invited seminar titled "Conformational Diversity Inspired by Natural Products" at Yale Univ. and at Bristol-Myers Squibb, Wallingford, Conn., Dec. 12 and 14.

Julia Adeney Thomas, associate professor of history, presented "The Art of Seeing Japanese Art" at the School of the Art Institute of Chicago, Nov. 8.

Jay Tidmarsh, professor of law, served as a moderator of a panel on the settlement of class actions at the invitation-only Class Action Conference, Oct. 22-23, at the Univ. of Chicago Law School; and presented a talk on expert witness qualifications at an Indiana Continuing Legal Education Forum seminar, Nov. 1, in Indianapolis.

Eugene Ulrich, O'Brien Professor of Theology, was invited by the Holy Synod of the Church of Greece and the United Bible Societies to lecture on "Qumran and the Greek Bible" at the international symposium on "The Septuagint in Biblical Studies and the Church" at the Penteli Monastery in Athens, Nov. 11-14; and presented "New Perspectives on the Hebrew Bible" for the session on "Directions in the Study of Ancient Judaism and Early Christianity upon Completion of the

Publication of the Dead Sea Scrolls" at the Society for Biblical Literature annual meeting in Denver, Nov. 20.

James Vanderkam, O'Brien Professor of Theology, presented a Hesburgh Lecture, "The Dead Sea Scrolls, Judaism, and Christianity," in Charleston, S.C., on Nov. 11; presented "Response to George Nickelsburg, *1 Enoch 1: A Commentary on 1 Enoch*, Chapters 1-36, 81-108, Pseudepigrapha Section," Nov. 17, "Politics of Canon at Qumran," Nov. 18, and "The Pseudepigrapha and the Dead Sea Scrolls," Nov. 20, at the SBL Annual Meeting in Denver.

Raimo Väyrynen, professor of government and international studies and senior fellow of the Kroc Institute, presented "The Ban on Conflict Diamonds and the Prevention of Violence" at the International Peace Research Institute, Oslo, on Nov. 30, and was interviewed on the Norwegian Public Radio on the same topic; presented "Karl Polanyi on Peace and War" for the Eighth International Conference of the Polanyi Society, Mexico City, Nov. 14-16; and delivered the concluding keynote address on "Crisis Management and European Security: A Synthesis" for the annual conference of the European Crisis Management Academy in Stockholm, Nov. 22-23.

John P. Welle, associate professor in of Romance languages and literatures, gave the invited paper "The Cinema of History: Film in Italian Poetry of the 1960s and 70s" at the international conference "After *i Novissimi*: Italian Poetry in the 1960s and 70s," sponsored by the British Academy and the Italian Cultural Institute of London, held at Univ. College London, Centre for Romance Studies, Oct. 12-13.

Ursula Williams, associate professional specialist and director of the Language Resource Center, presented "Field of Screams: Surviving Technology Initiatives" at the meeting of the Mid-West Association of Language Learning Technologies, Luther College, Decorah, Iowa, Oct. 19-20.

Eduardo E. Wolf, professor of chemical engineering, presented the following papers at the American Institute of Chemical Engineers (AIChE)

annual meeting, in Reno, Nev., Nov. 4-9: "Combinatorial IR Studies of Catalysts Arrays for the Preferential Oxidation of CO," with W. Li; "Understanding the Effect of Crystallite Size on the Activity of Pt Supported Catalysts; A Monte Carlo Simulation," with F. Gracia; "In Situ EXAFS and Characterization Studies of the Effect of Catalyst Preparation on the Oxidation Activity of Pt Supported Catalysts" with F. Gracia, J. Miller, and J. Kropf; "Photosensitive Semiconductor-Metal Nanocomposites Films"; and "Preparation, Surface Characterization and Electrochemical Studies," with V. Subramanian, P. Tashikov, and **Prashant Kamat**, professional specialist in the Radiation Laboratory; and presented an invited plenary lecture at the VIII Congreso Mexicano de Catalysis entitled "Metodos Combinatoriales y Estudios in-situ EXAFS y IR de Caracterizacion de Catalisadores de Pt".

Carolyn Woo, Gillen Dean and Ray and Siegfried Professor of Management, presented "Plenary Session: Grace in a Competitive World" at the annual Parish Leadership Conference, Baltimore, Nov. 8-10.

Publications

Mark S. Alber, professor of mathematics, coauthored "On Aggregation in CA Models in Biology" with A. Kiskowski, published in the *Journal of Physics A: Mathematical and General* 34 (2001): 10707-10714.

Joseph Phillip Amar, professor of semantic languages and early Christian studies, gave two keynote addresses at "A Celebration of Syriac-Maronite Identity," sponsored by the Univ. of Scranton, June 29-30, which have been published in *Diakonia* XXIV, no. 3 (The Univ. of Scranton, Fall 2001). The addresses/articles are entitled "The Interplay of Prayer and Scripture in Syriac Tradition: A Liturgical Perspective," 189-211, and "Most Blessed of All Women: Mary in the Syriac World," 212-240. "From Symbol to Truth: The Syriac Understanding of the Pascal Mystery" was published in *The Maronite Voice, The Official Publication of the Eparchy of St. Maron in the United States*

7, no. 9 (May); "On the Dormition of Mary: Early Patristic Texts," *ibid.* 7, no. 10 (June); "Holy Women of the Syrian Orient," *ibid.* 7, no. 11 (July); "Among the Copts," *ibid.* 8, no. 1 (Sept.); "From the Holy Mountain: A Journey Among the Christians of the Middle East," *ibid.* 8, no. 2 (Oct.); "Lives of the Saints: From Mary and St. Francis of Assisi to John XXIII and Mother Teresa," *ibid.* 8, no. 3 (Nov.); and "Mary, Mother of Light," *ibid.* 8, no. 4 (Dec.).

Panos J. Antsaklis, professor of electrical engineering and director of the Center for Applied Mathematics, coauthored "An Approach for Solving General Switched Linear Quadratic Optimal Control Problems" with X. Xu, published in the *Proceedings of the 40th IEEE Conference on Decision and Control* Dec. 4-7: 2478-2483; and coauthored "T-Liveness Enforcement in Petri Nets Based on Structural Net Properties" with M.V. Iordache, *ibid.*: 4984-4989.

Ani Aprahamian, professor of physics, coauthored "From Exploding Stars to the Laboratory: Nucleosynthesis in the rp-Process," with A. Teymurazyan, A. Susalla, and N. Cuka, published in the *Journal of Hyperfine Interactions* 132 (2001): 417-424.

David E. Aune, professor of theology, published "Anthropological Duality in the Eschatology of 2 Corinthians 4:16-5:10," in *Paul Beyond the Judaism/Hellenism Divide*, T. Engberg-Pedersen, ed. (Minneapolis: Fortress, 2001): 215-239; notes: 309-316; and published, with E. Stewart, "From the Ideal Past to the Imaginary Future: The Theme of Restoration in Jewish Apocalyptic Literature," in *Restoration: Old Testament, Jewish, and Christian Perspectives*, J. Scott, ed. (Leiden: Brill, 2001): 147-177.

Christine Babick, associate professional specialist in the Kellogg Institute, published "Building E-Cruiting Machines" in *Case Currents* XXVII, no. 9 (Nov/Dec): 46-50.

Joseph P. Bauer, professor of law, published the 2002 *Annual Supplement to Kintner's "Federal Antitrust Law" Treatise* (Anderson Pub. Co., Cincinnati 2002) for vol. 1: 67 pp.; vol. IV: 90 pp.; vol. V: 40 pp.; vol. VI: 82 pp.; vol. VII: 44 pp.; vol. VIII: 100 pp.; vol. IX: 66 pp.; vol. X: 68 pp.; and vol. XI: 54 pp.

Michael J. Baxter, assistant professor of theology, authored an invited article entitled "In the World But Not of It: The Editors Interview Fr. Michael Baxter," *U.S. Catholic* 66 (Aug.): 24-28; and the article "Not Outrageous Enough: Comments on George Marsden's *The Outrageous Idea of Christian Scholarship*," published in *First Things* 113 (May): 14-16.

Alicia M. Beatty, associate research professor of chemistry and biochemistry, coauthored "Reactivity of Dime-tallpentaboranes—*nido*[Cp*₂M₂B₂H₇],—with Alkynes: Insertion to Form a Ruthenocarborane (M-RuH) versus Catalytic Cyclotrimerization to form Arenes (M-Rh)" with H. Yan and **Thomas P. Fehlner**, Grace-Rupley Professor of Chemistry, published in *Angewandte Chemie International Edition* 40 (2001): 4498-4500.

James M. Bishop, research professor of physics, coauthored "Observation of pseudoscalar and axial vector resonances in $\pi\pi \rightarrow K^+K^-\pi^0$ at 18 GeV" with G. Adams, T. Adams, **Neal M. Cason**, professor of physics, E.I. Ivanov, **John M. LoSecco**, professor of physics, J.J. Manak, A.H. Sanjari, W.D. Shephard, D.L. Stienike, S.A. Taegar, and D.R. Thompson, published in *Physics Letters B* 516 (2001): 264-272.

Joseph Blenkinsopp, O'Brien Professor Emeritus of Old Testament Studies, contributed "The Household in Ancient Israel and Early Judaism" to *The Blackwell Companion to the Hebrew Bible*, L.G. Perdue, ed. (Oxford: Blackwell, 2001): 169-185.

D'Arcy J.D. Boulton, professional specialist, concurrent associate professor of history, and fellow of the Medieval Institute, has published the following articles in *Martial Arts of the World: An Encyclopedia*, T. Green, ed. (2 vols., Santa Barbara and Oxford: ABC-CLIO Press, 2001): (1) "Heralds," vol. I: 162-168; (2) "Knights," vol. I: 263-285; (3) "Orders of Knighthood, Religious," vol. I: 368-384; and (4) "Orders of Knighthood, Secular," vol. I: 384-401.

Maureen B.M. Boulton, professor of French and fellow of the Medieval Institute, has published "L'idéologie de la forme: Le Voir Dit de Guillaume de Machaut" in *Comme mon coeur désir*, *Le Livre du Voir Dit*, D. Hüe, ed., *Medievalia* no. 38 (Orléans: Paradigme, 2001): 199-207.

Jacqueline Vaught Brogan, professor of English, published "Toward an American Collective—and Beyond: The Essays of Alice Walker, June Jordan, and Adrienne Rich" in *Poetry International* 5 (2001): 134-146; coedited with G. MacLeod *Wallace Stevens Journal, Special Issue on Stevens, Rich and Merrill* 25, no. 1 (Spring): 99 pp.; published "Wrestling with 'Those Rotted Names': Wallace Stevens' and Adrienne Rich's 'Revolutionary Poetics,'" *ibid.*: 19-39; published "Naming the Thief in *Babylon*:" Elizabeth Bishop and "The Moral of the Story," in *Contemporary Literature* 42, no. 3 (2001): 514-534; and published reviews in journals, including "In Worcester, Massachusetts": Essays on Elizabeth Bishop," L.J. Menides and A.G. Dorenkamp, eds. (New York: Peter Lang, 1999) in *The Elizabeth Bishop Bulletin* 9, nos. 1 and 2 (Winter): 6; "Postmodernist Crossings: Aesthetic Strategies, Historic Moment, or a State of Mind?" a review essay of Thomas Travisano's *Midcentury Quartet: Bishop, Lowell, Jarrell, Berryman* (Univ. of Virginia Press, 1999) in *Contemporary Literature* 42, no. 1 (2001): 155-159; and "Light into Dark: A New Look at Hemingway and Race" in the *North Dakota Quarterly* 68, nos. 2-3 (2001): 199-224.

Theodore Cachey, professor of Romance languages and literatures and Ravarino Director of the Devers Program in Dante Studies, wrote "Dante's Journey Between Truth and Fiction: Geryon Revisited" published in *Atti del Seminario Dantesco Internazionalone 2000*, M. Picone, ed. (Firenze: Casati, 2001): 75-92.

Francis J. Castellino, dean of science, Kleiderer-Pezold Professor of Chemistry and Biochemistry, and director of the Center for Transgene Research, coauthored "Accelerated Skin Wound Healing in Plasminogen Activator Inhibitor-1-Deficient Mice" with J.C.Y. Chan, D.A. Duszczyszyn, and **Victoria A. Ploplis**, research associate professor of chemistry and biochemistry, published in the *American Journal of Pathology* 159 (Nov.): 1681-1688.

Kevin J. Christiano, associate professor of sociology, coauthored *Sociology of Religion: Contemporary Developments* with W.H. Swatos Jr. and P. Kivisto (Walnut Creek, Calif.: AltaMira Press and Littlefield, 2002): xiv and 365 pp.

Frederick J. Crosson, Cavanaugh Professor of Humanities Emeritus, published "American Reflections on a Century of Catholic Social Teaching" in *One Hundred Years of Philosophy*, B. Shanley, ed. (CUA Press, 2001): 75-93.

Lawrence Cunningham, O'Brien Professor of Theology, published "Religion Book Notes," in *Commonweal* cxxviii, no. 19 (Nov. 9); a review of Aprile's *Making a Heart for God in Cistercian Studies Quarterly* 36, no. 4 (2001): 539-540; "Truth and Consequences: Past or Present, Just What Makes a Martyr?" in *U.S. Catholic* (Dec.): 36; a review of *Anglo-Saxon Spirituality*, ed. by Robert Boenig, in *Horizons* xxviii (Fall): 339-340; and a review of Wendy Wright's *Sacred Heart: Gateway to God in Horizons*, *ibid.*: 346-347.

Roberto DaMatta, Joyce Professor of Anthropology, wrote and published "Basta recordar os pés das Chinesas: Notas sobre Gilberto Freyre e o Carnaval do Brasil" in *Seminário Internacional Novo Mundo nos Trópicos*, F. Quintas, ed., (Recife: Fundação Gilberto Freyre, 2001): 55-64.

Alyssa W. Dinega, assistant professor of Russian, published *A Russian Psyche: The Poetic Mind of Marina Tsvetaeva* (Madison: Univ. of Wisconsin Press, Nov.).

Keith J. Egan, adjunct professor of theology and Aquinas Chair in Catholic Theology at Saint Mary's College, published book reviews in *Spiritus* 1 no. 2 (Fall): 260-264: a review of *Light from Light: Anthology of Christian Mysticism* 2d edition, L. Dupré and J. Wiseman, eds. (New York: Paulist Press, 2001); a review of *Invitation to Christian Spirituality: An Ecumenical Anthology*, J.R. Tyson, ed. (New York and Oxford: Oxford Univ. Press, 1999); and a review of *Mystics, Visionaries and Prophets: An Historical Anthology of Women's Spiritual Writings*, S. Madigan, ed. (Minneapolis: Augsburg/Fortress).

Thomas P. Fehlner, Grace-Rupley Professor of Chemistry, published "The Relevance of the Dewar Model to Neighboring p-block Element Analogs of Metal Hydrocarbon π -Complexes" in the *Journal of Organometallic Chemistry*, 635 (2001): 92-99; "Metallaborane Reactivity. Complexities of Cobalt

Carbonyl Fragment Addition to 1,2- $\{Cp^*RuH\}_2B_3H_7$, $Cp^* = \eta^5-C_5Me_5$, and Characterization of a Diruthenium Analogue of Pentaborane(11) 1,2- $\{Cp^*Ru\}_2(CO)_2B_3H_7$," coauthored with A. DiPasquale and X. Lei, published in *Organometallics* 20 (2001): 5044-5049.

Paquita Friday, assistant professor of accountancy, published "Equity Valuation and Current Cost Disclosures: The Case of Mexico" in the *Journal of International Financial Management and Accounting* 12, no. 3, Autumn 2001.

Alexander J. Hahn, professor of mathematics, had Part I of one of his books appear in translation into Japanese, published as *Kaiseki Nyumon: arukimedesu kara nyuton e* (Basic Calculus: From Archimedes to Newton), K. Satoru, trans. (Tokyo: Springer-Verlag, 2001).

Maureen T. Hallinan, director of the Center for Research on Educational Opportunity in the Institute for Educational Initiatives, and White Professor of Sociology, published "Sociological Perspectives on Black-White Inequalities in American Schooling" in the *Sociology of Education* Extra Issue 2001: 50-70; "School as a Social System" the *International Encyclopedia of Social and Behavioral Sciences*, N. Smelser and P. Baltes, eds. (Oxford, U.K.: Elsevier Science, 2001); a review of *The Tracking Wars: State Reform Meets School Policy*, T. Loveless (Washington, D.C.: The Brookings Inst., 1999), in *Teachers College Record* 103, no. 1 (2001): 83-85, and online at *Teachers College Record* for the week of June 19, <http://www.tcrecord.org>; a review of *The Ambitious Generation: America's Teenagers, Motivated but Directionless*, B. Schneider and D. Stevenson (New Haven: Yale Univ. Press, 1999) in *Educational Researcher* 30, no. 6 (2001): 24-26.

Eugene W. Henry, professor emeritus of computer science and engineering and of electrical engineering, published "Computer Design" in *McGraw-Hill Yearbook of Science and Technology* 2002, E. Geller, ed. (New York: McGraw-Hill, 2002): 53-56.

Jennifer Herdt, assistant professor of theology, has published "Divine Compassion and the Mystification of Power: The Latitudinarian Divines in the Secularization of Moral Thought" in

The Annual of the Society of Christian Ethics 21 (2001): 1-21, and "The Rise of Sympathy and the Question of Divine Suffering" in the *Journal of Religious Ethics* 29 (2001): 367-399.

William P. Hoye, associate vice president and deputy general counsel and concurrent associate professor of law, published "Fighting Fire with . . . Mire?: Civil Remedies and the New War on State-Sponsored Terrorism" in the *Duke Journal of Comparative and International Law* 12 (Fall/Winter 2002): 101-166.

David R. Hyde, professor of biological sciences and Kenna Memorial Director of the Center for Zebrafish Research, and **Thomas S. Vihtelic**, research assistant professor, published "Arrested Differentiation and Epithelial Cell Degeneration in Zebrafish Lens Mutants" in *Developmental Dynamics* 222, no. 4 (2001): 625-636.

Frank P. Incropera, McCloskey Dean of Engineering and Brosey Professor of Mechanical Engineering, coauthored "Jet Impingement Boiling from a Circular Free-Surface Jet during Quenching: I - Single-Phase Jet," with D.E. Hall and R. Viskanta, published in *ASME Transactions, Journal of Heat Transfer* (2001): 123, 901-910; and "Jet Impingement Boiling from a Circular Free-Surface Jet during Quenching: II - Two-Phase Jet," also with D.E. Hall and R. Viskanta, *ibid.*: 911-917.

Nicholas Isherwood, visiting assistant professor of music, recorded a CD of "Xoomij" by N. Cisternino for Mode Records and a new CD of Diego Minciaccchi's "Westbau," released on Col Legno records in December.

Richard A. Jensen, professor and chair of economics, concurrent professor of finance and business economics, and Kellogg Institute fellow, published "Strategic Intrafirm Innovation Adoption and Diffusion" in the *Southern Economic Journal* 68 (2001).

Richard Jensen, guest professor of biological sciences and director of the Greene-Nieuwland Herbarium, coauthored "Allozyme Diversity in Endemic Flowering Plant Species of the Juan Fernandez Archipelago, Chile: Ecological and Historical Factors with Implications for Conservation" along with D.J. Crawford, E. Ruiz, T.F. Stuessy, E. Tepe, P. Aqueveque, F.

Gonzalez, G.J. Anderson, G. Bernardello, C.M. Baeza, U. Swenson, and M. Silva O., published in the *American Journal of Botany* 88 (2001): 2195-2203.

Barry Keating, professor of finance, published "Economic Dimensions of Telecommunications Access" in the *International Journal of Social Economics* 28 no. 10, Nov. 12.

James Kolata, professor of physics, coauthored "Proton Elastic Scattering from 7Be at Low Energies" with G.V. Rogachev, F.D. Becchetti, P.A. DeYoung, M. Hencheck, K. Helland, J.D. Hinnefeld, B. Hughey, P.L. Jolivet, L.M. Kiessel, H.-Y. Lee, M.Y. Lee, T.W. O'Donnell, G.F. Peaslee, D. Peterson, D.A. Roberts, P. Santi, and S.A. Shaheen, published in *Physical Review C* 64 (2001): 061601(R); and "Doubling of α -cluster States in ^{22}Ne " with G.V. Rogachev, V.Z. Goldberg, T. Lönnroth, W.H. Trzaska, S.A. Fayans, K.-M. Källman, M. Mutterer, M.V. Rozhkov, and B.B. Skorodumov, *ibid.*: 051302(R).

Donald P. Kommers, Robbie Professor of Government and International Studies and concurrent professor of law, wrote "Autonomy Versus Accountability: The German Judiciary," published in *Judicial Independence in the Age of Democracy: Critical Perspectives From Around the World*, P.H. Russell and D.M. O'Brien, eds. (Univ. Press of Virginia, 2001): 131-154; "Fundamental Rights and Duties Under the U.S. Constitution," published in *Fundamental Rights in Europe and North America*, A. Weber, ed., (The Hague: Kluwer Law International, 2001): 83-93; and "An Introduction to the Federal Constitutional Court," published in *German Law Journal* 2 (2001): 1-8. He was also invited to write the foreword to E. Eberle, *Dignity and Liberty* (Westport, Ct.: Greenwood Press, 2002).

Thomas Lehman, assistant librarian, coauthored "Electronic Reserves and WebCT: Using Courseware to Implement Electronic Reserves at the University Libraries of Notre Dame" with A.B. Bales, C.L. Taylor, and M.L. Havert, published in *Journal of Interlibrary Loan, Document Delivery and Information Supply* 11, no.4 (2001): 37-50.

Lawrence C. Marsh, associate professor of economics, published *Spline Regression Models* (Sage Publications, Inc., 2001).

John E. Matthias, professor of English, published "Two Poems by Jesper Svenbro: 'The Phonetics of Resistance' and 'Classics Experiment,'" translated with L.-H. Svensson, *Pleiades* 22, no. 1 New Series 18 (Winter 2002): 32-33; "Eight Poems by Jesper Svenbro, with an Introduction," translated with L.-H. Svensson, in *Verse* 18, nos. 2 and 3 (Fall 2001): 122-132; and "Five Poems by Jesper Svenbro: 'Three-toed Gull,' 'Sunlight on the Sound,' 'The Idea of the Sound,' 'Sound Image,' 'Stalin as Wolf,'" translated with L.-H. Svensson in *Modern Poetry in Translation* 18 (Fall 2001): 172-177.

Richard P. McBrien, Crowley-O'Brien Professor of Theology, published "Revisiting Caesar's Coin: Religion and Public Policy Today" in *Second Opinion* 8 (October 2001): 4-13, and *Catholicism: Part IV: The Church* (Shanghai: Guang Qi Press, 2000): 298 pages.

Ralph McInerny, professor of philosophy, wrote the preface and translation of *The Conversion of Edith Stein*, by F. Gaboriau (St. Augustine's Press: South Bend): 136 pages.

Martha Merritt, assistant professor of government, authored "Fragments of Empire and Baltic Integration: Lessons for Building Tolerance" in *Minorities and Tolerance*, S.A.-M. Crisen, ed., (Washington, D.C.: Woodrow Wilson International Center for Scholars, 2001): 54-60. An excerpt from this paper was reprinted as the lead article in *ASNews* (Newsletter for the Association for the Study of Nationalities) 7, no. 1 (Fall 2001): 1, 7-9., as "Fragments of Empire: Baltic Lessons for Building Tolerance."

Anthony N. Michel, Freimann Professor of Engineering, published "Ordinary Differential Equations" in the *Encyclopedia of Physical Science and Technology* vol. 4, 3rd edition, R.A. Mayers, ed. (New York: Academic Press, 2001): 373-406; "Stability Analysis of Switched Systems with Stable and Unstable Subsystems: An Average Dwell Time Approach," coauthored with G. Zhai, B. Hu, and K. Yasuda, in the *International Journal of Systems Science* 32, no. 8

(Aug.): 1055-1061; "Disturbance Attenuation Properties of Time-Controlled Switched Systems," coauthored with G. Zhai, B. Hu, and K. Yasuda, in the *Journal of the Franklin Institute* 338, no. 7 (2001): 765-779; and "Stability Analysis of Pulse-Width-Modulated Feedback Systems," coauthored with L. Hou, in *Automatica* 37, no. 9 (Sept.): 1335-1349.

Juan C. Migliore, professor of mathematics, coauthored "Gorenstein Liaison, Complete Intersection Liaison Invariants and Unobstructedness" with J.O. Kleppe, R. Miro-Roig, U. Nagel, and C. Peterson, published in *Memoirs of the American Mathematical Society* 154, no. 732 (2001): viii + 116; and "Bezout's Theorem and Cohen-Macaulay Modules" with U. Nagel, and C. Peterson, published in *Mathematics Z*, 237, no. 2 (2001): 373-394.

Jennifer E. Nemecek, assistant dean, College of Arts and Letters, coauthored "International Study in Premedical Education" with A.K. Anderson and **Rudolph M. Navari**, associate dean, College of Science, preprofessional studies, published in *Academic Medicine* 76, No. 11 (2001): 1158.

William O'Rourke, professor of English, published "T. Rex: A Bumptious President Crashing Through His Age" for the *Chicago Sun Times* section "Book Week" (Nov. 18): 14D; and "What We Saw: How Television Shaped the September 11 Story" in *Commonweal* 128, no.18 (Oct. 26).

Timothy C. Ovaert, professor of aerospace and mechanical engineering, coauthored "The Transient Temperature Distribution in a Heavy Duty Drum Brake System During Fatigue Crack Testing" with J. Pan, published in SAE Transactions, *Journal of Passenger Cars - Mechanical Systems* 109, no. 6 (2000): 529-534.

Samuel Paolucci, professor of aerospace and mechanical engineering, coauthored "On the Use of the Level Set Method with Unstructured Grids" with S.V. Shepel, published in the *Proceedings of the 2001 ASME International Mechanical Engineering Congress and Exposition* (on CD, vol. 1), A.H. Arastu and F.J. Moody, eds. (New York: ASME, 2001): 1-6; "Numerical Solution of Alloy Solidification and Columnar Eutectic Growth Using a Phase-Field Model" with

Ward Judson, *ibid.*: 1-10; "On Computing Reactive Flows Using Slow Manifolds" with **Joseph M. Powers**, associate professor of aerospace and mechanical engineering, and S. Singh, published in the *Bulletin of the American Physical Society* 46, no. 10 (2001): 188; and "Linear and Weakly Nonlinear Stability Theory of Non-parallel Flows" with R.V. Krechetnikov, published in the *Bulletin of the American Physical Society* 46, no. 10 (2001): 22-23.

Mark C. Pilkinton, professor of film, television, and theatre, wrote "From Picture to Word to Picture in Tudor and Stuart England: Getting to the Word" and "The True Temptation of Christ: 'To Suffryr temptacion it is grett peyn'" in *Theatre and Religion* 4, (Summer 2001): 25-32 and 176-184.

Jean Porter, O'Brien Professor of Theology, published "Natural Equality: Freedom, Authority and Obedience in Two Medieval Thinkers" in *The Annual of the Society of Christian Ethics* 21 (2001): 275-304.

Terrence W. Rettig, professor of physics, coauthored "Organic Composition of C/1999 S4 (Linear): A Comet Formed Near Jupiter" with M. Mumma, N. Dello Russo, M. DiSanti, K. Magee-Sauer, S. Brittain, I.S. McLean, D.C. Reuter, and L.-H. Xu, published in the *Journal of Science* 292 (2001): 1334-1339; and "Comet Shoemaker-Levy 9 Dust Size and Velocity Distributions" with J.M. Hahn, published in *ICARUS* 146, no. 2 (2000): 501-513.

J. Keith Rigby Jr., professor of civil engineering and geological sciences, coauthored "Geology of the McRae Springs Quadrangle, McCone County, Northeastern Montana," with J. Keith Rigby and C. Blair Linford, in *BYU Geology Studies*, 26 (2001): 75-91.

Mark R. Schurr, assistant professor of anthropology, coauthored with M.J. Schoeninger "Stable Isotope Evidence for Wickliffe Subsistence Practices," published in *Excavations at Wickliffe Mounds*, K.W. Wesler, ed. (Tuscaloosa: Alabama Univ. Press) CD ROM; and coauthored "The Thermal History of Maize Kernels Determined by Electron Spin Resonance" with **Robert G. Hayes**, professor of chemistry and biochemistry, and L. Bush, published in *Archaeometry* 43 (2001): 407-419.

Thomas L. Shaffer, Short Professor of Law Emeritus, wrote "The Radical Reformation and the Jurisprudence of Forgiveness," published in *Christian Perspectives on Legal Thought*, M.W. McConnell, R.F. Cochran Jr., and A.C. Carmella, eds. (Yale Univ. Press, 2001): 321-339; and "The Radical Reformation and the Jurisprudence of Forgiveness," in *Christian Perspectives on Legal Thought*, M.W. McConnell, R.F. Cochran Jr., and A.C. Carmella, eds. (Yale University Press, 2001): 321-339.

William Strieder, professor of chemical engineering, published "Ligand Diffusion and Receptor Mediated Internalization: Michaelis-Menton Kinetics" with M. Maalmi and **Arvind Varma**, Schmitt Professor of Chemical Engineering, in the *Journal of Chemical Engineering Science* 56 (2001): 5609-5616.

Duncan Stroik, associate professor of architecture, authored "The Altar as the Center of the Church" published in *Architettura e Arti per la Liturgia, Atti del V Congresso Internazionale di Liturgia*, E. Carr, ed.; and "A House of Worship Divided" for *Our Sunday Visitor*, Dec. 2.

Mark A. Suckow, director of the Freimann Life Science Center, edited *Management of Laboratory Animal Care and Use Programs* (CRC Press: 2001): 383, and wrote the chapter "Animal Health and Medicine."

J. Kerry Thomas, professor of chemistry and biochemistry, published "Photoinduced Reactions in Zeolites: Kinetic Motion, Environment, and Charge Stabilization" in the *International Journal of Photoenergy* 3 (2001): 1-8.

Eugene Ulrich, O'Brien Professor of Theology, published "The Developmental Composition of the Book of Isaiah: Light from 1QIsa-a on Additions in the MT" in *Dead Sea Discoveries* 8 (2001): 288-305.

James Vanderkam, O'Brien Professor of Theology, published "Questions of Canon Viewed Through the Dead Sea Scrolls" in the *Bulletin for Biblical Research* 11 (2001): 269-292.

Robert P. Vecchio, Schurz Professor of Management, published "Moderators of the Influence of Supervisor-Subordinate Similarity on Subordinate Outcomes," coauthored with C. Bullis,

in the *Journal of Applied Psychology* (2001).

Administrators' Notes

Activities

Scott Siler, director of Alumni Information Technologies, presented "Irish Online: Features and Marketing" to the eAlumni 2001 Fall Conference, Boston, Nov. 5-6.

Publications

Alan S. Bigger, director of Building Services, coauthored "Appearance at All Costs: The Case Against the Greasy Spoon or the Hole-in-the-Wall" with L.B. Bigger, published in *Executive Housekeeping Today* 22, no. 12 (Dec.): 5-6.

Bob Foldesi, associate vice president for human resources, edited *Contemporary Reading in Higher Education Compensation Practices* (College and University Professional Association for Human Resources, 2001).

Documentation

James A. Burns, C.S.C., Graduate School Award

Nominations are requested for the James A. Burns, C.S.C. Graduate School Award, given annually to a faculty member for distinction in graduate teaching or other exemplary contributions to graduate education. Contributions can be in any or all of the following areas: Building or developing a graduate program, teaching quality graduate courses, excellence as an adviser or thesis director, and excellence in service as a director of graduate studies or in any other similar position. This honor will be presented at the President's Dinner for the faculty in May, and the recipient will receive a citation and cash prize.

The nomination packet should include four letters of support (two from students and two from faculty) but no more than six, and a copy of the nominee's CV. All documentation should be sent to the department chair, who will forward all documentation to the Graduate School by Friday, March 8, 2002.

The first Notre Dame president with an advanced degree, a doctorate from the Catholic University of America, Father Burns was the leading reformer of Catholic education in this country in the first quarter of the 20th century. One of his most significant contributions was to raise academic standards by recruiting faculty with doctoral degrees.

James A. Burns, C.S.C., Graduate School Award Winners Since 1990

1989-90 Rev. Ernan McMullin
1990-91 Lawrence Marsh
1991-92 Wilhelm Stoll
1992-93 Scott Maxwell
1993-94 Joan Aldous
Francis J. Castellino
1994-95 Robert C. Johansen
Kwang-Tzu Yang
1995-96 Jeanne D. Day
1996-97 Arvind Varma
1997-98 Dave Leege
Thomas Mueller
1998-99 Gail Bederman
1999-00 Katherine O'Brien O'Keeffe
2000-01 Thomas Nowak

Research Achievement Award Nominations Sought

Nominations are requested for a new award to honor a distinguished Notre Dame faculty member who has made significant contributions to scholarship in his/her discipline and to the research and education goals of the University.

The deans of each of the colleges may nominate two full-time faculty members, currently active in research and teaching. In addition to a copy of the nominee's résumé, each nomination should include a two-page letter that addresses the selection criteria:

- Evidence of the nominee's commitment to his/her profession and efforts to further the University's research and scholarship mission.
- The nominee's past research accomplishments and future research potential.
- Demonstration of universal recognition as a research leader.

The vice president for graduate studies and research will appoint a committee to review the nominations. The committee will include one member from each of the colleges and will make recommendations to the vice president for graduate studies and research, who will select the winner.

The award will consist of a plaque and a \$10,000 award placed in a discretionary research account for the recipient's use. The winner will be announced at the President's Faculty Dinner.

Nominations must be received by the vice president for graduate studies and research, 416 Main Building, no later than March 8.

Research Achievement Award Winner

2000-01 Arvind Varma

Faculty Award Nominations Sought

Established in the 1927-28 academic year by the Alumni Association, the Faculty Award singles out that faculty member who, in the opinion of his or her colleagues, has contributed outstanding service to the University of Notre Dame. Each year a selection committee, composed of prior winners and representing the colleges and the Law School, studies the recommendations submitted by former recipients of this award, the deans, and individual faculty members, and selects a winner.

Faculty Award Winners Since 1960

1959-60 Otto Bird
1960-61 John Frederick
1961-62 Milton Burton
1962-63 Stephen Kertesz
1963-64 Raymond Gutschick
1964-65 Matthew Fitzsimons
1965-66 Bernard D. Cullity
1966-67 John Magee
1967-68 Rev. Charles E. Sheedy, C.S.C.
1968-69 Bernard Waldman
1969-70 James Massey
1970-71 Thomas Stritch
1971-72 Ernest Sandeen
1972-73 Rev. Ernan McMullin
1973-74 Robert E. Rodes Jr.
1974-75 Herbert E. Sim
1975-76 Ronald Weber
1976-77 Walter Miller
1977-78 J. Philip Gleason
1978-79 K.-T. Yang
1979-80 Frederick J. Crosson
1980-81 Jeremiah P. Freeman
1981-82 Morris Pollard
1982-83 James Kohn
1983-84 John Malone
1984-85 Rudy Bottei
1985-86 Rev. David Burrell, C.S.C.
1986-87 Paul Weinstein
1987-88 Ray Powell
1988-89 Robert A. Leader
1989-90 Edward J. Murphy
1990-91 Eugene Henry
1991-92 George B. Craig Jr.
1992-93 Lee Tavis
1993-94 Sonia Gernes
1994-95 Ralph McInerney
1995-96 Carol Ann Mooney
1996-97 William B. Berry
1997-98 George S. Howard
1998-99 Frank Reilly
1999-00 John Borkowski
2000-01 Yusaku Furuhashi

Reinhold Niebuhr Award Nominations Sought

Rev. Theodore M. Hesburgh, C.S.C., and Chancellor Willy Brandt of West Germany were the first recipients of Reinhold Niebuhr awards sponsored by friends of the Protestant theologian and author. Receiving this award in September 1972, at ceremonies at Union Theological Seminary in New York City, Father Hesburgh announced the establishment of a Reinhold Niebuhr Award at the University of Notre Dame. This award is made annually to a student, faculty member, or administrator whose life and writings promote or exemplify the area of social justice in modern life. The initial award to Father Hesburgh was \$5,000. This he turned over to the Notre Dame endowment to underwrite an annual cash award of \$250 for the winner of this campus honor. The selection committee includes representatives from the colleges and the Law School, Campus Ministry, Center for Social Concerns, rectors, Ladies of Notre Dame, and the student body. All members of the Notre Dame community are invited to submit recommendations for this award.

Reinhold Niebuhr Award Winners

1973 Msgr. John J. Egan
1974 CILA (Community for the International Lay Apostolate)
1975 George N. Shuster
1976 Rev. Louis Putz, C.S.C.
1977 Mr. and Mrs. Arthur Quigley
1978 Thomas P. Borden
1979 Rev. William Toohey, C.S.C.
1980 Rev. Don McNeill, C.S.C.
1981 Charles K. Wilbur
1982 Kenneth and Penny Jamieson
1983 Julian Pleasants
1984 John W. Hock and Oliver F. Williams, C.S.C.
1985 James Sterna
1986 John H. Yodel
1987 Stephen Borland
1988 Denis Goblet
1989 Sharon Lynn O'Brien
1990 John J. Gilligan
1991 Thomas and Nancy Shafer
1992 Patrick E. Murphy
1993 John Borkowski
1994 Bernard Doering
1995 Rev. Richard McCormick, S.J.

1996 Rev. William M. Lewers, C.S.C.
1997 Rev. Joseph D. Ross, C.S.C.
1998 Lee Tavis
1999 Robert E. and Jeanne Rodes
2000 Kathleen Maas Weigert
2001 Dinah Shelton and R. Scott Appleby

Grenville Clark Award Nominations Sought

On October 20, 1978, Father Hesburgh was one of three recipients of the Grenville Clark Prize, an award given every three years by the Grenville Clark Fund at Dartmouth College. Following the procedure established when he won the Reinhold Niebuhr Award in 1972, Father Hesburgh donated the \$5,000 Clark stipend to the Notre Dame endowment to underwrite a cash prize of \$250 to be awarded each year. This award is made to a faculty member, administrator, or student whose volunteer activities serve to advance the cause of peace and human rights to which Grenville Clark devoted his extraordinary life of public service. The selection committee includes representatives from the colleges and Law School, Campus Ministry, Center for Social Concerns, rectors, Ladies of Notre Dame, and the student body. All members of the Notre Dame community are invited to submit recommendations for this award.

Grenville Clark Award Winners

1977 Peter Walshe
1978 James and Mary Ann Roemer
1981 Sr. Judith Ann Beattie, C.S.C.
1982 Kenneth W. Milani
1983 Peggy Roach
1984 The Notre Dame Legal Aid and Defender Association
1985 Cecil and Mary Mast
1986 Rev. Robert F. Griffin, C.S.C.
1987 Conrad Kellenberg
1988 D'Arcy Chisholm and David Link
1989 Lloyd and Shelly Ketchum Kevin and Kathy Misiewicz
1990 Peter Morgan and Sr. Anne Giarrante, O.S.F.
1991 Kathleen Maas Weigert and Dolores Tantoco-Stauder
1992 Rev. H. Thomas McDermott, C.S.C.

1993	Michael and Christine Etzel
1994	Bro. Bonaventure Scully, C.F.X.
1995	Eugene J. McClory
1996	Jennifer A. Morehead Matthew Fitzgerald
1997	Thomas V. Merluzzi
1998	Jerry and Marge Marley
1999	Teresa Phelps
2000	Dave Kirkner
2001	Roger Jacobs

Folk Award Nominations Sought

The Reverend Paul J. Folk Award Committee invites nominees for the award, which is given annually to a library faculty member who has contributed significantly to library service to the Notre Dame community or to the library profession through personal scholarship or involvement in professional associations. The award is named for the Holy Cross priest who served as director of Notre Dame's library from 1912 to 1924 and was a leading figure in the library profession in the first quarter of the twentieth century. It is among those announced at the President's faculty dinner in May. Previous winners, beginning with the first award in 1991, include Maureen Gleason, Robert Havlik, Joseph Huebner, Rafael Tarrago, Janis Johnston, Charlotte Ames, Dwight King, Jr., Stephen Hayes, Katharina Blackstead, Margaret Porter, and Lucy Salsbury Payne.

All members of the University Libraries' and Law Library faculty with two or more years' service are eligible. Prof. Philip Quinn, philosophy, will chair this year's committee. Please send letters of nomination to the Reverend Paul J. Folk Award Committee, c/o Melodie Eiteljorge, 221 Hesburgh Library, by March 8. Such letters should include reasons for considering the nominee for this award.

2001 University Libraries Faculty (2 years or more tenure)

Charlotte Ames, librarian; Catholic Americana librarian
J. Douglas Archer, associate librarian; Reference Desk Service
Laura Bayard, associate librarian; head, catalog and database maintenance

Cataloging

Joanne Bessler, librarian; assistant director for user services
Katharina Blackstead, librarian; library advancement officer
Fernandre Boze, associate librarian; PC/network coordinator, library systems
Bartley Burk, assistant librarian; social sciences cataloger
Jane Devine, associate librarian, arts and architecture
Elizabeth Dube, staff librarian, preservation librarian
Mary English, associate librarian; medieval studies original cataloger
Laura Fuderer, associate librarian; subject librarian for English and French literatures
Stephen Hayes, librarian; business services librarian
Richard Jones, librarian; music librarian
Louis Jordan, librarian; head, Dept. of Special Collections and Medieval Institute Library
Alan Krieger, associate librarian; theology/philosophy/history subject librarian
Robert Kusmer, assistant librarian, humanities/German language cataloger
Thomas Lehman, assistant librarian; head, copy cataloging, Cataloging Dept.
Michael Lutes, associate librarian; public documents librarian, Reference Dept.
Thurston Miller, associate librarian; chemistry, physics librarian
G. Margaret Porter, librarian; coordinator of reference support services, Reference Dept.
Carole Richter, assistant librarian, coordinator of electronic reference services
Joseph Ross, staff librarian; rare book cataloger
Kathryn Ryan-Zeugner, associate librarian; interlibrary loan and reference librarian
Linda Sharp, assistant librarian; reference librarian
Laura Sill, associate librarian, Systems Dept.
Marina Smyth, associate librarian; Medieval Institute librarian
Donna Stevenson, assistant librarian; Web services librarian
Marsha Stevenson, librarian; head, Reference Dept.
Carol Szambelan, associate librarian; engineering librarian

Cameron Tuai, staff librarian; business services librarian
Scott VanJacob, associate librarian; Iberian and Latin American Studies subject librarian
Lorenzo Zeugner, associate librarian; head, Acquisitions Dept.

Law Library Faculty

Dwight King, librarian; head, Research Dept.
Carmela R. Kinslow, assistant librarian and head of access services
Sandra Klein, associate librarian in technical services
Patti J. Ogden, librarian in Research Dept.
Lucy Salsbury Payne, librarian in Research Dept.
Warren Rees, librarian in Research Dept.
Joseph W. Thomas, associate librarian and head of technical services

Corrections and Additions to Issue No. 4

The listing for **Andrew J. McKenna**, under Life Trustees (page 4-50), should indicate that he is *Chairman Emeritus*.

Under the Administration listings for the Law School (page 4-56), the following should be added:

Julia B. Meister

Director of Student Services

Under Officers of the University (page 4-52) and under President (page 4-52), the following should appear:

Louis M. Nanni

Vice President for Public Affairs and Communication

and the listing for **Philip J. Iapalucci Jr.** should indicate his degrees: M.B.A., C.P.A.

Under the Administration listings, Executive Vice President (page 4-53), the following should be added:

Michael D. Seamon, M.B.A.
Executive Assistant to the
Executive Vice President

Under Reserve Officers' Training Corps—Chairpersons (page 4-60), the listing for Capt. Casey should be replaced with the following:

Capt. J.M. Shelton, M.A.
Dept. of Naval Science

Under Committees (p. 4-70), the following is the new student member of the University Committee on Women, Faculty and Students:

Willow Wetherall, Graduate Representative 2002

The listing for **Gretchen Reydam-Schils** should indicate that she is a full professor.

Under Committees, the **University Committee on the Academic Code of Honor** should include:

Rachel Smith, College of Arts and Letters 2002

James Stevens, College of Arts and Letters 2002

The following are updated, corrected, or additional faculty listings:

PANAGIOTIS J. ANTSAKLIS, H.C. and E.A. Brosey Professor of Electrical Engineering, and Director, Center for Applied Mathematics. Dipl., National Tech. Univ. of Athens, 1972; Sc.M., Brown Univ., 1974; Ph.D., *ibid.*, 1977 (1980).

REV. NICHOLAS R. AYO, C.S.C., Professor in the Program of Liberal Studies. A.B., Univ. of Notre Dame, 1956; S.T.L., Gregorian Univ., 1960; M.A., Univ. of Notre Dame, 1962; Ph.D., Duke Univ., 1966 (1981).

***REV. ERNEST J. BARTELL, C.S.C.**, Professor Emeritus of Economics and Fellow, Helen Kellogg Institute of International Studies. Ph.B., Univ. of Notre Dame, 1953; A.M., Univ. of Chicago, 1954; M.A., Holy Cross College, 1961; Ph.D., Princeton Univ., 1967 (1961, 1966, 1980).

MAUREEN B.M. BOULTON, Professor of Romance Languages and Fellow of the Medieval Institute. B.A. College of New Rochelle, 1970; M.A., University of Pennsylvania, 1972; Ph.D., *ibid.*, 1976; M.Litt., University of Oxford, 1980 (1985).

KEITH R. BRADLEY, Eli J. Shaheen Professor of Classics and Concurrent Professor in the Dept. of History. B.A., Sheffield Univ., 1967; M.A., *ibid.*, 1968; B.Litt, Oxford Univ., 1970; Litt.D., Sheffield Univ., 1997 (2001).

LISA BRINKMEYER, Adjunct Instructor in the Alliance for Catholic Education in the Institute for Educational Initiatives. B.A., Univ. of Iowa, 1990; M.A., *ibid.*, 1994 (2001).

JANICE E. BRUNNER, Adjunct Instructor in the Alliance for Catholic Education in the Institute for Educational Initiatives. A.B., Chestnut Hill College, 1963; M.A.T., Univ. of Notre Dame, 1964 (2001).

LEO FRANCIS BURKE, Professional Specialist and Associate Dean, Executive Programs, Mendoza College of Business, and Concurrent Professor in the MBA Executive Education Program. B.A., Univ. of Notre Dame, 1970; M.A., Indiana Univ., 1979; M.S., Aurora Univ., 1988 (2000).

BARBARA A. CARLSON, Adjunct Instructor in the Alliance for Catholic Education in the Institute for Educational Initiatives. B.A., Saint Mary's College, 1967; M.S., Indiana Univ., 1983 (2001).

KATHLEEN ANN COLLINS, Fellow in the Kellogg Institute for International Studies and Assistant Professor of Government and International Studies. B.A., Univ. of Notre Dame, 1993; M.A., Stanford Univ., 1995; Ph.D., *ibid.*, 2000 (2001).

ADELA CORTINA, Visiting Associate Professor, Institute for Latino Studies. M.A., Univ. of Valencia, 1982 (2002).

* **LEO A. DESPRES**, Professor Emeritus of Anthropology and Fellow in the Helen Kellogg Institute of International Studies. B.A., Univ. of Notre Dame, 1954; M.A., *ibid.*, 1956; Ph.D., Ohio State Univ., 1960 (1974).

PAULO S.R. DINIZ, Visiting Professor of Electrical Engineering. B.A., Federal Univ. of Rio de Janeiro, 1978; M.S., *ibid.*, 1981; Ph.D., Concordia Univ., 1984 (2002).

CARYN S. ELLISON, Adjunct Instructor in the Alliance for Catholic Education in the Institute for Educational Initiatives. B.S., Central Michigan Univ., 1973; M.S., Indiana Univ. Purdue Univ., 1984 (2001).

ALMA CLARA GARCIA, Visiting Fellow, Institute for Latino Studies. M.A., Univ. Javeriana, 1983 (2001).

TERESA GHILARDUCCI, Associate Professor of Economics, Director of the Higgins Labor Research Center, Fellow in the Nanovic Institute for European Studies, Fellow in the Joan B. Kroc Institute for International Studies, and Fellow in the Helen Kellogg Institute for International Studies. A.B., Univ. of California, Berkeley, 1978; Ph.D., *ibid.*, 1984 (1983).

ROBERT G. HAYES, Professor of Chemistry and Biochemistry. B.S., Univ. of Pittsburgh, 1958; Ph.D., Univ. of California, Berkeley, 1961. (1961)

IVAN A. JAKSIC, Professor of History and Fellow in the Helen Kellogg Institute for International Studies. B.A., Univ. de Chile, 1975; M.A., State Univ. of New York, Buffalo, 1978; M.A., *ibid.*, 1981; Ph.D., *ibid.*, 1981 (1994).

ROBERT C. JOHANSEN, Professor of Government and International Studies and Fellow in the Helen Kellogg Institute for International Studies. B.A., Manchester College, 1962; M.A., Columbia Univ., 1963; Ph.D., *ibid.*, 1968 (1986).

TRACY D. KNOX, Adjunct Assistant Professor of Accountancy. B.S., U.S. Military Academy, 1984; J.D., Univ. of Notre Dame, 1991. (2000).

MARSHA A. KUFEL, Assistant Professional Specialist and Fellow in the Institute for Educational Initiatives. B.S., Bowling Green State Univ., 1975; M.Ed., *ibid.*, 1982 (1999).

ALBERT H. LEMAY, Professional Specialist, Coordinator of the Puebla Mexico Program, and Fellow in the Helen Kellogg Institute for International Studies. B.A., Providence College, 1959; M.A., Middlebury College, 1960; Ph.D., Indiana Univ., 1971 (1984).

GILBERT D. LOESCHER, *Professor of Government and International Studies, Fellow in the Joan B. Kroc Institute for International Peace Studies, and Fellow in the Helen Kellogg Institute for International Studies*. B.A., St. Mary's College, California, 1967; M.A., Monterey Institute of Foreign Studies, 1969; Ph.D., London School of Economics and Political Science, 1975 (1975).

JAMES J. MCKENNA, *Chair and Rev. Edmund P. Joyce, C.S.C. Professor of Anthropology*. A.B., Univ. of California, Berkeley, 1970; M.A., San Diego State Univ., 1972; Ph.D., Univ. of Oregon, 1975 (1997).

GARTH MEINTJES, *Associate Professional Specialist in the Law School, Associate Director in the Center for Civil and Human Rights, and Fellow, Kellogg Institute for International Studies*. B.A., Univ. of Stellenbosch, 1986; LL.B., Univ. of Cape Town, 1989; LL.M., Univ. of Notre Dame, 1991 (1991).

JUAN E. MÉNDEZ, *Professor of Law, Director of the Center for Civil and Human Rights, and Fellow, Helen Kellogg Institute for International Studies*. Law Degree, Stella Maris Catholic Univ., Argentina, 1970; Certificate, Washington College of Law, American Univ., 1980 (1999).

SR. JUDITH MURPHY, O.S.B., *Visiting Fellow, Institute for Latino Studies*. B.A., Mundelein College, 1967; M.A., Loyola Univ., 1979 (2002).

MARY B. NICOLINI, *Adjunct Instructor in the Alliance for Catholic Education in the Institute for Educational Initiatives*. B.A., Indiana Univ.-Purdue Univ., 1987; B.S., *ibid.*, 1987; M.S., *ibid.*, 1994 (2001).

AMY O'BRIEN, *Adjunct Instructor in the Alliance for Catholic Education in the Institute for Educational Initiatives*. B.A., Univ. of Notre Dame, 1988; M.A., *ibid.*, 1996 (2001).

MARIA PALOMA PAJARES AYUELA, *Associate Professor of Architecture*. M. Arch, Yale Univ., 1989; Ph.D., Univ. Politecnica de Madrid, 1997 (2000).

DOROTHY O. PRATT, *Assistant Professional Specialist, Concurrent Assistant Professor of History, and Assistant Dean of the College of Arts and Letters*. B.A., Vanderbilt Univ., 1971; M.A., Brigham Young Univ., 1985; M.A., Univ. of Notre Dame, 1995; Ph.D., *ibid.*, 1997 (1999).

GRETCHEN J. REYDAMS-SCHILS, *Professor of Liberal Studies*. B.A., Catholic Univ. of Leuven, 1987; M.A., Univ. of Cincinnati, 1989; Ph.D., Univ. of California, Berkeley, 1994 (1994).

JAMES A. SCHMIDT, *Adjunct Instructor in the Alliance for Catholic Education in the Institute for Educational Initiatives*. B.A., Indiana Univ. Purdue Univ., 1989 (2001).

DAVID M. SHRIBMAN, *Adjunct Instructor in American Studies*. A.B., Dartmouth College, 1976 (2002).

SHANNON SPEED, *Visiting Fellow, Institute for Latino Studies, and Concurrent Assistant Professor in the Dept. of Anthropology*. B.A., San Francisco State Univ., 1989; M.A., Univ. of Texas, Austin, 1992; M.A., Univ. of California, Davis, 1996 (2001).

KATHLEEN SPROWS CUMMINGS, *Professional Specialist, Cushwa Center for the Study of American Catholicism, and Concurrent Assistant Professor in the Department of History*. B.A., Univ. of Scranton, 1993; M.A., Univ. of Notre Dame, 1994; Ph.D., *ibid.*, 1999 (2001).

YUKIO TAMURA, *Visiting Professor of Civil Engineering and Geological Sciences*. B.E., Waseda Univ., 1969; M.D., *ibid.*, 1971; Ph.D., *ibid.*, 1980 (2002).

WEIDONG WAN, *Visiting Instructor in Music*. B.A., Xiamen Univ., 1982; M.B.A., Berry College, 1989 (2002).

HANNELORE H. WEBER, *Assistant Professional Specialist in German and Russian Languages and Literatures*. B.A., Mount Mary College, 1966; M.A., Univ. of Notre Dame, 1994 (1991).

ANDREW J. WEIGERT, *Professor of Sociology*. B.A., St. Louis Univ., 1958; M.A., *ibid.*, 1960; B.A., Woodstock College, 1964; Ph.D., Univ. of Minnesota, 1968 (1968).

JOHN WIBBENS, *Adjunct Instructor in the Alliance for Catholic Education in the Institute for Educational Initiatives*. B.S., Ball State Univ., 1974; M.S., Indiana Univ., South Bend, 1980 (2001).

* **CHARLES K. WILBER**, *Professor Emeritus, Director of Graduate Studies, Joan B. Kroc Institute for International Peace Studies, and Fellow in the Helen Kellogg Institute for International Studies*. B.A., Univ. of Portland, 1957; M.S., *ibid.*, 1960; Ph.D., Univ. of Maryland, 1966 (1975).

RICHARD D. WOODS, *Visiting Professor of Civil Engineering and Geological Sciences*. B.S., Univ. of Notre Dame, 1957; M.S., *ibid.*, 1962; Ph.D., Univ. of Michigan, 1967 (2002).

FRANCISCO J. ZAPATA, *Visiting Professor in the Dept. of Sociology and Visiting Fellow in the Kellogg Institute for International Studies*. B.A., Lycées Français de New York, 1964; Licenciatura, Catholic Univ. of Chile, 1968; Ph.D., Univ. of Paris (2002).

CAPT. WILLIAM A. ZIMMERMAN, *Assistant Professor of Aerospace Studies*. B.A., St. Leo College, 1988; M.A., George Washington Univ., 1993; M.A., Univ. of Massachusetts, Lowell, 2000 (2002).

Errors and Omissions

In issue 8, reference was made to Franklin D. Schurz. However, the reference should have been to **Robert P. Vecchio**, Schurz Professor of Management. The corrected listing is in this issue, under *Publications*.

Departmental Awards Received and Proposals Submitted

In the period November 1, 2001 to November 30, 2001.

Category	AWARDS RECEIVED		PROPOSALS SUBMITTED	
	No.	Amount	No.	Amount
Research	20	\$884,658	54	\$16,826,269
Instructional Programs	0	0	1	172,411
Other Programs	0	0	0	0
Total	20	\$884,658	55	\$16,998,680

FISCAL YEAR-TO-DATE CUMULATIVE

Category	AWARDS RECEIVED		PROPOSALS SUBMITTED	
	No.	Amount	No.	Amount
Research	183	\$18,082,192	300	\$98,004,949
Facilities and Equipment	0	0	0	0
Instructional Programs	8	1,159,905	5	3,763,223
Other Programs	1	24,497	0	0
Service Programs	0	0	0	0
Total	192	\$19,266,594	305	\$101,768,172

Research

Awards Received

November 1, 2001 through November 30, 2001

Awards for Research

Anthropology

Sheridan, Susan G.

Analysis of the Human Remains in the German Qumran Collection

Hebrew University of Jerusalem

\$1,000 24 months

Biological Sciences

Belovsky, Gary E.

Luquillo Experimental Forest Project

University of Puerto Rico

\$20,000 12 months

Besansky, Nora J.

Species Boundaries in the *Anopheles gambiae* complex

National Institutes of Health

\$214,436 12 months

D'Souza-Schorey, Crislyn

Regulation of Endothelial Barrier Function

American Heart Association

\$82,500 24 months

McKee, Edward E.

Mitochondrial Transport and Metabolism of Nucleoside Analogs and Analog Induced Mitochondrial Toxicities

I.U. School Medicine

\$11,688 24 months

Chemical Engineering

Palmer, Andre F.

Characterization of Novel Lipid Vesicles for Drug Delivery by Neutron Scattering

University of Maryland

\$65,012 15 months

Varma, Arvind

Mechanistic Studies in Combustion Synthesis of Materials

National Aeronautics and Space Administration

\$27,500 48 months

Chemistry and Biochemistry

Goodson, Holly

Flagellar Function and the Role of Motility in Virulence of *Giardia lamblia*

Georgetown University

\$10,000 24 months

Jacobs, Dennis C.

Dynamics of State-Selected Ion/Surface Reactions

National Science Foundation

\$115,000 36 months

Civil Engineering and Geological Sciences

Neal, Clive R.

Ocean Drilling Program

Texas A&M Research Foundation

\$3,000 34 months

Westerink, Joannes J.

Adaptive Multinumeric Finite Element Methods For Shallow Water Flow

University of Texas

\$77,322 36 months

Electrical Engineering

Fay, Patrick J.; Orlov, Alexei; Snider, Gregory L.

A Novel High-Speed Electrometer for Nanoscale Electronic Device

National Science Foundation

\$12,000 36 months

Fay, Patrick J.

CAREER: Micromachining of GaN

National Science Foundation

\$6,000 48 months

Seabaugh, Alan C.

Analysis of Strain-Induced-Performance-Enhancement in Advanced Mosfets

Bedford Research, Inc.

\$25,000 12 months

Higgins Labor Research Center

Ghilarducci, Teresa

Making Retirement Work: The Role of the Employer-Based Pension System

Retirement Research Foundation

\$98,911 12 months

Physics**Bennett, David P.**

Confirmation of Black Hole, Planetary, and Binary
Microlensing Events

Space Telescope Science Institute
\$14,980 24 months

Garnavich, Peter M.

Tracing the Cosmic Expansion to $z > 1$ with Type Ia
Supernovae

Space Telescope Science Institute
\$10,000 24 months

Garnavich, Peter M.

Explosions in Deep Space

Space Telescope Science Institute
\$7,000 24 months

Johnson, Walter R.

Photoexcitation and Photoionization in Dense Plasmas

Lawrence Livermore National Laboratory
\$41,533 13 months

Sapirstein, Jonathan R.

Weak and Electromagnetic Radiative Corrections in Atomic
Physics

National Science Foundation
\$41,776 12 months

Proposals Submitted

November 1, 2001 through November 30, 2001

Proposals for Research**Aerospace and Mechanical Engineering****Jumper, Eric J.**

Experimental Investigation of Aero-Optical Disturbances for
Tactical Fighter Aircraft

Boeing Space Systems
\$265,784 12 months

Anthropology**Chesson, Meredith S.**

Rethinking the Collapse of the Early Bronze Age in the
Southern Levant: The Khirbet el-Minsahlat Project

National Science Foundation
\$153,375 36 months
Anthropology

Kawano, Satsuki

Ancestorhood at Risk: Fewer Children to Venerate the Dead
in Contemporary Japan

Japan Foundation
\$89,543 11 months

Kuijt, Ian

Social and Economic Context of Early Neolithic Villages

National Science Foundation
\$189,231 36 months

Biological Sciences**Adams, John H.**

Identification and Characterization of B and T Cell Epitopes
on MAEBL

National Institutes of Health
\$39,020 12 months

Belovsky, Gary E.

Brine Shrimp in the Great Salt Lake

Utah State University
\$41,500 12 months

Duman, John G.

The Use of Insect Antifreeze Proteins to Inhibit Freezing of
Frost Sensitive Plants

Department of Agriculture
\$240,000 36 months

Lamberti, Gary A.

Landscape Influences on Stream Ecosystems: Implications
for Restoration and Management

National Science Foundation
\$9,953 12 months

Tank, Jennifer L.; Knouft, Jason; Lamberti, Gary A.

Role of Large Woody Debris in Restoring Stream Ecosystem
Function in Managed U.S. Forests

Department of Agriculture
\$444,132 36 months

Chemical Engineering**McCready, Mark J.**

Fundamental Studies on Two-Phase Gas-Liquid Flows
Through Packed-Beds in Microgravity

National Aeronautics and Space Administration
\$173,995 48 months

Varma, Arvind

Orthopaedic Implant Materials: Synthesis, Microstructure
and Properties

National Aeronautics and Space Administration

\$599,517

48 months

Chemistry and Biochemistry**Miller, Marvin J.**

Drugs and Delivery Systems for Opportunistic Infections

National Institutes of Health

\$303,270

12 months

Rosen, Elliot D.

Coagulation Initiation in Factor VII Deficient Mice

National Institutes of Health

\$260,239

12 months

Serianni, Anthony S.

NMR Studies of Biologically Important Oligosaccharides

National Institutes of Health

\$229,011

12 months

Smith, Bradley D.

Synthetic Receptors for Anions, Salts, and Neutral Molecules

National Science Foundation

\$406,147

36 months

Civil Engineering and Geological Sciences**Fein, Jeremy B.; Kulpa, Charles F.; Bunker, Bruce A.**

Measuring and Modeling Metal Adsorption in Bacteria-Water-
Rock Systems

National Science Foundation

\$409,708

36 months

Maurice, Patricia A.; Bridgham, Scott D.; Fein, Jeremy B.

Bacterial Adsorption and Biodegradation of Natural Organic
Matter

National Science Foundation

\$211,079

36 months

Silliman, Stephen E.

Demonstration of Vertically Integrated Education Model:
Case Study in International Water Resources

National Science Foundation

\$276,162

48 months

Computer Science and Engineering**Freeh, Vincent W.**

MetaJava: A System for SMP Clusters

National Science Foundation

\$457,228

36 months

Electrical Engineering**Collins, Oliver M.**

A New Role for Coding

National Science Foundation

\$333,337

36 months

Fuja, Thomas E.; Massey, Peter C.; Rosenthal, Joachim J.; Costello, Daniel J.

ITR Collaborative Research: Toward Practical Graph-Based
Coding Schemes for Reliable Wireless Communications

National Science Foundation

\$1,841,969

48 months

Huang, Yih-Fang; Haenggi, Martin; Sain, Michael K.; Sauer, Ken D.; Bauer, Peter H.

ITR: Collaborative Proposal: Robust Embedded Distributed
Sensor Actuator Networks

National Science Foundation

\$2,078,078

60 months

Merz, James L.; Mintairov, Alexander

Near-field Spectroscopy of Photonic Nanostructures

National Science Foundation

\$329,006

36 months

Seabaugh, Alan C.

Analysis of Strain-Induced-Performance-Enhancement in
Advanced Mosfets

Bedford Research, Inc.

\$50,538

12 months

Film, Television, and Theatre**Arons, Wendy K.**

Staging the Fair Sex

Brown University

\$20,000

12 months

Chalmers, Jessica

Avanti!

Brown University

\$20,000

12 months

German and Russian Languages and Literatures**Christensen, Kirsten M.**

Netherlandic Women's Mystics, the Cologne Carthusians, and the Reformation

AAUW Education Foundation

\$30,000

12 months

Dinega, Alyssa W.

A Poet of Conscience: The Myth of Criminality in Pushkin's Poetics

Social Science Research Coun.

\$24,000

24 months

Government and International Studies**Mosley, Maria E.**

Global Capital and Local Social Policy: The Political Impact of Foreign Direct and Portfolio Investment

Council on Foreign Relations

\$63,500

12 months

History**Bederman, Gail**

Engendering Neo-Malthusianism: Contraception, Free Love, and Political Theory, 1793-1831

AAUW Education Foundation

\$30,000

9 months

Bederman, Gail

Engendering Neo-Malthusianism: Contraception, Free Love, and Political Theory in England and the United States, 1793-1831

Institute for Advanced Study

\$50,000

9 months

Pierce, Richard B.

Go Forth to Battle the Forces of Evil: African American Religious Protest

Louisville Institute

\$45,000

9 months

Mathematics**Buechler, Steven A.; Calin, Ovidiu L.**

Variational Problems in Geometric Analysis

National Science Foundation

\$68,688

36 months

Gekhtman, Michael

Lattice Equations, Bi-Orthogonal Functions and Total Positivity

National Science Foundation

\$123,709

36 months

Hind, Richard K.

Complex and Symplectic Geometry of Complexifications

National Science Foundation

\$93,349

36 months

Music**Resick, Georgine**

Recordings of Early German Song Cycles

Brown University

\$20,000

12 months

Philosophy**Bays, Timothy J.**

Mellon Postdoctoral Fellowship

University of Chicago

\$30,000

12 months

Bays, Timothy J.

Fellowship in Stanford Humanities Fellows Program

Stanford University

\$50,000

12 months

Bays, Timothy J.

Fellowship in Logic and Philosophy of Science

University of California-Irvine

\$30,000

12 months

Physics**Balsara, Dinshaw S.**

Advances in Numerical Magnetohydrodynamics-Novel Schemes and Adaptive Mesh Refinement on Structured Meshes

National Science Foundation

\$749,947

36 months

Bennett, David P.

Observations and Analysis of Exotic Gravitational Microlensing Events

National Science Foundation

\$343,548

36 months

Garnavich, Peter M.

Probing the Equation of State of the Dark Energy with Supernovae

University of Washington

\$334,988

60 months

Hildreth, Michael D.

Optimizing Higgs Discovery Prospects at the Tevatron
Department of Energy

\$251,587 36 months

Janko, Boldizsar

Collaborative Research: Structure and Collective Dynamics of
Vortices in Superconductors with Periodic Arrays of
Submicron-Sized Patterns

National Science Foundation
\$186,428 36 months

Mathews, Grant J.; Balsara, Dinshaw S.

Tilted-Disc Accretion with Multiscale Relativistic MHD
National Science Foundation

\$274,072 36 months

Rettig, Terrence W.

A Study of Volatile Molecules in the Inner Preplanetary Disks
Around Herbig AeBe Stars

National Science Foundation
\$311,323 36 months

Ruchti, Randal C.

QuarkNet
National Science Foundation

\$3,661,221 60 months

Ruggiero, Steven T.

Single Electron Tunneling
Department of Energy

\$161,408 36 months

Program of Liberal Studies**Marvin, Julia J.**

History for All: The Prose "Brut" Chronicle and Vernacular
Culture in Late-Medieval England
AAUW Education Foundation

\$30,000 12 months

Psychology**Cummings, E.M.**

Marital Conflict Resolution and Child Development
National Institutes of Health

\$258,940 12 months

Radiation Laboratory**LaVerne, Jay A.**

Radiation Chemistry in Plutonium Storage Environment
Los Alamos National Laboratory

\$50,239 12 months

Sociology**Carbonaro, William J.**

Social Capital and Status Transmission: The Case of Track
Placement

National Academy of Education
\$50,000 12 months

Theology**Doak, Mary C.**

Career Enhancement Fellowships for Junior Faculty from
Underrepresented Groups

Woodrow Wilson National Fellowship Foundation
\$31,500 12 months

University Libraries**Bayard, Laura A.**

Lama Cultural Diversity Grant
Library Administration and Management Assoc.

\$1,000 12 months

Proposals for Instructional Programs**Government and International Studies****Mainwaring, Scott P.**

Undergraduate International Studies and Foreign Language
Program

Department of Education
\$172,411 24 months

Centers and Institutes Awards Received and Proposals Submitted

In the period November 1, 2001 to November 30, 2001.

Department or Office	AWA RDS RECEIVED		PROPOSALS SUBMITTED	
	No.	Amount	No.	Amount
Center for Astrophysics	3	\$31,980	2	\$ 585,395
Center for Flow Physics and Control	0	0	1	265,784
Center for Molecularly Engineered Materials	1	27,500	1	599,517
Center for Transgene Research	0	0	1	260,239
Center for Tropical Disease Research and Training	0	0	1	39,020
Higgins Labor Research Center	1	98,911	0	0
Kellogg Institute for International Studies	0	0	1	172,411
Nano Science and Technology Center	1	12,000	0	0
Radiation Laboratory	0	0	1	329,006
South Bend Center for Medical Education	1	11,688	1	50,239
To tal	7	\$182,079	9	\$2,301,611

FISCAL YEAR-TO-DATE CUMULATIVE

Category	AWARDS RECEIVED		PROPOSALS SUBMITTED	
	No.	Amount	No.	Amount
Alliance for Catholic Education	3	\$ 213,583	1	\$ 55,000
Center for Astrophysics	3	\$31,980	2	585,395
Center for Flow Physics and Control	2	159,151	1	265,784
Center for Latino Studies	2	209,701	2	299,512
Center for Molecularly Engineered Materials	1	27,500	2	2,455,880
Center for Transgene Research	2	869,375	1	260,239
Center for Tropical Disease Research and Training	3	516,678	1	39,020
Freim ann Life Science Center	0	0	4	489,250
Higgins Labor Research Center	1	98,911	0	0
Institute for Educational Initiatives	1	3,083	0	0
John A. Kaneb Center for Teaching and Learning	1	46,100	0	0
Kellogg Institute for International Studies	4	210,780	2	279,706
Keough Institute for Irish Studies	1	39,000	0	0
Lobund Laboratory	1	72,128	1	75,000
Mendelson Center for Sport, Character, and Culture	1	18,446	0	0
Nano Science and Technology Center	4	238,143	4	642,088
Radiation Laboratory	2	261,615	1	50,239
Robinson Community Learning Center	0	0	1	157,275
South Bend Center for Medical Education	2	66,688	1	214,500
TRIO Programs	6	992,222	2	2,176,807
Walther Cancer Institute	0	0	2	1,106,175
To tal	40	\$4,075,084	28	\$9,151,870

All awards and proposals are credited in the Monthly Summaries report to the academic department of the primary principal investigator. The Office of Research proposal routing form asks principal investigators to indicate at the time the proposal is submitted which unit will be responsible for the conduct of the project. If that unit is a center or institute, the proposal/award is included in the Centers/Institutes report, which is a subset of the Monthly Summaries report.

The Office of Research is doing what it can to ensure all units receive credit for the proposals/awards they submit and receive. However, it depends on the PI to properly identify responsibility for the project at the time the proposal is submitted. Please notify the Office of Research at "research2@nd.edu" or 1-4670 if you are aware of any proposals or awards that have not been properly credited to a center or institute.

Awards Received

November 1, 2001 through November 31, 2001

Proposals for Instructional Programs

Center for Astrophysics

Garnavich, Peter M.

Tracing the Cosmic Expansion to $z > 1$ with Type Ia Supernovae

Space Telescope Science Institute

\$10,000 24 months

Bennett, David P.

Confirmation of Black Hole, Planetary, and Binary Microlensing Events

Space Telescope Science Institute

\$14,980 24 months

Garnavich, Peter M.

Explosions in Deep Space

Space Telescope Science Institute

\$7,000 24 months

Center for Molecularly Engineered Materials

Varma, Arvind

Mechanistic Studies in Combustion Synthesis of Materials

National Aeronautics and Space Administration

\$27,500 48 months

Higgins Labor Research Center

Ghilarducci, Teresa

Making Retirement Work: The Role of the Employer-Based Pension System

Retirement Research Foundation

\$98,911 12 months

Nano Science and Technology Center

Fay, Patrick J.; Orlov, Alexei; Snider, Gregory L.

A Novel High-Speed Electrometer for Nanoscale Electronic Device

National Science Foundation

\$12,000 36 months

South Bend Center for Medical Education

McKee, Edward E.

Mitochondrial Transport and Metabolism of Nucleoside Analogs and Analog Induced Mitochondrial Toxicities

I.U. School Medicine

\$11,688 24 months

Proposals Submitted

November 1, 2001 through November 30, 2001

Proposals for Research

Center for Astrophysics

Mathews, Grant J.; Balsara Dinshaw S.

Tilted-Disc Accretion with Multiscale Relativistic MHD

National Science Foundation

\$274,072 36 months

Center for Flow Physics and Control

Jumper, Eric J.

Experimental Investigation of Aero-Optical Disturbances for Tactical Fighter Aircraft

Boeing Space Systems

\$265,784 12 months

Center for Molecularly Engineered Materials

Varma, Arvind

Orthopaedic Implant Materials: Synthesis, Microstructure and Properties

National Aeronautics and Space Administration

\$599,517 48 months

Center for Transgene Research

Rosen, Elliot D.

Coagulation Initiation in Factor VII Deficient Mice

National Institutes of Health

\$260,239 12 months

Center for Tropical Disease Research and Training

Adams, John H.

Identification and Characterization of B and T Cell Epitopes on MAEBL

National Institutes of Health

\$39,020 12 months

Nano Science and Technology Center**Merz, James L.; Mintairov, Alexander**

Near-field Spectroscopy of Photonic Nanostructures

National Science Foundation

\$329,006

36 months

Radiation Laboratory**LaVerne, Jay A.**

Radiation Chemistry in Plutonium Storage Environment

Los Alamos National Laboratory

\$50,239

12 months

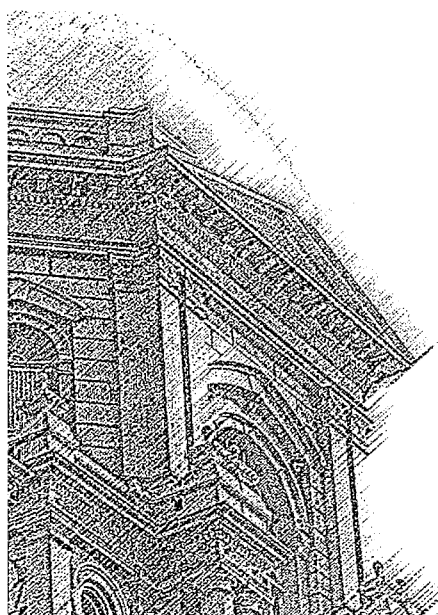
Proposals for Instructional Programs**Kellogg Institute for International Studies****Mainwaring, Scott P.**Undergraduate International Studies and Foreign Language
Program

Department of Education

\$172,411

24 months

Notre Dame Report



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