

Notre Dame Report

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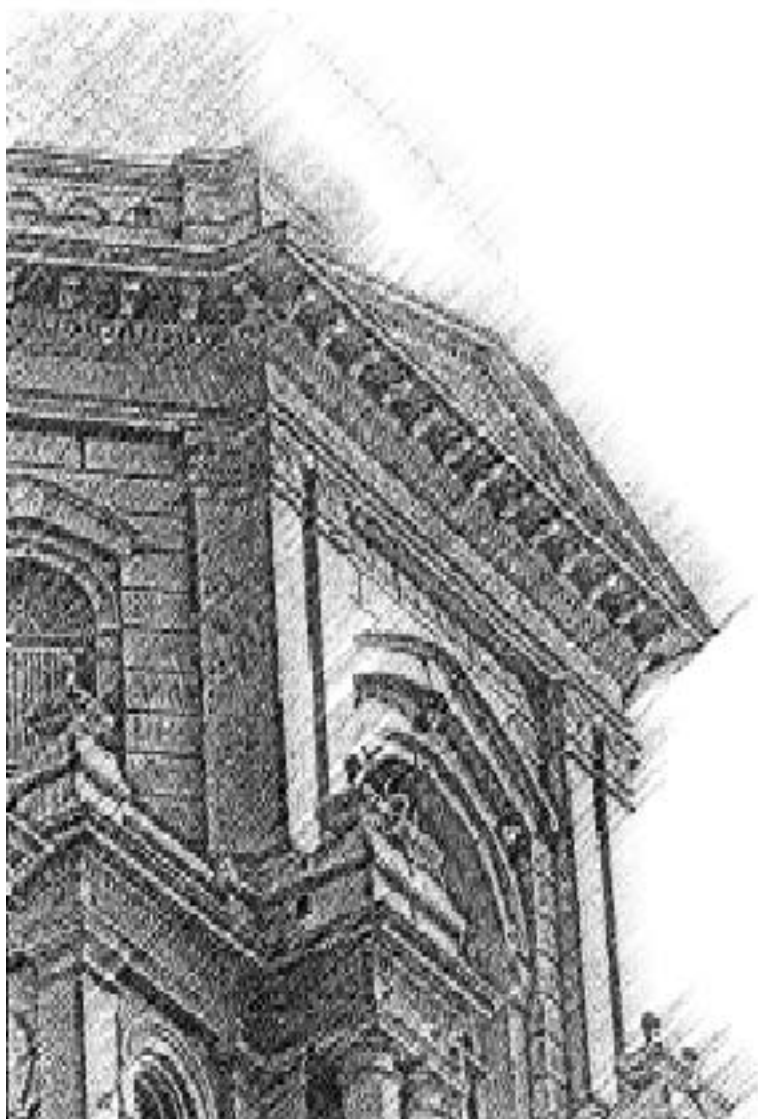
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Faculty Notes

Honors

Gerard Baumbach, professional specialist, director of the Center for Catechetical Initiatives, and concurrent professor of theology, was elected a member of the advisory board of Ave Maria Press.

Doris L. Bergen, professor of history and Nanovic Institute and Kroc Institute fellow, was appointed to the international advisory board of the *Journal of Genocide Research*; and was appointed to the academic advisory board of *Studien zur Kirchlichen Zeitgeschichte/Studies in Contemporary Church History*.

Jeffrey H. Bergstrand, professor of finance, was invited to become a fellow of the CE-Sifo Research Network, a global network of economics researchers.

Nora J. Besansky, professor of biological sciences, was named a fellow of the American Association for the Advancement of Science.

Roger K. Bretthauer, professor emeritus of chemistry and biochemistry, was named a fellow of the American Association for the Advancement of Science.

Kathleen Cannon, OP, associate dean of the College of Science, was appointed to the board of trustees of Providence College in Rhode Island, and was elected secretary of the Providence College Corporation.

Bernard Doering, professor emeritus of Romance Languages and Literatures was nominated for the 19th annual translation award of the Florence Gould/French-American Foundation for his English translation of *Les Mendiants du Ciel*, the first full-length, prize-winning biography of Jacques and Raïssa Maritain (*Beggars for Heaven*, Notre Dame Press).

Kevin Hart, the Notre Dame Professor of English, concurrent professor of philosophy, and Nanovic Institute fellow, was appointed to the editorial board of the literary journal *Colloquy*.

Frank P. Incropera, the McCloskey Dean of Engineering and Brosey Professor of Mechanical Engineering, was named a fellow of the American Association for the Advancement of Science.

Ahsan Kareem, the Moran Professor of Civil Engineering and Geological Sciences, was named the recipient of the 2005 Robert H. Scanlan Medal by the Engineering Mechanics Division of the American Society of Civil Engineering, cited for "outstanding original contributions to analysis, quantification, modeling, and simulation of wind-load effects for structural design, achieved by merging the fundamentals of structural mechanics and fluid dynamics."

James S. O'Rourke IV, professional specialist, concurrent professor of management, and director of the Fanning Center for Business Communication, was elected to the board of trustees of the Institute for Public Relations, headquartered at the Univ. of Florida.

Wolfgang Porod, the Freimann Professor of Electrical Engineering, was named a fellow of the American Association for the Advancement of Science.

Joseph M. Powers, associate professor of aerospace and mechanical engineering, was elected to membership on the Mechanical and Industrial Engineering Alumni Board at the Univ. of Illinois at Urbana-Champaign for the 2006–09 term.

Mark A. Suckow, director of the Freimann Life Science Center, was elected president of the American Association for Laboratory Animal Science.

Activities

Gary Anderson, professor of theology, presented "A Figural Reading of Moses' Intercessory Prayer" at the "Identity of Jesus" seminar at the Center of Theological Inquiry in Princeton, September 23–25; and "The Bodies of Adam and Eve: From

Garments of Glory to Garments of Skin" on Oct. 4 for the Diocese of Fort Wayne-South Bend "Clergy Continuing Education Days" in Syracuse, Ind.

Ani Aprahamian, professor and chair of the Dept. of Physics, presented a colloquium titled "Following the Light in the Universe" at the Univ. of North Carolina, Chapel Hill, Nov. 14; and chaired the "Symposium in Celebration of a Career in Honor of Distinguished Professor Vic Viola" at Indiana Univ., Bloomington, Oct. 29.

J. Matthew Ashley, associate professor and director of graduate studies in the Dept. of Theology, presented "A Historical Discernment of Spirits: Some Reflections on Hurricane Katrina" at a symposium held at the Univ. of Passau, "Compassion: *Theologische Perspektiven im Globalisierungsprozess*" on Oct. 28.

Robert Audi, the Gallo Professor of Business Ethics, presented "Problems and Principles in Business Ethics" on Sept. 29, and a seminar on "Case and Principle in Ethics and Law" on Sept. 30, both at Mercer's School of Law, Atlanta; and a lecture on "The Ethics of Entrepreneurial Leadership" at the Wake Forest Univ. Center for Entrepreneurship, Winston-Salem, N.C., a paper on "Skepticism about the *A Priori*" at the Wake Forest Univ. Philosophy Dept., Oct. 4; "Problems and Principles in Business Ethics," Oct. 17, and "Rationality and the Good," Oct. 18 at University College, Cork; "The Problem of Evil: Divine Experience and Human Suffering," Oct. 20 at University College, Dublin; "Skepticism about the *A Priori*," Oct. 21 at Trinity College, Dublin; and "The Problem of Evil: Divine Experience and Human Suffering," Oct. 24 at Oxford Univ.

Brian Baker, assistant professor of chemistry and biochemistry, presented an invited seminar titled "T Cell Receptor Recognition of Ligand" at Boehringer Ingelheim Pharmaceuticals, Danbury, Conn., Nov. 18.

Kevin Barry, associate director, Kaneb Center for Teaching and Learning, presented a series of talks for La Universidad de Talca, in Talca and Santiago Chile, Aug. 31 through Sept. 9, titled "*Enseñanza y aprendizaje basado en competencias*," "*Aprendizaje activo*," and "*El papel de un centro de enseñanza y aprendizaje en la universidad*." He also assessed the university's plan for a

Center for Teaching and Learning; and he and **Thomas C. Laughner**, associate director, Educational Technologies and Services, presented "Teaching Well Using Technology: A Faculty Member's Guide to Wise and Time Efficient Use of Instructional Technology" at "Educause 2005, Transforming the Academy: Dreams and Reality," Orlando, Fla., Oct. 18.

David Bartels, professional specialist in the Radiation Laboratory, presented "Role of Solvent: Reaction in Supercritical Fluids," written with **Daniel M. Chipman**, professional specialist in the Radiation Laboratory and concurrent professor of chemistry and biochemistry, at the "DOE 2005 Conference on Condensed Phase and Interfacial Molecular Science," Warrenton, Va., Oct. 23–26.

Gerard Baumbach, professional specialist, director of the Center for Catechetical Initiatives, and concurrent professor of theology, presented "Forming a New Generation of Catechetical Leaders" as the opening session of the "Catechetical Scholars Jubilee" of the National Catholic Educational Association, held at Notre Dame, June 10–15.

Joseph P. Bauer, professor of law, was an invited speaker at a conference at Santa Clara Law School on "Third Party Liability in Intellectual Property Law," on Oct. 7.

Gail Bederman, associate professor of history, presented a paper titled "Teaching 'LGQ' History at Notre Dame: Practical Notes and Unfinished Puzzles" at "Out There: The First National Conference of Scholars and Student Affair Personnel Involved in LGBTQ Issues on Catholic Campuses," at Santa Clara Univ., Oct. 29.

Doris L. Bergen, professor of history and Nanovic Institute and Kroc Institute fellow, presented "Drawing Lines of Blood: Gender and Definitions of Germanness during World War II" at the "Berkshire Conference of Women Historians" in June at Scripps College, Calif.; presented "Instrumentalization of Volksdeutschen in Nazi Propaganda: Replacing/Erasing Jews and Other Victims" and participated in a roundtable on "Auschwitz: Inside the Nazi State"—The PBS Documentary" at the annual meeting of the German Studies Association in October in Milwaukee; and presented "Twisted Cross: Were the Nazis Christians?" and "History, Historians, and

the Problem of Evil" at the "Critical Issues Symposium," Hope College, Holland, Mich. in September.

Rev. Paul Bradshaw, professor of theology, presented "Shifting Scholarly Perspectives in the Study of Early Christian Liturgy" at Heythrop College, Univ. of London, Oct. 4.

Alejandro Camacho, associate professor of law, participated in a panel discussion titled "An American Tragedy: Katrina in Focus," sponsored by the Univ. of Notre Dame, Dept. of Africana Studies, as well as several student organizations, on Oct. 4; participated in a panel discussion titled "Rebuilding New Orleans: An Interdisciplinary Discussion," sponsored by the Univ. of Notre Dame Law School on Oct. 27; and, on Nov. 3, presented a paper titled "Muster-ing the Missing Voices" at the Chicago-Kent College of Law, Illinois Institute of Technology.

Peter Cholak, professor of mathematics, presented "Progress on the C.E. Sets: Improving and Proving the Slaman-Woodin Conjecture" in the "CUNY Logic Workshop," and "Computability Theory: Domination, Measure, Randomness and Reverse Mathematics" in the "NYC Logic Colloquium" on Nov. 11.

Paul M. Cobb, associate professor of history and Medieval Institute fellow, presented the invited lectures "Getting Crusaded: A Medieval Muslim Family and Their Neighbors" on Oct. 14 at Colby College in Waterville, Maine; "Globalism in the Classroom: Teaching the Crusades as Islamic History" at the third annual "Teaching the Middle East" faculty workshop, Emory Univ., Atlanta, Nov. 4; and "A Muslim Family in the Age of Crusades," at Georgia State Univ., Atlanta, Nov. 3.

Norman Crowe, professor of architecture, presented an address to the Community Development Dept. of the City of South Bend titled "The Impact of City Planning Policies on the Environment" on Oct. 18.

Lawrence S. Cunningham, the O'Brien Professor of Theology, presented "Reflections on the Life of Francis of Assisi" to the annual meeting of the Franciscan Hospital Board in South Bend, Oct. 3; attended as an invited delegate the American Academy of Religion Consultation on Theological Educations—Divinity School (Univ. of

Chicago), Oct. 14; and presented "Humility, Kenosis, and Eucharist" at Lumen Christi Conference at the Univ. of Chicago, Oct. 15.

Rev. Brian Daley, SJ, the Huisking Professor of Theology, presented "Forty Years of Orthodox-Catholic Relations" at the 69th session of the Catholic-Orthodox Dialogue, Georgetown.

Theresa Delgadillo, assistant professor of English, presented portions of her research projects, "Spiritual Mestizaje: Religion, Race, Gender and (Trans) Nation in Contemporary Chicana Narrative" and "Singing 'Angelitos Negros': African Diaspora Meets Mestizaje in the Americas" at the fall retreat for junior faculty fellows of the Mellon/Woodrow Wilson National Fellowship Foundation, Princeton, N.J., Oct. 13; presented "Negotiating (Dis) Placement: Creating Cross-Border Spiritual Community in *Canícula* and *Flowers for Guadalupe*"; and was an invited speaker at the "Graduate Student Breakfast with Champion Series" on the topic of transnational studies at the American Studies Association annual conference, Nov 3–6, in Washington, D.C.

Jay P. Dolan, professor emeritus of history, conducted a faculty retreat for the St. Meinrad School of Theology on Sept. 14 and 15, where he discussed "The Major Changes in American Catholicism during the 20th Century."

Julia Douthwaite, assistant provost for International Studies and professor of French, presented an invited keynote address titled "The Eye of the Traveler" at the graduate student conference on "French Orientalism" at the City Univ. of New York on Oct. 29.

Glen Dowell, assistant professor of management, presented "Chief Executive Officers, Boards of Directors, and Firm Survival: Evidence from the Internet Shakeout," written with **Margaret Shackell-Dowell**, assistant professor of accountancy, and N. Stuart, at the "Strategic Management Society 2005 Annual Meeting" in Orlando on Oct. 24; and "The Role of Congestion and Competition in Leading to Product Recalls: Evidence from the U.S. Bicycle Industry" at the Administrative Sciences Association of Canada annual meeting in Toronto, on May 29.

William G. Dwyer, the Hank Professor of Mathematics, was an invited participant in the workshop on “Stable and Algebraic Homotopy” held under the auspices of the Max-Planck Institute, Bonn, at Schloss Ringberg, Tegernsee, Germany, Oct. 30 through Nov. 4, where he presented “Gross-Hopkins Duality”; and was a co-organizer of a workshop titled “Homotopy Theory and Group Actions” held at the Banff International Research Station, Nov. 12–17, where he presented two talks on the subject “p-Compact Groups and Homotopy Group Actions.”

Keith J. Egan, adjunct professor of theology, conducted a workshop on “Spirituality of the Eucharist” for the Center for Ministry, Diocese of Saginaw, Mich., Sept. 8–9; and presented “Eucharist and Contemplation: Teresa of Avila and John of the Cross,” a symposium on “The Eucharist of the Saints,” sponsored by Lumen Christi Institute and the Mundelein Liturgical Institute, held at the Univ. of Chicago, Oct. 15.

Virgilio Elizondo, the Notre Dame Professor of Pastoral and Hispanic Theology, concurrent professor of the Institute for Latino Studies, and Kellogg Institute fellow, presented the keynote talk “Mestizaje Theology as a Promising Cultural Future” at the “Inter-University Erasmus Program” in Paris, Sept. 6; and presented the keynote address “The Compassion of Mary in the Struggles of the Poor” at the “15th International Mariological Symposium” in Rome, Oct. 5.

Georges Enderle, the O’Neil Professor of International Business Ethics and Kellogg Institute fellow, participated in the plenary panel discussion titled “Business Ethicists between All Frontiers” at the EBEN-Conference “State-Business-Stakeholders: Ethical Perspectives on Balancing Business and Public Interests,” Sept. 22–24, in Bonn, Germany.

Morten Eskildsen, assistant professor of physics, presented “Anomalous Field Dependence of the Flux-Line Lattice Form Factor in CeCoIn_5 ” as an invited talk at the “US-Spain Workshop on Nancoscale Materials,” Segovia, Spain, Sept. 20–23.

Thomas P. Fehlner, professor of chemistry and biochemistry, presented an invited seminar titled “Molecular QCA” at Northern Illinois Univ., Nov. 21.

Michael Ferdig, assistant professor of biological sciences, presented “Genetics and Genomics of Antimalaria Drug Resistance” at the “Gordon Research Conference on Malaria” at Queen’s College, Oxford, UK on Aug. 20.

Agustin Fuentes, the O’Neill Associate Professor of Anthropology and Flatley Director of the Office of Undergraduate and Post-Baccalaureate Fellowships, presented “*Humanos, Monos, y el Penon: el ecologia antropogenico de los macacos de Gibraltar*” at the “VII Jornadas de Flora, Fauna Y Ecologia del Campo de Gibraltar,” Jimena de la Frontera, Spain.

Teresa Ghilarducci, professor of economics, presented “Potential and Pitfalls of Social Security Reform,” “Law and...’ Speaker Series of Interdisciplinary Talks,” sponsored by the Notre Dame Law School, on Oct. 12; testified before the New Jersey Governors’ Benefit Task Force on “Pension Financing Trends” on Oct. 14; presented at a debate sponsored by The Century Foundation, “Privatization of Social Security,” a discussion for Midwest newspaper reporters, “Are Americans Ready for Retirement?” on Oct. 21 at Lake Geneva, Wisc.; and presented “Trends in Public Sector Pensions: What to encourage, What to Stop” at Harvard Univ. Law School.

Gustavo Gutiérrez, OP, the O’Hara Professor of Theology, and fellow of the Kellogg Institute and Institute for Latino Studies, presented the keynote “Globalization and the Challenges to Mission” at Maryknoll’s 25th anniversary on Sept. 22; served as a panelist for “Vatican II Forty Years After” sponsored by St. Mary’s College, Center for Spirituality, Sept. 23; presented the keynote address titled “The Principle of Hope” at Loyola Univ. Chicago, “Chapel Series,” Oct. 17; and lectured in the Theology Dept. at Loyola Univ. Chicago on “Doing Theology from the Third World Countries,” Oct. 16.

Alexander Hahn, professor of mathematics and director of the Kaneb Center for Teaching and Learning, was the featured speaker at the “Mathematics Research by Undergraduates” regional conference at St. Norbert College, De Pere, Wis., where he presented “Galileo and His Science in Images” on Nov. 4, and “A Modern Approach to Galileo’s Mechanics” on Nov. 5.

Maureen T. Hallinan, director of the Center for Research on Educational Opportunity, and the White Professor of Sociology, presented “School-Based Influences on Whether Students Like School” to the Archdiocesan Office of Chicago Catholic Schools, Sept. 9.

Kevin Hart, the Notre Dame Professor of English, concurrent professor of philosophy, and Nanovic Institute fellow, presented “Without Derrida” at the “Jacques Derrida at Yale Conference,” Oct. 13–15; and “Poetry and Revelation: Hopkins, Counter-Experience and *Reductio*” in the “Religion and the Arts” lecture series at Boston College on Nov. 1.

Jessica Hellmann, assistant professor of biological sciences, presented the invited seminar “Impacts of Climate Change for Pollinators and Pollination” to the National Research Council at the National Academy of Sciences, Washington D.C., Oct. 18–19.

Paul W. Huber, professor of chemistry and biochemistry, presented an invited lecture titled “Localization of mRNA in *Xenopus* Oocytes” at Northern Arizona Univ., Flagstaff, Nov. 17.

Richard A. Jensen, professor of economics, chair of the Dept. of Economics and Econometrics, concurrent professor of finance, and Kellogg faculty fellow, participated in a panel discussion at “The 25th Anniversary Celebration of the Bayh-Dole Act,” Indiana-Purdue Univ., Indianapolis, on Oct. 5; and presented “University Entrepreneurs: The Last Resort for Venture Capitalists” in the “Carolina Entrepreneurial Initiative Research Seminar Series” at the Univ. of North Carolina, Chapel Hill, Oct. 14.

Maxwell Johnson, professor of theology, presented an invited lecture titled “*Santa María de Guadalupe y la Teología Luterana*” at La Abadía del Tepeyac, Cuautitlán, Mexico, Oct. 21.

Prashant V. Kamat, professional specialist in the Radiation Laboratory and concurrent professor of chemical and biomolecular engineering, presented “Meeting Energy Demand: Nanostructured Hybrid Assemblies for Catalysis and Solar Cells” at the “US-Egypt Workshop on Nanostructured Materials and Nanotechnology,” Alexandria/Cairo, Egypt, Nov. 11–15.

Ian Kuijt, associate professor of anthropology, co-organized the symposium "Macro Evolution and Archaeology: Concepts and Applications," presented "Persistence and Extinction of Adaptive Lifeways: Development and Collapse of the Near East Neolithic," and co-presented "Early Neolithic Bead Production: Technology and Visibility During the Forager-Farmer Transition" with C. Quinn and B. Finlayson at the "70th Annual Meeting of the Society for American Archaeology," Salt Lake City, Utah, in April; chaired the symposium "Early Ireland at the American Conference" for the "Irish Studies Annual General Meeting," South Bend, in April; presented "Shifting Practices in Graduate Teaching and Near Eastern Archaeology Field Research" at the Dept. of Archaeology, Univ. of Durham, UK, in June; co-presented "Images and Social Relationships: Shifting Identity and Ambiguity in the Neolithic" with **Mer-edith Chesson**, assistant professor of anthropology, at an international conference titled "Image and Imagination: Material Beginnings," for the McDonald Institute for Archaeological Research, Cambridge Univ., in September; and presented "Reconsidering Neolithic Farming: Cultural Revolution or Failed Social Experiment?" at the international conference "Patterns and Process in Cultural Evolution," for the Institute of Archaeology, University College London, in September.

Keir Lieber, assistant professor of political science, presented "The End of Mutual Assured Destruction? The Nuclear Dimension of American Primacy" at the "John J. McCloy Roundtable on Setting the National Security Agenda," Council on Foreign Relations, New York, and at the Saltzman Institute of War and Peace Studies, Columbia Univ., New York, Oct. 25.

John LoSecco, professor of physics, presented an invited conference talk titled "The History of 'Anomalous Atmospheric Neutrino Events'" at "A Festschrift and Conference on the Golden Age of Particle Physics and Its Legacy," Boston Univ., Oct. 22.

Edward Maginn, professor of chemical and biomolecular engineering, presented an invited plenary talk titled "Development of New Molecular Dynamics Sampling Methods for Phase Equilibria Calculations" at

the "China/USA/Japan Joint Chemical Engineering Conference," Beijing, Oct. 13.

Cynthia Keppley Mahmood, associate professor of anthropology and senior fellow in peace studies, presented the inaugural lecture titled "Martyring Truths: Scholarship and Risk in the Anthropological Project" in Brown University's new series, "Engaging Activism" at the Watson Institute for International Studies Oct. 18.

Timothy Matovina, associate professor of theology and director of the Cushwa Center, presented "Icons of the Sacred," the keynote address given in English and Spanish to the Our Lady of the Angels Regional Congress, Archdiocese of Los Angeles, in October; and "Latino Catholics in American Public Life," a "Hesburgh Lecture Series" presentation, in Lansing, Mich., also in October.

Rev. Richard P. McBrien, the Crowley-O'Brien Professor of Theology, presented "Critical Issues Facing the Church," a "Fatima Elephants' Lecture," in the Archdiocese of Detroit on Oct. 10; "The Challenge of Being the Church Today" in the "Ecumenical Lecture Series" at St. Andrew United Methodist Church in Highlands Ranch, Colo. on Oct. 13; and "Conservatives and Liberals: Who Are They?" at Holy Family Parish Community, Inverness, Ill. on Oct. 19.

Ralph McInerny, the Grace Professor of Medieval Studies, presented "American Reflections on Europe" at "Concept of Law in Thomas Aquinas" in Palermo, Italy, Oct. 26, the text of which can be found in Italian as "*Riflessioni americane*" in *L'Europa fra radici e progetto: Civiltà cristiana o relativismo etico?*, ed. F. DiBlasi and G. Romano (Soveria Mannelli, Italy: Pubblicazioni di Thomas International, 2005).

Marvin J. Miller, professor of chemistry and biochemistry, presented an invited seminar titled "New Methodologies and Applications to the Design, Syntheses, and Studies of Bioactive Compounds" at Wayne State Univ., Detroit, Nov. 7; an invited seminar titled "New Synthetic Methodology for the Design of Evolvable Molecular Scaffolds and Applications to the Discovery of New Therapeutic Agents" at Bristol-Myers-Squibb in Guilford, Conn., Nov. 3.

Juan Migliore, professor of mathematics, presented the invited talk "The Geometry

of the Weak Lefschetz Property" in the "Special Session on Algebraic Geometry" at the 1011th meeting of the American Mathematical Society in Lincoln, Neb. on Oct. 22.

Nathan Mitchell, professional specialist in theology, presented the annual Dehon Lecture at Sacred Heart Seminar, Hales Corners, Wisc., Oct. 4–5 on "The Presence of Absence in Postmodern Sacramental Theology."

Rev. Jerome Neyrey, SJ, professor of theology, presented "Making Mary: Cultural Influences on Seeing and Thinking about Mary" to the Dallas Alumni Club, April 7.

Rev. Ronald Nuzzi, director, ACE Leadership program, presented a keynote address titled "Why a Catholic Education Matters: Research-Based Successes of Catholic Schools" to the Ohio Catholic Education Association convention, Columbus, Oct. 12.

Teresa Godwin Phelps, professor of law, presented "Re-Membering: The Role of Personal Stories in the Aftermath of Violence" at the "Franco's Mass Graves Conference" at the Univ. of Notre Dame on Oct. 28.

Carol Phillips, adjunct professor of marketing, served as a panelist at the "ARF Future of Advertising Conference," Chicago, Oct. 24–25; and spoke at the pre-conference workshop, "Actionable Brand Equity Metrics: Identifying the Right System for Your Company," at the "IIR Innovations in Marketing Strategy Conference," San Francisco, March 7–9.

Joseph M. Powers, associate professor of aerospace and mechanical engineering, presented an invited applied mathematics lecture titled "Resolution Matters: Computational Problems in Multiscale Combustion Modelling" in the Dept. of Mathematics at Michigan State Univ., East Lansing, Oct. 28.

Karen Richman, assistant professor of anthropology, and M.L. Daut presented "Are they Mad? Violence, Language and Nationalism in *Tous les hommes sont fous*" at the panel "*Images Littéraires de la Violence*" at the 17th annual conference of the Haitian Studies Association, Boston, Oct. 15; and "A More Powerful Sorcerer: Conversion and Capital in the Haitian Diaspora" to the Chicago Area Group for the Study of

Religious Communities at Loyola Univ., Oct. 29.

Philip J. Sakimoto, professional specialist in physics, presented "The Universe and Everything in It" in the "Miller Lecture Series," Notre Dame, March 30, and again at the "Sixteenth Annual Illinois Student Research Conference," Chicago, on April 2; and was a co-presenter of a workshop titled "After All, It's One Earth: A Diversity Practicum" at the meeting of the Astronomical Society of the Pacific, Tucson, on Sept. 15.

Mark R. Schurr, associate professor of anthropology, presented "The Search for the Menominee Village: Tradition, History, and Removal," written with W.B. Secunda, in the symposium titled "Archaeology of 19th- and 20th-Century Native American Sites in the Midwest" at the "51st Annual Midwest Archaeological Conference," Dayton, on Oct. 21.

Timothy R. Scully, CSC, professor of political science and director of the Institute for Educational Initiatives, presented "Building a Catholic University: Lessons from Notre Dame," an invited talk, to the trustees, officers, and chairs at Mount St. Mary's College, Emmitsburg, Md., on Nov. 6; and "What's Catholic about a Catholic University," an invited talk, to the faculty at Mount St. Mary's College, on Nov. 7.

Slavi Sevov, professor of chemistry and biochemistry, presented the invited talk titled "Nanorods of Silicon and Germanium with Well-Defined Shapes and Sites" at an NSF workshop on materials chemistry, Washington, D.C., Oct. 28–31.

Margaret Shackell-Dowell, assistant professor of accountancy, presented "The Personal Schedule: Allowing Student Flexibility in Learning" at the American Accounting Association annual meeting, San Francisco, on Aug. 10; and "Can Experienced Accountants Interpret Causal Information?" written with **Sandra C. Vera-Muñoz**, associate professor of accountancy, and M. Buehner, at the "Global Management Accounting Research Symposium" in Sydney, Australia on June 16.

Thomas L. Shaffer, the Short Professor of Law Emeritus, served with **Rudolph Navari**, associate dean, College of Science, professional specialist in Pre-Professional Studies, and director of the Walther Cancer

Research Center; **Thomas Merluzzi**, professor of psychology; and **Judith Fox**, associate professional specialist in law, on the panel titled "End of Life Decisions" in the "Older Adult Series" sponsored by the Univ. of Notre Dame, Sept. 29; and presented "Trust in Democracy: Anabaptists, Italian Americans, and Solidarity" in the conference "Liberal Democracy, God, and Human Good" at Hamline Univ., St. Paul, Minn., on Oct. 28.

Andrew J. Sommese, the Duncan Professor of Mathematics, presented "Exceptional Sets and Fiber Products" at the conference "Challenges in Linear and Polynomial Algebra in Symbolic Computation Software," held Oct. 1–6 at the Banff International Research Station, Canada.

Donald E. Sporleder, professor of architecture emeritus, served as an AIA150 Champion, representing the AIA Northern Indiana Chapter and the School of Architecture at the kickoff meeting and planning workshop for AIA150 Champions, Nov. 6–7, Chantilly, Va.

Mark A. Suckow, director and research associate professor in the Freimann Life Science Center, presented "Animal Modeling in Biodefense Research" and chaired the session on "Infectious Disease" at the "International Symposium on Laboratory Animal Science" sponsored by the International Council on Laboratory Animal Science, Oct. 13–14 in Beijing, China.

Yang Sun, visiting associate professor of physics, presented "Shell Model for Heavy, Deformed Nuclei" at the "JINA Workshop on Frontiers 2005" NSCL, Michigan State Univ., East Lansing, Aug. 20–22.

Julia Adeney Thomas, associate professor of history, presented "Collective Memory and Landscape Images" at an Indiana Univ. workshop on "The Japanese Empire: Gone but Not Forgotten," Sept. 15–16.

Julian Velasco, associate professor of law, presented "The Fundamental Rights of the Shareholder" at a faculty workshop at the Univ. of Illinois College of Law on Oct. 18, and again at the Central States Law School Conference, on Nov. 4.

Rev. Oliver F. Williams, CSC, director of the Center for Ethics and Religious Values in Business, and fellow of the Kroc

Institute, presented "Public Trust in Business: The Crucial Role of the King Report on Corporate Governance" to the Univ. of Cape Town Graduate School of Business Research Seminar, Cape Town, South Africa, June 22; "Restoring Public Trust in Business: The Role of Good Corporate Governance" at the conference "Managing in a Global Economy" of the Eastern Academy of Management, Cape Town, June 30; "What Values and Sanctions are Needed to Achieve Business without Corruption" to St. Augustine College, Johannesburg, South Africa, July 13; "Ethical and Moral Integrity: The Removal of Jacob Zuma as Deputy President" to the Black Management Forum, Cape Town, July 28; "Ethics After Enron: How to do Well while Doing Good" to the Notre Dame Club of Scranton and King's College, Wilkes-Barre, Penn., Oct. 6; participated in a panel discussion on "The UN Millennium Development Goals—Issues and Opportunities" at the "Third Annual Educational Forum of the Partnership for Quality Medical Donations" (PQMD), Fairleigh Dickinson Univ., Madison, N.J., Oct. 25; and presented "Developing a Spiritual Life in the Business World" to Legatus (Catholic CEOs), Detroit Chapter, Bloomfield Hills, Mich., Oct. 27.

Carolyn Y. Woo, the Gillen Dean and Siegfried Chair in Entrepreneurial Studies, presented "Developmental Strategies for Board Readiness" at the "Chicago United Annual Changing Color of Leadership Conference and Bridge Awards Dinner," Chicago, Nov. 2.

Samir Younés, associate professor of architecture and director of Rome Studies, presented "*Comporre l'identità urbana*" at the City Hall of San Giorgio a Liri, Italy, on Oct. 8.

Randall C. Zachman, associate professor of theology, presented "The Development of Calvin's Theology in the Institutes and Commentaries: Creation as a Test Case" at the "Sixteenth Century Studies Conference," Atlanta, Oct. 22.

Publications

Ani Aprahamian, professor and chair of the Dept. of Physics, published "Systematics in the Structure of Low-Lying, Non-Yrast Band-Head Configurations of Strongly Deformed Nuclei" with G. Popa, et al., *European Physical Journal A, Supp. 01 25* (2005): 451–52; and "Nuclear Physics: Long Live Isomer Research" with **Yang Sun**, visiting associate professor of physics, in *Nature Physics* 1 (2005): 81–82.

Matthew J. Barrett, professor of law, published unabridged and concise versions of the 2005 Supplement (with D. Herwitz) for the third editions of *Materials on Accounting for Lawyers* (Foundation Press) (also with D. Herwitz).

Robert H. Battalio, associate professor of finance, and **Richard R. Mendenhall**, professor of finance, published "Earnings Expectations, Investor Trade Size, and Anomalous Returns around Earnings Announcements" in the *Journal of Financial Economics* 77, No. 2 (Aug.): 289–319.

Gerard Baumbach, professional specialist, director of the Center for Catechetical Initiatives, and concurrent professor of theology, published "What Will Tomorrow Bring for Catechesis and Catechetical Leadership? Five Gifts or Challenges for the Road Ahead" in *Momentum: Journal of the National Catholic Educational Association* 36, No. 3 (Sept./Oct.).

Doris L. Bergen, professor of history and Nanovic Institute and Kroc Institute fellow, published "War Protestantism in Germany, 1914–1945" in M. Gailus and H. Lehmann, eds., *Nationalprotestantische Mentalitaeten* (Goettingen: Vandenhoeck & Ruprecht, 2005): 115–31; "Tenuousness and Tenacity: The Volksdeutschen of Eastern Europe, World War II, and the Holocaust," in K. O'Donnell, R. Bridenthal, and N. Reagin, eds., *The Heimat Abroad: The Boundaries of Germanness* (Ann Arbor: The Univ of Michigan Press, 2005): 267–86; and "Introduction" in G. Palmer and M.S. Zaid, eds., *The GI's Rabbi: World War II Letters of David Max Eichhorn* (Lawrence: Univ. Press of Kansas, 2004): 1–30.

Bruce A. Bunker, professor of physics, published "Single-Walled Carbon

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Daniel M. Chipman, professional specialist in the Radiation Laboratory and concurrent professor of chemistry and biochemistry, and **John Bentley**, associate professional specialist and assistant director of the Radiation Laboratory, published "Structures and Energetics of Hydrated Oxygen Anion Clusters," *J. Phys. Chem. A* 109, No. 33 (2005): 7418–28.

Lawrence S. Cunningham, the O'Brien Professor of Theology, published "Religion Book Notes" in *Commonweal* cxxxii (Sept. 23.): 29–34; a review of Zaleskis' *Prayer: A History in America* 193, No. 10 (Oct 10): 27–28; and "Martyrs" and "Saints" in *Encyclopedia of Christianity*, ed. J. Bowden (Oxford Univ. Press, 2005).

Bernard Doering, professor emeritus of Romance Languages and Literatures published *Jacques and Raïssa Maritain, Beggars for Heaven*, an English translation of Jean-Luc Barré's *Jacques et Raïssa Maritain, Les Mendiants du Ciel* (Notre Dame Univ. Press, 2005): Xv + 495 pp.; and "Jacques Maritain, Theologian: A Beggar for Heaven on the Byways of the World" in *Theology Today* (October): 306–16.

Karen O. Dowd, director of MBA career development, and D.M. Kaplan published "The Career Life of Academics," *Human Relations* 58, No. 6 (June).

Amitava Krishna Dutt, professor of economics and policy studies, published "Conspicuous Consumption, Consumer Debt and Growth" in M. Setterfield, ed. *Interactions in Analytical Political Economy: Theory, Policy and Applications* (Armonk, N.J.: M.E. Sharpe, 2005): 155–78; "Reply to Edward McKenna's comment," *ibid.*: 184–88; "On Post-Walrasian Economics, Macroeconomic Policy and Heterodox Economics," *ibid.*: 247–64.; "Globalization and the Inequality among Nations: a VAR

Approach," with **Kajal Mukhopadhyay**, concurrent research assistant professor of economics and policy studies, in *Economics Letters* 88 (Sept.) 295–99; "Robinson, History and Equilibrium" in B. Gibson, ed., *Joan Robinson's Economics: A Centennial Celebration* (Cheltenham, UK and Northampton, Mass.: Edward Elgar, 2005): 123–72; and "International Trade in Early Development Economics" in J.K. Sundaram and E.S. Reinert, eds., *Pioneers of Development Economics* (New Delhi: Tulika Books and New York and London: Zed Books, 2005): 99–127.

Virgilio Elizondo, the Notre Dame Professor of Pastoral and Hispanic Theology, concurrent professor in the Institute for Latino Studies, and Kellogg Institute fellow, published *Latino Religions and Civic Activism in the United States* with G. Espinosa and J. Miranda (Oxford Univ. Press, 2005).

Leonid Faybusovich, professor of mathematics, published "Semidefinite Descriptions of Cones Defining Spectral Mask Constraints" in *European Journal of Operational Research* 169 (2006): 1207–21.

Agustin Fuentes, the O'Neill Associate Professor of Anthropology and Flatley Director of the Office of Undergraduate and Post-Baccalaureate Fellowships, published "Evolution is Not Simple but It Does Matter," *Anthropology News* 46, No. 8 (2005).

Umesh Garg, professor of physics, published "Spectroscopy of ^{90}Nb at High Spin" with A. Chakraborty, et al., *Physical Review C* 72, No. 5 (2005): 1–12; and "Magnetic and Intruder Rotational Bands in ^{113}In " with S. Naguleswaran, et al., *ibid.*, No. 4: 1–6.

Denis Goulet, the O'Neill Professor Emeritus in Education for Justice and Kellogg Institute and Kroc Institute fellow, published "Global Governance, Dam Conflicts, and Participation" in *Human Rights Quarterly* 27, No. 3 (2005): 881–907.

Alexander Hahn, professor of mathematics and director of the Kaneb Center for Teaching and Learning, published a review of Atle Naess, *Galileo Galilei: When the World Stood Still* (<http://www.maa.org/reviews/NaessGalileo.html>), the online book review column of the Mathematical Association of America, on Oct. 1.

Brian C. Hall, associate professor of mathematics, published "The Segal-Bargmann Transform for Noncompact Symmetric Spaces of the Complex Type" with J.J. Mitchell in the *Journal of Functional Analysis* 227 (2005): 338–71.

Maureen T. Hallinan, director of the Center for Research on Educational Opportunity and the White Professor of Sociology, published a review of *Adolescent Lives in Transition: How Social Class Influences the Adjustment to Middle School*, by D.M. San Antonio (Albany: Univ. of New York Press, 2004) in *Contemporary Sociology* 34, No. 3 (2005): 318–19; and "The Normative Culture of a School and Student Socialization" in L. Hedges and B. Schneider, eds., *Social Organization of Schooling* (New York: Russell Sage, 2005): 129–46.

Kevin Hart, the Notre Dame Professor of English, concurrent professor of philosophy, and Nanovic Institute fellow, published "Poetry and Revelation: Hopkins, Counter-Experience and *Reductio*" in *Pacifica: Australian Theological Studies* 18 (2005): 259–80; "God and the Sublime" in *God out of Place?*, Y. De Maeseneer, ed. (Utrecht: Ars Disputandi, 2005): 33–38; with B. Wall, ed., *The Experience of God: A Postmodern Response* (New York: Fordham Univ. Press, 2005): 259 pp.; "Encyclopedias and Other Things: Some Recent Theology," *Journal for Cultural and Religious Theory* 6, No. 3 (2005): 43–69; "Jacques Derrida's Philosophies of Religion," *Tod des Subjekts? Poststrukturalismus und christliches Denken*, ed. M. Zichy (Salzburger Theologische Studien Band, 2005): 289–99; and three poems ("My Name," "Snow," and "Reading St Gregory of Nyssa") in *The Harvard Review* 29 (2005): 93–95.

Paul Helquist, professor of chemistry and biochemistry, published "Toward Selective Histone Deacetylase Inhibitor Design: Homology Modeling, Docking Studies, and Molecular Dynamics Simulations of Human Class I Histone Deacetylases" with D.-F. Wang, N.L. Wiech, and **Olaf Wiest**, professor of chemistry and biochemistry, in *Journal Medicinal Chemistry* 48 (2005): 6936–47.

Robert A. Howland, associate professor of aerospace and mechanical engineering, published *Intermediate Dynamics: A Linear Algebraic Approach* (New York: Springer, 2006): xx + 248 pp.

Bei Hu, professor of mathematics, and **David P. Nicholls**, assistant professor of mathematics, published a paper titled "Analyticity of Dirichlet-Neumann Operators on Holder and Lipschitz Domains," *SIAM Journal on Mathematical Analysis* 37, No. 1 (2005): 302–20.

Prashant V. Kamat, professional specialist in the Radiation Laboratory and concurrent professor of chemistry and biochemistry, published "Radiolytic Transformations of Chlorinated Phenols and Chlorinated Phenoxyacetic Acids" with J. Peller, *Journal of Physical Chemistry A* 109, No. 42 (2005): 9528–35; "Photosensitized Growth of Silver Nanoparticles under Visible Light Irradiation: A Mechanistic Investigation" with P.K. Sudeep, *Chem. Mater.* 17, No. 22 (2005): 5404–10; and "Mechanistic Evaluation of Arsenite Oxidation in TiO₂ Assisted Photocatalysis" with T. Xu and K.E. O'Shea, *J. Phys. Chem. A* 109, No. 40 (2005): 9070–75.

Thomas Kselman, professor of history, published "*Les congrégations françaises aux Etats-Unis et la loi de 1901*" in *Le Grand Exil des Congrégations Françaises, 1901–1914*, P. Cabanel and J.-D. Durand, eds. (Paris: Cerf, 2005): 257–67.

Ian Kuijt, associate professor of anthropology, published "Reflections on Ritual and the Transmission of Authority in the Pre-Pottery Neolithic of the Southern Levant" in *Magic Practices and Ritual in the Near Eastern Neolithic: Studies of Production, Subsistence and Environment* 8, H.G.K. Gebel, B.D. Hermansen, and C. Hoffmann Jensen, eds., (Berlin: Ex oriente, 2004): 81–90; "Where are the Dead?" with H.-D. Bienert, M. Bonogofsky, H.-G. Gebel, and G. Rollefson, published in *Central Settlements in Neolithic Jordan*, H.D. Bienert, H.G.K. Gebel and R. Neef, eds., *Studies in Early Near Eastern Production, Subsistence and Environment* 5 (Berlin: Ex oriente, 2004): 157–77; "When the Walls Came Down: Social Organization, Ideology and the End of the Aceramic Neolithic" *ibid.*: 5: 183–199; "Pre-Pottery Neolithic A and Late Natufian at 'Iraq ed-Dubb, Jordan" in *The Journal of Field Archaeology* 29, Nos. 3 and 4 (2004): 291–308; a review of *Sha'ar Hagolan 1: Neolithic Art in Context* by Y. Garfinkel and M.A. Miller (Oxford: Oxbow Books), *Bulletin of the American Schools of Oriental Research* 336 (2004): 68–71; and "Results of the 2001 Kerak Plateau Early Bronze Age

Survey" with **Meredith Chesson**, assistant professor of anthropology, C. Makarewicz, and C. Whiting, *Bulletin of the American Schools of Oriental Research* (2005): 1–49.

J. Parker Ladwig, assistant librarian, and **Andrew J. Sommese**, the Duncan Professor of Mathematics and director for the Center of Applied Mathematics, published "Using Cited Half-Life to Adjust Download Statistics," *College and Research Libraries* 66, No. 6 (Nov.): 527–42.

Jay A. LaVerne, professional specialist in the Radiation Laboratory and concurrent research professor of physics, published "Hydrated Electron Yields in the Heavy Ion Radiolysis of Water" with I. Štefanić and **Simon M. Pimblott**, professional specialist in the Radiation Laboratory and concurrent research professor of physics, in *J. Phys. Chem. A* 109, No. 42 (2005): 9393–401.

Timothy Matovina, associate professor of theology and director of the Cushwa Center, published *Guadalupe and Her Faithful: Latino Catholics in San Antonio, from Colonial Origins to the Present* (Baltimore: Johns Hopkins Univ. Press, 2005).

Nathan Mitchell, professional specialist in theology, published "*Rituale und die neuen Medien*," *Concilium* 41, No. 1 (March): 72–81.

Rev. Jerome Neyrey, SJ, professor of theology, published "First; 'Only,' 'One of a Few,' and 'No One Else': The Rhetoric of Uniqueness and the Doxologies in 1 Timothy," *Biblica* 86 (2005): 59–87.

Bruce C. Noll, research associate professor of chemistry and biochemistry, published "Dependence of Field Switched Ordered Arrays of Dinuclear Mixed-Valence Complexes on the Distance between the Redox Centers and the Size of the Counterions" with H. Qi; A. Gupta; **Gregory L. Snider**, professor of electrical engineering; Y. Lu; **Craig Lent**, the Freimann Professor of Electrical Engineering; and **Thomas P. Fehlner**, professor of chemistry and biochemistry, *Journal of American Chemical Society* 127 (2005): 15218–27; "Proton-Mediated Electron Configuration Change in High-Spin Iron(II) Porphyrinates" with C. Hu, C.E. Schulz, and **W. Robert Scheidt**, the Warren Professor of Chemistry and Biochemistry, *ibid.*: 15018–19; and "Structural Control of the Photodynamics of

Boron-Dipyrin Complexes" with W. Robert Scheidt, et al., *Journal of Physical Chemistry B* 109 (2005): 20433–43.

Rev. Thomas O'Meara, OP, the Warren Professor Emeritus of Theology, published "Schelling, Drey, Möhler und die nachkonziliare Zeit. Kunst und Organismus im Kirchenverständnis," *Theologie als Instanz der Moderne. Beiträge und Studien zu Johann Sebastian Drey und zur Katholischen Tübinger Schule* (Tübingen: Francke, 2005): 207–16; "Thomas Aquinas' View of the Church," in **Joseph Wawrykow**, associate professor of theology, ed., *The Theology of Thomas Aquinas* (Notre Dame: Univ. of Notre Dame Press, 2005): 303–25; "Lay Ecclesial Ministry—What It Is and What It Isn't" in R.W. Miller, ed., *Lay Ministry in the Catholic Church. Visioning Church Ministry through the Wisdom of the Past* (Liguori: Liguori Press, 2005): 67–78; "Ambition in the Church," *Spirituality* 10 (2004): 111–18; "What Can We Learn from the Tridentine and Baroque Church?" in M. Himes, ed., *The Catholic Church in the 21st Century. Finding Hope for Its Future in the Wisdom of the Past* (Liguori: Liguori Press, 2004): 56–64; "Faith in Color," *Parish Works* 7 (2004): 8; and "Christ Died for Our Sins," *The Catechist's Connection* 22 (Nov. 2004): 6.

Carol Phillips, adjunct professor of marketing, published "Hybrid Approach Tends to Yield More Insight" with L. Stegeman, *AMA Marketing News* (April 1): 22; and "Focus Group Experts: Gladwell's Wrong," *Advertising Age* (Aug. 29): 14.

Gabriel S. Reynolds, assistant professor of theology, published "A Reflection on Two Qur'anic Words (*Iblis* and *Judi*) with Attention to the Theories of A. Mingana," *Journal of the American Oriental Society* 124, No. 4 (2004): 1–15.

Philip J. Sakimoto, professional specialist in physics, published "Obliterating Myths about Minority Institutions" with J. Rosen-dahl, *Physics Today* 98, No. 9 (Sept.): 49–53.

Thomas Scheck, research associate of the Maritain Center and adjunct assistant professor of theology, published "William of St. Thierry's Reception of Origen's Exegesis of Romans" in *Adamantius* 10 (2004): 238–58; and "Law" in *The Westminster Handbook to Origen*, J.A. McGuckin, ed. (Louisville: Westminster John Knox Press, 2004).

Robert H. Schuler, the Zahm Professor Emeritus of Radiation Chemistry, published "Concerted Effects of Substituents in the Reaction of ·OH Radicals with Aromatics: The Cresols" with G. Albarran, *Journal of Physical Chemistry A* 109, No. 41 (2005): 9363–70.

Thomas L. Shaffer, the Short Professor of Law Emeritus, published "Should a Christian Lawyer Serve the Guilty?" in S.D. Carle, ed., *Lawyers' Ethics and the Pursuit of Social Justice: A Critical Reader* (New York: New York Univ. Press, 2005): 343–50; and "My Client the Situation" in *Res Gestae* 49, No. 3 (Oct.): 24–29.

Daniel Sheerin, professor of classics, contributed the article "Christianity, Catholic" to the *Encyclopedia of Language and Linguistics*, 2nd edition, K. Brown, ed. (Oxford: Elsevier 2006): 407–10.

Susan Guise Sheridan, associate professor of anthropology, published "Bioarchaeological Analysis of Cultural Transition in the Southern Levant using Dental Non-Metric Traits" with J. Ullinger, D. Hawkey, and C.G. Turner, II, *American Journal of Physical Anthropology*, No. 128 (2005): 466–76.

John Sherry Jr., the Herrick Professor and Dept. of Marketing chair, published "Welcome to the Black Rock Café" (with R. Kozinets), *Afterburn: Essays on Burning Man*, eds. M. Van Proyen and L. Gilmore (Albuquerque: Univ. of New Mexico Press, 2005): 87–106; and "Brand Meaning" in *Kellogg on Branding*, eds. A. Tybout and T. Calkins (New York: John Wiley, 2005): 40–69.

Stephen E. Silliman, professor of civil engineering and geological sciences and fellow in the Center for Social Concerns, published "Demonstration of Microbial Transport into the Capillary Fringe via Advection from Below the Water Table" with S. Dhamwichukorn; **Charles F. Kulpa**, professor and chair of the Dept. of Biological Sciences; and A.M. Dunn, *Journal of Hydrology* 306 (2005): 50–58.

Thomas Gordon Smith, professor of architecture, published "Architecture and Active Participation" in *Antiphon: A Journal for Liturgical Renewal* 9, No. 2 (2005).

Andrew J. Sommese, the Duncan Professor of Mathematics, published "Introduction to Numerical Algebraic Geometry" with J.

Vershelde and **Charles W. Wampler**, adjunct professor of mathematics, in *Solving Polynomial Equations: Foundations, Algorithms, and Applications*, ed. A. Dickstein and I. Emiris (Springer Verlag, 2005): 301–37.

John W. Stamper, associate professor and associate dean, School of Architecture, published *North Michigan Avenue: A Building Book from the Chicago Historical Society* (San Francisco: Pomegranate Press, 2005): 64 pp.

Yang Sun, visiting associate professor of physics, published with **Ani Aprahamian**, professor and chair of the Dept. of Physics, "Long live Isomer Research," *Nature (Physics)* 1 (2005): 81.

Edward Vasta, professor emeritus of English, published "My Notre Dame Victories," *Notre Dame Magazine Online*, (Oct.).

Michael R. Welch, associate professor of sociology, published "Determinants and Consequences of Social Trust" with R. Rivera, et al., *Sociological Inquiry* 75 (2005): 45–73; "Familial and Religious Influences on Adolescent Alcohol Use: A Multi-Level Model of Students and School Communities" with T. Bjarnason, et al., *Social Forces* 84 (2005): 375–90; and "But Everybody Does It...: The Effects of Perceptions, Moral Pressures, and other Counteractive Forces on Tax Cheating" with X. Xu, et al., *Sociological Spectrum* 25 (2005): 21–52.

John P. Welle, professor of Romance languages and literatures, concurrent professor in the Dept. of Film, Television and Theatre, and Nanovic Institute fellow, published "Un dono alla storia del cinema," *Bianco e Nero* 550/551 (2004–05): 67–69.

Rev. Oliver F. Williams, CSC, director of the Center for Ethics and Religious Values in Business, and fellow of the Kroc Institute, published "Growing Divide between Values of Business and Society Needs More Attention," *Cape Times* (July 4); "South Africa Needs Moral Leadership to Retain Legitimacy," *ibid.*: (July 31); and "Restoring Public Trust in Business: The Crucial Role of Good Corporate Governance" in *Proceedings of Managing in a Global Economy X1 of the Eastern Academy of Management* (July).

Andreas Wöhr, research assistant professor of physics, published "Structure of

Neutron-Rich Even-Even $^{124,126}\text{Cd}$ ” with **Ani Aprahamian**, professor and chair of the Dept. of Physics, et al., *European Physical Journal A, Suppl. 01* 25 (2005): 117–18; “New Level Information on $Z=51$ Isotopes, $^{111}\text{Sb}_{60}$ and $^{134,135}\text{Sb}_{83,84}$ ” with J. Shergur, et al., *ibid.*: 121–22; “Recoil Decay Tagging Study of ^{146}Tm ” with A.P. Robinson, et al., *ibid.*: 155–57; “Particle-Core Coupling in the Transitional Proton Emitters $^{145,146,147}\text{Tm}$ ” with D. Seweryniak, et al., *ibid.*: 159–60; “Isobaric Analog States of Neutron-Rich Nuclei: Doppler Shift as a Measurement Tool for Resonance Excitation Functions” with Ani Aprahamian, **James J. Kolata**, professor of physics, **Larry O. Lamm**, research associate professor of physics, et al., *ibid.*: 259–60; “Coulomb Excitation and Transfer Reactions with Neutron-Rich Radioactive Beams” with D.C. Radford, et al., *ibid.*: 383–87; “ r -Process Isotopes in the ^{132}Sn Region” with K.-L. Kratz, et al., *ibid.*: 633–38; “the Half-Life of the Doubly Magic r -Process Nucleus ^{78}Ni ” with Ani Aprahamian, et al., *ibid.*: 639–42; “Level Structure of Odd-Odd ^{134}Sb Populated in the β -Decays of $^{134,135}\text{Sn}$ ” with J. Shergur, et al., *Physical Review C* 71 (2005): 064321; “Identification of Low-Spin States in ^{111}Sb : Test of Spin-Orbit Coupling in Light Nuclei” with J. Shergur, et al., *ibid.*: (064323); and “Identification of Shell-Model States in ^{135}Sb Populated via β -Decay of ^{135}Sn ” with J. Shergur, et al., *ibid.*: 72: 024305.

Eduardo Zambrano, assistant professor of finance, published “Testable Implications of Subjective Expected Utility Theory,” *Games and Economic Behavior* 53, No. 2 (Nov.).

Administrators' Notes

Activities

Alan S. Bigger, director of Building Services, was the keynote speaker at the “International Executive Housekeepers’ Convention” on Oct. 21, in Las Vegas, where he presented “Are You Playing With a Full Deck? Visioning is More than Shuffling Cards.”

Richard F. Klee, tax director, presented “Advanced Tax Forms and Filings” at the annual National Association of College and University Business Officers’ “Tax Forum” on Oct. 24.

Rex Rakow, director of Notre Dame Security Police, presented the graduation address to the 162nd Basic Recruit Academy Class of the Indiana Law Enforcement Academy in Plainfield, on Aug. 19.

Susan Steibe-Pasalich, director, University Counseling Center, presented “Relocating a Counseling Center into New Space on Campus: Lessons Learned” and “The New Sheriff in Town: An Exploration of Issues Related to Transitioning into the Role of Counseling Center Director” at the Association for University and College Counseling Center Directors’ annual conference in Minneapolis, Oct. 21–25; and was featured in the August 2005 publication of the American Psychological Association’s *Monitor*, highlighting competency-based supervision.

Publications

Alan S. Bigger, director of Building Services, published “Improve Industrial Cleaning Methods” with L.B. Bigger, at http://www.cmmonline.com/HowTo.asp?H_ID=1465; and “The Battle of the Bowl: Restroom Cleaning is Serious Business” with L.B. Bigger, *Executive Housekeeping Today* 26, No. 11 (Nov): 68+

David M. Morrissey, assistant vice president for University Relations, contributed to the article titled “Culture Club: Training Volunteers for the Long Run” in *Currents* (Sept.).

Thomas Scheck, research associate and postdoctoral Bradley fellow in the Maritain Center, reviewed *The Westminster Handbook to Origen*, J.A. McGuckin, ed. (Louisville: Westminster John Knox Press, 2004) in *Adamantius* 11 (2005): 526–29.

Documentation

Errors and Omission

In Volume 34, No 19/20 issue of *Notre Dame Report*, an incorrect title was published for a proposal submitted by Theresa Delgadillo. The correct title is "Spiritual Mestizaje: Religion, Race, Gender and Trans)Nation in Contemporary Chicana Narrative."

Faculty Board on Athletics University of Notre Dame

Meeting of September 7, 2005

Room 331 of the Coleman-Morse Centers

Members Present: Prof. Fernand Dutille (Chair); Prof. Patricia Bellia; Prof. Harvey Bender; Prof. Eileen Botting; Mr. Bobby Brown; Prof. Francis Castellino; Prof. Stephen Fallon; Mr. Patrick Holmes; Prof. David Kirkner; (Rev.) Mark Poorman, C.S.C.; Prof. Donald Pope-Davis; Prof. F. Clark Power; Prof. John Weber; and Dr. Kevin White.

Member Absent: Dr. Frances Shavers.

Observers Present: Ms. Missy Conboy, Mr. Mike Karwoski and Mr. Stan Wilcox of the Department of Athletics; Ms. Kitty Hoye, recorder.

Guests: Mr. Jeff Jackson, head coach, hockey; Ms. Carrie Nixon, head coach, women's swimming.

1. Call to Order and Prayer: The Chair called the meeting to order at 3:05 p.m.; Father Poorman led the group in prayer.

2. Introductions: Since this was the first Board meeting of the year, the Chair invited those present to introduce themselves. [The 2005–06 edition of the Faculty Board on Athletics includes two new members: Dr. Frances Shavers, Executive Assistant to the President of the University; and Prof. Frank Castellino, elected to the Board by the College of Science].

3. Announcements: The Chair announced that he had approved the fall 2005 schedule for men's and women's cross-country. (Although that schedule calls for six missed-class days in the Monday-Wednesday-Friday sequence, no individual student-athlete will miss more than three.) The Chair also approved schedules for men's and women's indoor track and field; volleyball; hockey; women's tennis; men's tennis; women's swimming; men's swimming; football; softball; rowing (fall 2005 only); men's lacrosse; and cheerleading (Gold Unit–fall 2005 only). The Chair also noted for the record that the Board had approved through listserv votes the schedules for women's golf; men's golf; and outdoor track and field.

The Chair announced his approval, on the Board's behalf, of amendments to the schedule for women's soccer (adding Thursday, August 25, 2005, as a missed-class day); and men's soccer (adding Thursday, September 15, 2005, as a missed-class day). Even after these amendments, both schedules remain within University guidelines.

The Chair announced that he had approved, on the Board's behalf, the following captaincies for the 2005–06 academic year: Meg Henican and Lauren Brewster (volleyball); Megan Duffy and Courtney LaVere (women's basketball); Tim Moore, Sean O'Donnell and Kurt Benninger (men's cross-country); Lauren Connelly (women's tennis); Heidi Schindler and Steve Rzepka (cheerleading–Gold Unit); Katy Marvin and Gabriella Obregon (cheerleading–Blue Unit); Mark Baldwin, Scott Gustafson and Cole Isban (men's golf); and Katie Brophy and Suzie Hayes (women's golf).

The Chair informed the Board that Patrick Buchanan has been named captain for men's tennis. (The two names listed in the Board's minutes for an earlier meeting actually comprised a slate from which selection of the actual captain took place.)

At this point, the Board ratified these decisions of its Chair.

The Chair informed the Board that on June 17 the faculty athletics representatives of the Big East Conference voted unanimously to seek a rescission of the conference's decision to include Friday games in typical weekend scheduling for baseball. Under the new arrangement, teams would play single games on Friday, Saturday and Sunday, rather than a "doubleheader" on Saturday and a single game on Sunday. The change carries serious, negative implications for class attendance. Maintaining Notre Dame's current class-miss policy for baseball, and ultimately and inevitably for other sports as well, would likely become impossible.

The Chair noted for the record that, through an e-mail vote, the Board had elected Prof. Castellino as its delegate to the University Committee on the Drug Testing of Student-Athletes.

The Chair noted that he had sent copies of the 2005–06 edition of the *FBA Manual* to all members of the Board and to all head coaches.

Finally, the Chair announced that University president Father John Jenkins, C.S.C., would speak to the Board at its next meeting (October 5, 2005).

4. Introduction of New Hockey Coach: The Faculty Board on Athletics has traditionally met with all newly appointed head coaches. In keeping with that tradition, the Chair introduced Mr. Jeff Jackson, new head coach for hockey. In introducing him, the Chair pointed out that Coach Jackson had won two national championships while at Lake Superior State and, in the year between these two, competed in the national championship game. In 2003, the magazine *Inside College Hockey* listed Coach Jackson as number twelve on the list of the greatest college hockey coaches ever. Coach Jackson came to Notre Dame after two years as an assistant coach for the New York Islanders. Coach Jackson expressed his appreciation to the Board not only for the opportunity to meet with it today, but also for the "important work" done by the Board. Academics, he stressed, remain of prime importance to him as a head coach. As a matter of fact, the only dismissal he experienced as a coach stemmed from the commitment to academic standards reflected in his having suspended twelve players. He takes pride in

the academic accomplishments of his student-athletes. In addition, during his brief tenure as a director of athletics, he actually created a board similar to the Faculty Board on Athletics. He remains proud of that achievement. Currently he spends most of his time at Notre Dame getting to know the players. He does find their character impressive and, on average, their academic achievement sound, indeed; currently, the team boasts a 3.4 grade-point average. The Chair: How has your transition from Long Island to South Bend worked out? Coach Jackson: I certainly do not miss the commute I had in my former situation. I really think I am more inclined to be a "Midwesterner" in many ways. The Chair: What are your thoughts on the Central Collegiate Hockey Association (CCHA) as presently constituted? Coach Jackson: Even during my professional career, I have maintained fairly close contact with the CCHA. There does exist a pretty real divide between some schools; some, in fact, want to separate from the CCHA. I am concerned that smaller schools will no longer be able to go to the "big dance" as often, if ever. These smaller schools do not have the resources to sustain themselves at the elite level for any number of years. Prof. Castellino asked Coach Jackson for his thoughts on access and recruiting at the high-school level, including in premier hockey areas like Minnesota and New England. Coach Jackson replied that not all the traditional hockey locations even have high-school teams. Many hockey players progress through travel leagues and AAU competition. To a question put by Prof. Weber concerning the coach's aspirations for the program, the coach responded that his short-term goal is "to out-work and out-discipline our opponents. I've got to reserve judgment on the quality of our players until we have a chance to get out on the ice. But coaches don't decide where to coach without a reason; they want to win. Notre Dame has a lot to offer. I thus see this as an opportunity to build something big and then to sustain it." The Chair thanked Coach Jackson for meeting with the Board and wished him good luck and much success.

5. Report on the Honor Code: Mr. Holmes reported that Prof. Dennis Jacobs, vice president and associate provost, had formed a committee to address issues

concerning the new University Honor Code as it relates to student-athletes. That committee includes three members of the Faculty Board on Athletics: Mr. Holmes, Prof. Bender and Prof. Dutile. The committee seeks to deploy a proactive program in communicating to our student-athletes and other people associated with athletics the changes in the Honor Code and the importance of adhering to it. The issue of honor, said Mr. Holmes, presents a number of considerations and implications. For example, the Office of Academic Services for Student-Athletes employs over a hundred tutors. If even one of those becomes involved in an Honor Code violation, the University faces an issue of academic integrity and a possible NCAA violation.

This summer, Mr. Holmes continued, twenty-four student-athletes took part in the Bridge Program. Under that program, student-athletes who show the greatest likelihood of profiting from an early introduction to Notre Dame come to the University during the summer preceding their first academic year. Prof. Jacobs met with these new students, as well as with their coaches, to explain the Honor Code. It is obviously crucial that coaches be "on board" and understand the seriousness of Honor Code requirements. These coaches constitute an important link for communicating with student-athletes. We have always talked about the Honor Code during orientation, but coaches are critical if students are going to "get it." Prof. Castellino noted the importance of the coach as role model; if the student-athlete has not been recruited ethically, that student-athlete may not trust the coach. Mr. Holmes stated that the education of student-athletes concerning such issues will continue through meetings of groups of about twenty-five student-athletes in a workshop-seminar format. Mr. Holmes informed the Board that from September 9 through September 20 discussions with all of the coaches will take place to impress upon them the significance of their involvement in the process. Once those meetings have occurred, the twenty-five-person groups of student-athletes will be set up. The Chair noted that honesty has become a huge issue across the country. The matter seems cultural to the extent that much of what would have been considered "wrong" years ago is now often considered an "entitlement" of sorts. We need to

change attitudes, but how best to do that? Prof. Castellino expressed his view that honor codes rely on students "turning in" other students; the reality, he added, is that students will rarely do that. In response to Father Poorman's question concerning the substance of the workshops, Mr. Holmes responded that a large number of hypothetical situations are used in order to make correlations among behaviors. For example, a scenario in the non-academic context will be compared with a parallel scenario in the academic context. Father Poorman found this approach very encouraging. In the past, he noted, discussion has revolved around the policy and the rules within the Honor Code. The current approach is more concrete and therefore much better. Prof. Fallon thought it important to look at the general culture. What do peers think about cheating? Only the ten percent to fifteen percent who work hard really care. The rest do not. Prof. Fallon observed that Notre Dame faces twice the problem presented at schools under whose honor code students do in fact regulate each other. The Chair: But honor codes have run into problems even at military schools; the problem is very complicated. Prof. Weber stressed the importance of providing multiple exposures to the Honor Code. Students at all levels of education, as well as teachers and student-athletes, should get a variety of presentations. Prof. Weber alluded to one situation in which fifty-nine percent of the students witnessed a wrong, but only three percent were willing to turn the wrongdoer in. Prof. Castellino stated that the situation at Notre Dame is extremely complex. We preach "family" and "brotherhood." This creates bonds among students that are very hard to break. Some students would never turn their "brother" in for anything. That same strong bond also makes others more forgiving. For student-athletes, these bonds may be even stronger. Alas, thus is our strength also our weakness. Professor Fallon felt that the success of an honor code depended on the extent to which an institution embraces the entire concept of honor. At Princeton, for example, not much cheating occurs, his experience tells him. It is a different place. The people feel bound by honor and consider it honorable to turn in someone who cheats. For Notre Dame to get serious about the Honor Code, it must embrace the concept fully, that is, exams

must not be proctored and the system must be student-run. Prof. Weber stated that at least one dimension has in fact improved under the new Honor Code. In the past, a faculty member pursuing observed misbehavior faced a very time-consuming process. Now the faculty member and the student involved can agree between themselves to deal with the matter in a particular way. The Chair added that a student's involvement will now be centrally recorded so that repeated violations can be detected; that too is a positive change. Prof. Bender stressed how serious and committed to the Honor Code the Office of the Provost is. Nonetheless, he wondered whether an honor code works really well at any institution. If any university can make an honor code work, he added, Notre Dame should be the one. Whether the new Honor Code at Notre Dame will work better overall remains to be seen, but justice will likely be quicker. We will perhaps see more student-faculty agreements. Prof. Power expressed his concern that allegedly eighty percent to ninety percent of high-school students report having engaged in or witnessed some form of cheating. He agreed that students need to be educated, but also that we need to develop ways of coping. We must build a culture that recognizes the needs of the community. Students must know that, through cheating, they let down the community because the community cares. We must discuss this aspect of the issue. Prof. Power observed that a number of military schools have spent a lot of time on the issue. In those institutions, the community is disappointed with the student who cheats. These schools have had success in building this type of culture. Mr. Brown, conceding the validity of much of the discussion, strongly suggested that the Board look further into the unique relationship between the student-athlete and the professor. Further investigation might provide a tip-off to other things. The discussion ended at this point.

6. Introduction of New Head Coach for Women's Swimming: The Chair introduced Ms. Carrie Nixon, the new head coach for women's swimming. The Chair pointed out that this 2002 Notre Dame alumna boasted eighteen Big East Titles. A twelve-time All-American, she formerly held the NCAA 50-meter freestyle record.

While at Notre Dame, she won the Francis Patrick O'Connor Award, given annually to one female and one male student-athlete who best exemplify the spirit and leadership prized at Notre Dame. Ms. Nixon is the first female student-athlete at Notre Dame to become head coach at her alma mater. Ms. Nixon expressed her great excitement at being head coach at Notre Dame. She views her appointment as an opportunity to build from the inside out. Her philosophy, she stressed, is simple. First and foremost, Notre Dame is a special place and, therefore, we must recruit special people, people who have a commitment to both academics and athletics. The two must go hand in hand. Such special students will be committed to excellence both in the classroom and in the pool. She plans as head coach to emphasize the message that was stressed when she was a student-athlete: Maintain the excitement of being at Notre Dame and enjoy, physically, mentally and spiritually, the experience that is Notre Dame and that encompasses the classroom, dorm life and team life. Ms. Nixon pointed out that she began her education here in pre-med and science, but decided to branch out. This opportunity to wade into other disciplines constitutes part of the real beauty of Notre Dame. As it turned out, she added, she did a double major "of sorts" in anthropology. She alluded to the ability of professors here to make "all the difference in the world." She finished by thanking the members of the Board for the opportunity to speak before them and, as well, for their service on the Board. The Board, she felt, could be a great recruiting tool for the special kind of student we look for.

7. Reports of Subcommittee Chairs: Prof. Botting, Chair of the Subcommittee on Student Welfare, told the Board that the subcommittee this academic year would focus on learning more about student-athletes' perceptions of their opportunities for religious worship, both during team travel and on campus. The subcommittee is particularly interested in the extent to which non-Catholic student-athletes experience adequate opportunities for religious worship and expression. As outlined by the subcommittee last spring, it plans to work with the Department of Athletics to study existing survey data on this issue and discuss whether other means (such as focus

groups or supplementary questions for existing surveys) might appropriately reveal more about the issue. After acquiring more data, the subcommittee will report back to the Board for suggestions on proceeding further.

Members of the subcommittee will attend meetings of the Student Athlete Advisory Council (SAAC) to learn the current concerns of student-athletes. At these meetings the subcommittee will raise questions on issues that have long concerned student-athletes and the Faculty Board, including access of student-athletes to quality sports medicine and training-room facilities on campus. The subcommittee remains anxious to see the extent to which the Guglielmino Athletics Complex contributes to improvement of student-athletes' views on such issues.

This subcommittee, Prof. Botting continued, shares with the Subcommittee on Academic Integrity an enduring concern with the current class-absence policy for student-athletes and its implementation across the various teams. Certainly, the protection of student-athletes from the diminution of their educations in order to be part of a "winning" athletics team presents a serious student-welfare issue.

Finally, the subcommittee plans to work with the Department of Athletics to assess and revise the current hearing procedures for the denial of the one-time-transfer exception. Although those procedures technically constitute a policy of the Department of Athletics, members of the Faculty Board on Athletics serve as the hearing panel and the provisions appear in the *FBA Manual*. Written before the spring 2000 change in the structure of athletics oversight at Notre Dame, the policy needs rewriting concerning those implementing the policy, a streamlining of the procedure for requesting a hearing, and perhaps clearer and more precise criteria for the ultimate decision.

Prof. Power, Chair of the Subcommittee on Communication, informed the Board of that group's plans for this academic year. The subcommittee will review the provision (Article IV, section 3(k) of the *Academic Articles*) setting out the composition, jurisdiction and duties of the Faculty Board on Athletics in order to ascertain whether to

pursue changes, including perhaps the term limits currently specified for the Board's Chair. (The Chair made clear at this point that any such change would apply prospectively only and not, therefore, to him). Prof. Power noted that the subcommittee would also consider proposing changes in the University's *Statement of Principles for Intercollegiate Athletics*. Such proposals might include clarification of the roles of the University Board of Trustees and of the Faculty Board on Athletics with regard to University personnel decisions dealing with athletics. Finally, the subcommittee will organize a meeting with various academic advisors on campus to discuss issues of common concern with regard to student-athletes.

Prof. Bender, Chair of the Subcommittee on Academic Integrity, outlined the plans of that group for the current academic year. The subcommittee will consider whether to allow student-athletes in their ninth semester the flexibility to take only the number of credits required to complete their undergraduate degree (as they may now do in their eighth semester). The subcommittee will consider whether the criteria for off-campus residence applied to grant-in-aid student-athletes should be changed. The subcommittee plans to re-visit the class-miss policy for student-athletes, with a focus on teams whose sport—for example golf—makes scheduling within current guidelines difficult. The group will pursue the presentation, hopefully in the fall of 2006, of a conference on "Sport and Religion."

8. Adjournment: The Chair adjourned the meeting at 5:00 p.m.

Research

Awards and Proposal Summary

10/01/2005 to 10/31/2005

Awards Received

Category	No.	Amount
Research	24	\$2,729,019
Total:	24	\$2,729,019

Proposals Submitted

Category	No.	Amount
Research	92	\$18,776,047
Instructional Programs	3	\$2,227,613
Total:	95	\$21,003,660

October 2005 Cumulative summary

Awards Received

	07.01.2003 - 10.31.2003		07.01.2004 - 10.31.2004		07.01.2005 - 10.31.2005	
Category	No.	Amount	No.	Amount	No.	Amount
Research	148	\$25,534,821	144	\$34,725,955	128	\$24,982,832
Facilities and Equipment						
Instructional Programs	8	\$1,166,443				
Other Programs	1	\$62,500				
Service Programs						
Total:	157	\$26,763,764	144	\$34,725,955	128	\$24,982,832

Proposals Submitted

	07.01.2003 - 10.31.2003		07.01.2004 - 10.31.2004		07.01.2005 - 10.31.2005	
Category	No.	Amount	No.	Amount	No.	Amount
Research	259	\$103,712,956	246	\$77,662,979	273	\$60,160,951
Facilities and Equipment						
Instructional Programs	2	\$88,533	7	\$2,420,561	3	\$2,227,613
Other Programs					1	\$5,000
Service Programs						
Total:	261	\$103,801,489	253	\$80,083,540	277	\$62,393,564

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 that 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 research@nd.edu or 631-4670 if you are aware of any proposals or awards that have not been properly credited to a center or institute.

Awards received during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Awards for Research</u>				
Department or Office:	Aerospace and Mechanical Engineering			
Corke, Thomas C. (Center or Institute)	Wing High-Lift Augmentation Using Single-Dielectric Barrier Discharge Plasma Actuators	Corporate Funding	\$117,777	2
Jumper, Eric J. Gordeyev, Stanislav V. Cavalieri, David (Center or Institute) Rennie, Robert M.	Aero-Optical Modeling and Validation for HEL Systems	Corporate Funding	\$204,185	12
Morris, Scott C. (Center or Institute)	Experiments in Sound and Structured Vibration Using Air-Analog Model Ducted Propulsion Systems	Department of Navy	\$100,000	36
Department or Office:	Biological Sciences			
Ferdig, Michael T. (Center or Institute)	Genetic Study of Cryptosporidium parvum	Tufts University School of Veterinary Medicine	\$45,000	24
Department or Office:	Chemical and Biomolecular Engineering			
Brennecke, Joan F. Stadtherr, Mark A.	Subcontract from the Center for Environmentally Benign Catalysis	University of Kansas	\$37,170	30
Department or Office:	Chemistry and Biochemistry			
Clark, Patricia L.	Influence of Translation on Protein Folding	National Institutes of Health	\$275,959	60
Department or Office:	Civil Engineering and Geological Sciences			
Westerink, Joannes J.	ADCIRC-CZMS-Coastal Zone Modeling Systems for Circulation, Transport and Morphology: Development and Applications	U.S. Army Corps of Engineers	\$77,760	36

Awards received during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Westerink, Joannes J.	Development of a Gulf of Mexico Storm Surge Model from Texas to Florida	Corporate Funding	\$141,000	5
Department or Office:	Computer Science & Engineering			
Flynn, Patrick J. Bowyer, Kevin W.	Center for Advanced Biometric Research and Evaluation	Department of Justice	\$246,661	36
Department or Office:	Electrical Engineering			
Jena, Debdeep (Center or Institute)	Distributed Polarization Induced P-Type Doping in III-V Nitride Semiconductors	Department of Navy	\$90,000	36
Merz, James L. Snider, Gregory L. (Center or Institute)	Near-Field Optical Investigation of Si/Ge Quantum Dots (MRSEC Seed Project)	University of Virginia	\$100,000	83
Seabaugh, Alan C. Fay, Patrick J. Bernstein, Gary H. (Center or Institute) Collins, Oliver M.	Mixed Signal Nanoelectronics	Department of Navy	\$270,233	48
Department or Office:	History			
Hamlin, Christopher S.	An Industry of Authority: The Chemist and the City, 1780-1911	Private Foundation	\$45,000	9
Department or Office:	Mathematics			
Himonas, Alex A. Cao, Jianguo Misiolek, Gerard K. Stanton, Nancy K. Shaw, Mei-Chi	International Conference in PDE, Complex Analysis and Differential Geometry, in honor of M. Salah Bauendi	National Science Foundation	\$20,000	12

Awards received during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Physics				
Eskildsen, Morten R.	Joint ND/Argonne Graduate Student RA (Ruobing Xie)	Argonne National Laboratory	\$26,113	12
Eskildsen, Morten R.	Joint ND/Argonne Graduate Student RA (Ruobing Xie)	Argonne National Laboratory	\$882	12
Garnavich, Peter M. (Center or Institute)	Probing the Equation of State of the Dark Energy with Supernovae	Harvard University	\$60,000	36
Wiescher, Michael C. (Center or Institute)	Neutron-capture Nucleosynthesis in Stellar Environments (Marco Pignatari)	Los Alamos National Laboratory	\$13,035	12
Department or Office: Psychology				
Bergeman, Cindy S. Boker, Steven M. Ong, Anthony Lubke, Gitta Chow, Sy Miin	Notre Dame Study of Resiliency in Later Life Health	National Institutes of Health	\$300,000	60
Borkowski, John G McKenna, James J. Maxwell, Scott E. Boker, Steven M. LeClere, Felicia B. (Center or Institute)	Predicting and Preventing Neglect in Teen Mothers	National Institutes of Health	\$200,000	36
Department or Office: Radiation Laboratory				
Meisel, Dan (Center or Institute)	Metal-Oxide Nanotube Composites: Synthesis and Applications	United States-Israel Binational Science Foundation	\$23,000	12

Awards received during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Sociology				
Cardenas, Gilberto Ready, Timothy (Center or Institute)	Children and Families in Latino Communities	Private Foundation	\$100,000	10
Cardenas, Gilberto (Center or Institute)	National Latino Overweight and Obesity Education and Awareness Prevention Initiative - 2005 OMH Umbrella CAP	Health & Human Services	\$195,000	60
Fast, Larissa A. Appleby, Robert S. (Center or Institute)	Defining Dangerous: Humanitarian Security and the Challenge to Humanitarian Action	U.S. Institute of Peace	\$40,244	15

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Proposals for Research</u>				
Department or Office:	Aerospace and Mechanical Engineering			
Corke, Thomas C.	Wing High-Lift Augmentation Using Single-Dielectric Barrier Discharge Plasma Actuators	Corporate Funding	\$117,777	3
Jumper, Eric J. Cavalieri, David	Adaptive Optics Compensation for Aero-Optics Line-of-Sight Disturbance	Department of the Air Force	\$100,000	10
Renaud, John E. Roeder, Ryan K.	Multifunctional Design of Self Powered, Load Bearing Structures	Virginia Polytechnic Institute and State University	\$750,000	60
Sen, Mihir Corona, Edmundo	Experimental and Numerical Studies of Ureteral Peristalsis	National Science Foundation	\$293,945	36
Skaar, Steven B.	Visually Guided Bag Palletizing and Depalletizing	Corporate Funding	\$49,500	12
Department or Office:	Anthropology			
Blum, Susan D.	Plagiarism, Intertextuality, and the Performance Self: Undergraduates Writing in the Academy	Private Foundation	\$40,000	9
Department or Office:	Art, Art History and Design			
Dibble, Jean A.	The Library is on Fire	Private Foundation	\$40,000	9

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Rhodes, Robin F.	Final Publication of the Seventh Century Temple on Temple Hill in Corinth	Private Foundation	\$40,000	12
Rhodes, Robin F.	Final Publication of the Seventh Century Temple on Temple Hill in Corinth	Private Foundation	\$40,000	9
Department or Office:	Biological Sciences			
Adams, John H.	Developing a Transposon-based Toolkit for Genetic Analysis of Malaria Parasites	National Institutes of Health	\$226,500	12
Adams, John H.	The Regulation of Plasmodium Falciparum Erythrocyte Entry	University of Alabama, Birmingham	\$142,382	12
Ferdig, Michael T.	Determinants of growth and fitness in chloroquine-adapted malaria parasites	National Institutes of Health	\$364,593	12
Fraser, Malcolm J.	PiggyBac based enhancer trap mutagenesis in Zebrafish	National Institutes of Health	\$187,500	12
Hager, Kristin M.	Secreted Virulence Factors	National Institutes of Health	\$75,000	12
Hager, Kristin M.	Toxoplasma pathogenesis via host cytoskeleton remodeling	Private Foundation	\$400,000	60

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Hager, Kristin M. Fraser, Malcolm J. Adams, John H.	Functional Genomics Analysis of Toxoplasma Gondii	National Institutes of Health	\$150,000	12
Lamberti, Gary A.	Climate-Driven Hydrological Threshold Effects on Streams in the Sycan Basin, OR	University of Oregon	\$162,636	36
Li, Lei	Searching for age-related visual system mutations	National Institutes of Health	\$300,000	12
Lodge, David M. Hellmann, Jessica J.	Impact of Climate Change on Human-Mediated Dispersal of Native and Non-Native Species	Environmental Protection Agency	\$878,427	36
Department or Office:	Chemical and Biomolecular Engineering			
Mukasyan, Alexander S.	Materials World Network: Fundamental Studies on Effect of Mechanical Activation on High-Temperature Synthesis of Advanced Materials	National Science Foundation	\$317,443	36
Palmer, Andre F.	Mechanically Stable Blood Substitutes	National Institutes of Health	\$375,000	12
Palmer, Andre F.	Stealth Bovine Red Blood Cells	National Institutes of Health	\$187,500	12

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Palmer, Andre F.	Enhanced O2 Delivery to C3A Hepatocytes	National Institutes of Health	\$375,000	12
Schneider, William F.	Towards Realistic Models of Heterogenous Catalysis: Simulations of Redox Catalysis from First Principles	Department of Energy	\$984,067	48
Department or Office:	Chemistry and Biochemistry			
Bartels, David M.	Generation IV Supercritical Water Reactor: Water Radiation Chemistry	Idaho National Laboratory	\$215,000	34
Helquist, Paul Wiest, Olaf G.	Chiral Ligands for Metal-Catalyzed Reactions	National Institutes of Health	\$287,500	12
Kamat, Prashant V.	A Supramolecular Approach to Phenyleneethylene Based Nanostructured Luminescent Materials	National Science Foundation	\$202,813	36
Wiest, Olaf G.	Antimicrobial Drug Discovery Scheme for Multi-Drug Resistant Bacteria	University of Pittsburgh	\$118,321	12
Department or Office:	Civil Engineering and Geological Sciences			
Burns, Peter C.	Materials Research World: Sythesis, Structures and Properties of Uranium-Based Nanomaterials	National Science Foundation	\$510,493	36

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Kareem, Ahsan Kijewski-Correa, Tracy L.	Performance Evaluation of Tall Buildings Under Winds: From Predictive Methods to Laboratory and Full-Scale Measurements	National Science Foundation	\$365,570	36
Westerink, Joannes J.	Development of a Gulf of Mexico Storm Surge Model from Texas to Florida	Corporate Funding	\$141,000	5
Department or Office:	Computer Science & Engineering			
Scheutz, Matthias J. Bauer, Peter H.	Ultra-Low Complexity Coordination of Large-Scale Mixed Autonomous UGV-UAV Teams	Department of Army	\$329,798	36
Scheutz, Matthias J. Boyd, Sunny K.	Neurochemical Control of Aggression: A Computation Model for Social Behavior	National Institutes of Health	\$75,000	12
Department or Office:	East Asian Languages and Literatures			
Ge, Liangyan	Pre-Modern Chinese Fiction and the Civil Service Examinations	Stanford Humanities Center	\$50,000	9
Ge, Liangyan	Pre-Modern Chinese Fiction and the Civil Service Examinations	National Humanities Center	\$36,480	9
Department or Office:	Electrical Engineering			
Fay, Patrick J.	Advanced Sensors for Millimeter-wave Detection	National Science Foundation	\$249,660	36

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Fay, Patrick J.	X-band InP DHBT Amplifiers	Corporate Funding	\$32,794	6
Fay, Patrick J.	Measurement of SiGe-based Backward Diode Detectors	Ohio State University	\$6,000	36
Fay, Patrick J.	InP-based tunneling oscillators for THz applications	Corporate Funding	\$32,964	6
Hall, Douglas C.	High-Index-Contrast Waveguides for Enhanced Optoelectronic Devices and Integration	National Science Foundation	\$325,755	36
Hall, Douglas C.	High-Power, Diode-Pumped Alkali Dimer Molecule Gas Lasers	University of Illinois-Urbana-Champaign	\$160,000	12
Jena, Debdeep Chang, Hsueh-Chia Kuno, Masaru K.	A Nanowire Array Based Pathogen Detection System	National Science Foundation	\$404,596	36
Merz, James L. Mintairov, Alexander	Materials World Network: Synthesis and Fundamental Properties of InGaN Photonic Nanostructures	National Science Foundation	\$396,838	36

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Merz, James L.	FRG: Tailoring the Properties of Dilute Nitride Semiconductor Heterostructures	University of Michigan	\$376,336	36
Porod, Wolfgang Hahn, Alexander J.	Notre Dame RET Site in Engineering	National Science Foundation	\$450,000	36
Seabaugh, Alan C.	Piezoflexure-enabled nanofabrication	National Science Foundation	\$244,153	36
Snider, Gregory L.	Directed Assembly of Epitaxial Semiconductor Nanostructures	National Science Foundation	\$417,775	36
Xing, Huili	Collaborative Research: GaN-based Piezoresistive nanoelectromechanical systems: material, fabrication and operation	National Science Foundation	\$180,000	36
Department or Office:	German and Russian Languages and Literatures			
Marullo, Thomas G.	Fyodor Dostoevsky's The Possessed and the Poetic of the Man-God	National Humanities Center	\$42,000	9
Marullo, Thomas G.	Thou Shalt Not Have Strange Gods Before Me: Fyodor Dostoevsky's The Possessed and the Poetic of the Man-God	Stanford Humanities Center	\$36,000	9

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: History				
McGreevy, John T.	The Catholic Revival in the United States, 1848-1876	Private Foundation	\$40,000	9
Meserve, Margaret H.	A Renaissance of News: The Italian Market in Printed Political Information, 1470-1527	Private Foundation	\$30,000	12
Meserve, Margaret H.	A Renaissance of News: The Italian Market in Printed Political Information, 1470-1527	Harvard University	\$45,000	9
Przybyszewski, Linda	Who Won the Bible War?: Law, Confessionalism, and the State in 19th Century America	Private Foundation	\$40,000	9
Przybyszewski, Linda	Who Won the Bible War?: Law, Confessionalism, and the State in 19th Century America	Private Foundation	\$40,000	12
Department or Office: Irish Language and Literature				
McKibben, Sarah E.	Contesting Masculinity: Gender, Colonialism, and Sexuality in Early Modern Literature in Irish, 1540-1780	Private Foundation	\$30,000	9

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Law School				
Phelps, Teresa G.	Re-Membering: The Role of Personal Stories in Building Sustainable Peace	Private Foundation	\$50,000	-3
Department or Office: Mathematics				
Himonas, Alex A. Cosimano, Thomas F.	Collaborative Research: Exploring Financial Economic Problems Using Analytic Methods	National Science Foundation	\$215,803	36
Migliore, Juan C.	Hilbert Functions and Multiplicity	National Security Agency	\$51,249	24
Xavier, Frederico J.	Applications of Analysis to Geometric Problems	National Science Foundation	\$152,385	36
Department or Office: Philosophy				
Gersh, Stephen E.	Proclus and the History of Platonism	Princeton University	\$40,000	9
Gersh, Stephen E.	The Byzantine Proclus	Private Foundation	\$20,000	4
Department or Office: Physics				
Dobrowolska-Furdyna, Malgorzata Liu, Xinyu Furdyna, Jacek K.	Electron Spin Effects in Semiconductor Nanostructure	National Science Foundation	\$524,389	48
Eskildsen, Morten R.	Vortex Studies in Non-Uniform and Other Special Superconductors	Department of Energy	\$499,926	36

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Furdyna, Jacek K. Liu, Xinyu Dobrowolska-Furdyna, Malgorzata	Base Materials for Magnetic-Acoustic-Electric Chip	Purdue University	\$957,284	60
Janko, Boldizsar	Quasi 1D Spin Polarized States in Dilute Magnetic Semiconductor Nanostructures	National Science Foundation	\$336,196	36
Janko, Boldizsar	Theory of Surface Bound States in CeCoIn5	National Science Foundation	\$235,762	36
Janko, Boldizsar	Quasi 1D spin polarized states in dilute magnetic semiconductor nanostructures	Department of Energy	\$348,333	36
Ruggiero, Steven T. Arnold, Gerald B. Eskildsen, Morten R.	Impurity Scattering in Conventional and High-temperature Superconductors	Department of Energy	\$451,515	36
Ruggiero, Steven T. Arnold, Gerald B. Eskildsen, Morten R.	Impurity Scattering in Conventional and High-Temperature Superconductors	National Science Foundation	\$474,015	36
Department or Office:	Political Science			
Hui, Tin-bor V.	Toward a Multicultural Approach to the Liberal Peace: A Comparison of Historical Europe and Historical China	Harvard University	\$44,000	12

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Hui, Tin-bor V.	Toward a Multicultural Approach to the Liberal Peace: A Comparison of Historical Europe and Historical China	Princeton University	\$30,000	11
Nickerson, David	CIRCLE: Young Democrats of America/Survey Project	University of Maryland	\$37,580	12
Department or Office:	Program of Liberal Studies			
Nicgorski, Walter J.	Symposium in Ciceros' Practical Philosophy	National Endowment for the Humanities	\$25,275	9
Department or Office:	Psychology			
Boker, Steven M.	Hormones & Disordered Eating: Phenotypic/Genetic Links	Michigan State University	\$19,773	12
Borkowski, John G. Maxwell, Scott E. Whitman, Thomas L.	Precursors of Retardation in Children of Teen Mothers	National Institutes of Health	\$310,727	12
Carlson, Laura A. Eberhard, Kathleen M.	The Formulation of Spatial Descriptions	National Institutes of Health	\$286,170	12
Cummings, E. M. Faircloth, William B. Cummings, Jennifer	Marital conflict focused parent education for families with adolescents	Private Foundation	\$366,061	24

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Cummings, E. M.	Family Process: Emotional Security, and Child Adjustment	University of Rochester	\$346,628	12
Department or Office:	Romance Languages and Literatures			
Amago, Samuel	Rethinking Spanish Cinema in the Global Context	National Endowment for the Humanities	\$5,000	2
Douthwaite, Julia V.	A Literary History of the French Revolution	Private Foundation	\$50,000	12
Douthwaite, Julia V.	A Literary History of the French Revolution	Private Foundation	\$40,000	9
Moevs, Christian R.	Petrarch and the Birth of the Modern Self	Private Foundation	\$40,000	9
Moevs, Christian R.	Petrarch and the Birth of the Modern Self	American Academy in Rome	\$21,000	9
Perry, Catherine	Figures of Vital Energy: Music and Dance in French Literature at the Turn of the Twentieth Century	Private Foundation	\$40,000	9
Ryan-Scheutz, Colleen M.	Povere e Belle: Women and National Identity in Italian Cinema (1946-1991)	National Endowment for the Humanities	\$5,000	2

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Sociology				
Cardenas, Gilberto	Strategic Positioning of the State of Latino Chicago & Development of Latino Leadership Reports	The Chicago Community Trust	\$12,000	6
Department or Office: Theology				
Anderson, Gary A.	From Israel's Burdon to Israel's Debt: Metaphors of Sin in Ancient Judaism and Christianity	Private Foundation	\$40,000	9
Driscoll, Michael S.	Cathedral, Cultus, and Culture: Church Architecture and Ritual Activity	Private Foundation	\$64,700	9
Elizondo, Virgilio P.	Soy Catequista: The Dignity, Vocation, and Mission of the Catechist	Private Foundation	\$25,000	12
Meier, John P.	Challenging the Consensus: Do the Love Commandments and the Parables Come from Jesus?	Private Foundation	\$30,000	9
Meier, John P.	Challenging the Consensus: Do the Love Commandments and the Parables Come from Jesus?	Private Foundation	\$71,160	9

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Proposals for Instructional Programs</u>				
Department or Office:	Biological Sciences			
O'Tousa, Joseph E.	HHMI Undergraduate Science Education Program	Private Foundation	\$2,158,998	48
Department or Office:	Physics			
Coshow, Suzanne M.	Sensing Our World	Private Foundation	\$45,000	36
Department or Office:	Upward Bound			
Coates, Alyssia J.	Mastering Occupational Opportunity Development for Youth's Success	Private Foundation	\$23,615	2

Awards and Proposal Summary

Centers and Institutes Report

10/01/2005 to 10/31/2005

Awards Received

Department or Office	No.	Amount
Center for Astrophysics	1	\$60,000
Center for Children and Families	1	\$200,000
Center for Flow Physics and Control	3	\$421,962
Center for Tropical Disease Research & Training	1	\$45,000
Institute for Latino Studies	2	\$295,000
Joint Institute for Nuclear Astrophysics	1	\$13,035
Kroc Institute for International Peace Studies	1	\$40,244
Nano Science and Technology Center	3	\$460,233
Radiation Laboratory	1	\$23,000
Total:	14	\$1,558,474

Proposals Submitted

Department or Office	No.	Amount
Center for Applied Mathematics	1	\$215,803
Center for Children and Families	3	\$1,023,416
Center for Flow Physics and Control	3	\$967,777
Center for Microfluidics and Medical Diagnostics	1	\$404,596
Center for Tropical Disease Research & Training	6	\$1,358,475
Center for Zebrafish Research	2	\$487,500
Institute for Latino Studies	2	\$37,000
Institute for Theoretical Sciences	3	\$920,291
Joint Institute for Nuclear Astrophysics	1	\$45,000
Medieval Institute	1	\$40,000
Nano Science and Technology Center	15	\$4,758,544
Radiation Laboratory	2	\$417,813
Total:	40	\$10,676,215

Awards and Proposal Summary

Centers and Institutes Report

07/01/2005 to 10/31/2005

Awards Received

Department or Office	No.	Amount
Center for Astrophysics	3	\$114,255
Center for Children and Families	2	\$1,862,590
Center for Flow Physics and Control	6	\$725,398
Center for Tropical Disease Research & Training	3	\$2,778,501
Center for Zebrafish Research	1	\$308,280
Environmental Research Center	1	\$8,655
Institute for Educational Initiatives	1	\$36,125
Institute for Latino Studies	5	\$572,660
Interdisciplinary Center for the Study of Biocomplexity	2	\$365,175
Joint Institute for Nuclear Astrophysics	1	\$13,035
Kellogg Institute for International Studies	1	\$5,000
Kroc Institute for International Peace Studies	2	\$85,244
Nano Science and Technology Center	5	\$1,785,233
Nanovic Institute	1	\$2,600
Nuclear Structure Laboratory	2	\$2,050,000
Radiation Laboratory	4	\$593,000
South Bend Center for Medical Education	2	\$276,249
Walther Cancer Research Center	1	\$268,000
Total:	43	\$11,850,000

Proposals Submitted

Department or Office	No.	Amount
Center for Applied Mathematics	1	\$215,803
Center for Astrophysics	2	\$0
Center for Children and Families	6	\$2,376,838
Center for Environmental Science and Technology	1	\$27,600
Center for Flow Physics and Control	7	\$2,234,007
Center for Microfluidics and Medical Diagnostics	2	\$605,049
Center for Molecularly Engineered Materials	1	\$12,000
Center for Transgene Research	2	\$1,273,288
Center for Tropical Disease Research & Training	7	\$1,673,344
Center for Zebrafish Research	3	\$787,500
Environmental Molecular Science Institute	1	\$21,750
Environmental Research Center	1	\$684,646
Institute for Latino Studies	10	\$3,698,692
Institute for Theoretical Sciences	3	\$920,291

Awards and Proposal Summary

Centers and Institutes Report

07/01/2005 to 10/31/2005

Department or Office	No.	Amount
Interdisciplinary Center for the Study of Biocomplexity	1	\$112,500
Joint Institute for Nuclear Astrophysics	3	\$158,035
Keough Institute for Irish Studies	1	\$330,545
Kroc Institute for International Peace Studies	2	\$281,854
Medieval Institute	1	\$40,000
Nano Science and Technology Center	25	\$6,359,077
Nuclear Structure Laboratory	2	\$545,595
Radiation Laboratory	3	\$537,813
Reilly Center for Science, Technology and Values	1	\$429,794
Walther Cancer Research Center	2	\$1,070,073
Total:	88	\$24,396,094

Awards received during the period Oct-01-2005 to Oct-31-2005

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Award #
<u>Awards for Research</u>				
Department or Office:	Center for Astrophysics			
Garnavich, Peter M. (Center or Institute)	Probing the Equation of State of the Dark Energy with Supernovae	Harvard University	\$60,000	006630-001
Department or Office:	Center for Children and Families			
Borkowski, John G McKenna, James J. Maxwell, Scott E. Boker, Steven M. LeClere, Felicia B. (Center or Institute)	Predicting and Preventing Neglect in Teen Mothers	National Institutes of Health	\$200,000	005611-001
Department or Office:	Center for Flow Physics and Control			
Jumper, Eric J. Gordeyev, Stanislav V. Cavalieri, David (Center or Institute) Rennie, Robert M.	Aero-Optical Modeling and Validation for HEL Systems	Corporate Funding	\$204,185	006418-001
Morris, Scott C. (Center or Institute)	Experiments in Sound and Structured Vibration Using Air-Analog Model Ducted Propulsion Systems	Department of Navy	\$100,000	006242-001
Corke, Thomas C. (Center or Institute)	Wing High-Lift Augmentation Using Single-Dielectric Barrier Discharge Plasma Actuators	Corporate Funding	\$117,777	006629-001
Department or Office:	Center for Tropical Disease Research & Training			
Ferdig, Michael T. (Center or Institute)	Genetic Study of Cryptosporidium parvum	Tufts University School of Veterinary Medicine	\$45,000	006320-001

Awards received during the period Oct-01-2005 to Oct-31-2005

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Award #
Department or Office: Institute for Latino Studies				
Cardenas, Gilberto Ready, Timothy (Center or Institute)	Children and Families in Latino Communities	Private Foundation	\$100,000	005852-001
Cardenas, Gilberto (Center or Institute)	National Latino Overweight and Obesity Education and Awareness Prevention Initiative - 2005 OMH Umbrella CAP	Health & Human Services	\$195,000	006625-001
Department or Office: Joint Institute for Nuclear Astrophysics				
Wiescher, Michael C. (Center or Institute)	Neutron-capture Nucleosynthesis in Stellar Environments (Marco Pignatari)	Los Alamos National Laboratory	\$13,035	006624-001
Department or Office: Kroc Institute for International Peace Studies				
Fast, Larissa A. Appleby, Robert S. (Center or Institute)	Defining Dangerous: Humanitarian Security and the Challenge to Humanitarian Action	U.S. Institute of Peace	\$40,244	006620-001
Department or Office: Nano Science and Technology Center				
Merz, James L. Snider, Gregory L. (Center or Institute)	Near-Field Optical Investigation of Si/Ge Quantum Dots (MRSEC Seed Project)	University of Virginia	\$100,000	005348-001
Seabaugh, Alan C. Fay, Patrick J. Bernstein, Gary H. (Center or Institute) Collins, Oliver M.	Mixed Signal Nanoelectronics	Department of Navy	\$270,233	005813-001
Jena, Debdeep (Center or Institute)	Distributed Polarization Induced P-Type Doping in III-V Nitride Semiconductors	Department of Navy	\$90,000	006123-001
Meisel, Dan (Center or Institute)	Metal-Oxide Nanotube Composites: Synthesis and Applications	United States-Israel Binational Science Foundation	\$23,000	006623-001

Proposals submitted during the period Oct-01-2005 to Oct-31-2005**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Proposal #
<u>Proposals for Research</u>				
Department or Office:	Center for Applied Mathematics			
Himonas, Alex A.	Collaborative Research:	National Science Foundation	\$215,803	06040270
Cosimano, Thomas F.	Exploring Financial Economic Problems Using Analytic Methods			
Department or Office:	Center for Children and Families			
Cummings, E. M.	Marital conflict focused	William T. Grant Foundation	\$366,061	06040222
Faircloth, William B.	parent education for			
Cummings, Jennifer	families with adolescents			
Cummings, E. M.	Family Process: Emotional Security, and Child Adjustment	University of Rochester	\$346,628	06040239
Borkowski, John G.	Precursors of Retardation	National Institutes of Health	\$310,727	06040259
Maxwell, Scott E.	in Children of Teen			
Whitman, Thomas L.	Mothers			
Department or Office:	Center for Flow Physics and Control			
Corke, Thomas C.	Wing High-Lift Augmentation Using Single-Dielectric Barrier Discharge Plasma Actuators	The Boeing Company	\$117,777	06040197
Jumper, Eric J.	Adaptive Optics	Department of the Air Force	\$100,000	06040215
Cavalieri, David	Compensation for Aero-Optics Line-of-Sight Disturbance			

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Renaud, John E. Roeder, Ryan K.	Multifunctional Design of Self Powered, Load Bearing Structures	Virginia Polytechnic Institute and State University	\$750,000	06040238
Department or Office:	Center for Microfluidics and Medical Diagnostics			
Jena, Debdeep Chang, Hsueh-Chia Kuno, Masaru K.	A Nanowire Array Based Pathogen Detection System	National Science Foundation	\$404,596	06040212
Department or Office:	Center for Tropical Disease Research & Training			
Adams, John H.	Developing a Transposon-based Toolkit for Genetic Analysis of Malaria Parasites	National Institutes of Health	\$226,500	06040184
Ferdig, Michael T.	Determinants of growth and fitness in chloroquine-adapted malaria parasites	National Institutes of Health	\$364,593	06040185
Hager, Kristin M. Fraser, Malcolm J. Adams, John H.	Functional Genomics Analysis of Toxoplasma Gondii	National Institutes of Health	\$150,000	06040275
Hager, Kristin M.	Secreted Virulence Factors	National Institutes of Health	\$75,000	06040277
Hager, Kristin M.	Toxoplasma pathogenesis via host cytoskeleton remodeling	Burroughs Wellcome Fund	\$400,000	06040276

Proposals submitted during the period Oct-01-2005 to Oct-31-2005**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Adams, John H.	The Regulation of Plasmodium Falciparum Erythrocyte Entry	University of Alabama, Birmingham	\$142,382	06040250
Department or Office:	Center for Zebrafish Research			
Li, Lei	Searching for age-related visual system mutations	National Institutes of Health	\$300,000	06040261
Fraser, Malcolm J.	PiggyBac based enhancer trap mutagenesis in Zebrafish	National Institutes of Health	\$187,500	06040273
Department or Office:	Institute for Latino Studies			
Cardenas, Gilberto	Strategic Positioning of the State of Latino Chicago & Development of Latino Leadership Reports	The Chicago Community Trust	\$12,000	06040219
Elizondo, Virgilio P.	Soy Catequista: The Dignity, Vocation, and Mission of the Catechist	Louisville Institute	\$25,000	06040244
Department or Office:	Institute for Theoretical Sciences			
Janko, Boldizsar	Quasi 1D spin polarized states in dilute magnetic semiconductor nanostructures	Department of Energy	\$348,333	06040247
Janko, Boldizsar	Quasi 1D Spin Polarized States in Dilute Magnetic Semiconductor Nanostructures	National Science Foundation	\$336,196	06040251

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Janko, Boldizsar	Theory of Surface Bound States in CeCoIn ₅	National Science Foundation	\$235,762	06040271
Department or Office:	Medieval Institute			
Gersh, Stephen E.	Proclus and the History of Platonism	Princeton University	\$40,000	06040249
Department or Office:	Nano Science and Technology Center			
Fay, Patrick J.	Advanced Sensors for Millimeter-wave Detection	National Science Foundation	\$249,660	06040201
Xing, Huili	Collaborative Research: GaN-based Piezoresistive nanoelectromechanical systems: material, fabrication and operation	National Science Foundation	\$180,000	06040211
Seabaugh, Alan C.	Piezoflexure-enabled nanofabrication	National Science Foundation	\$244,153	06040217
Porod, Wolfgang Hahn, Alexander J.	Notre Dame RET Site in Engineering	National Science Foundation	\$450,000	06040223
Fay, Patrick J.	Measurement of SiGe-based Backward Diode Detectors	Ohio State University	\$6,000	06040227
Furdyna, Jacek K. Liu, Xinyu Dobrowolska-Furdyna, Malgorzata	Base Materials for Magnetic-Acoustic-Electronic Chip	Purdue University	\$957,284	06040252

Proposals submitted during the period Oct-01-2005 to Oct-31-2005**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Merz, James L.	FRG: Tailoring the Properties of Dilute Nitride Semiconductor Heterostructures	University of Michigan	\$376,336	06040243
Dobrowolska-Furdyna, Malgorzata Liu, Xinyu Furdyna, Jacek K.	Electron Spin Effects in Semiconductor Nanostructure	National Science Foundation	\$524,389	06040242
Merz, James L. Mintairov, Alexander	Materials World Network: Synthesis and Fundamental Properties of InGaN Photonic Nanostructures	National Science Foundation	\$396,838	06040237
Hall, Douglas C.	High-Power, Diode-Pumped Alkali Dimer Molecule Gas Lasers	University of Illinois-Urbana-Champaign	\$160,000	06040235
Fay, Patrick J.	X-band InP DHBT Amplifiers	MicroLink Devices	\$32,794	06040226
Hall, Douglas C.	High-Index-Contrast Waveguides for Enhanced Optoelectronic Devices and Integration	National Science Foundation	\$325,755	06040221
Jena, Debdeep Chang, Hsueh-Chia Kuno, Masaru K.	A Nanowire Array Based Pathogen Detection System	National Science Foundation	\$404,596	06040212

Proposals submitted during the period Oct-01-2005 to Oct-31-2005

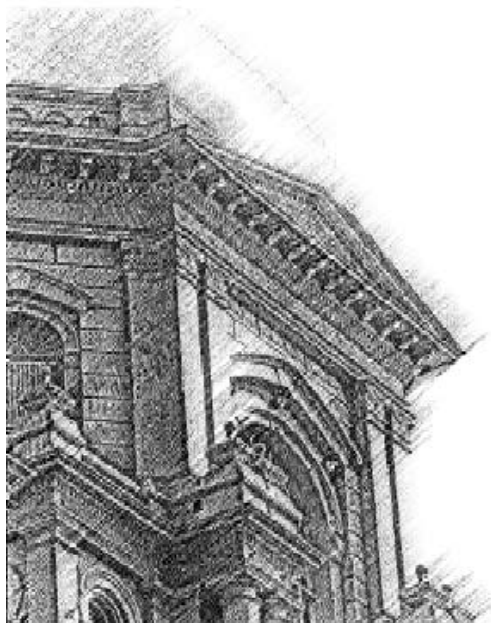
Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Snider, Gregory L.	Directed Assembly of Epitaxial Semiconductor Nanostructures	National Science Foundation	\$417,775	06040210
Fay, Patrick J.	InP-based tunneling oscillators for THz applications	Vega Wave Systems, Inc.	\$32,964	06040205
Department or Office:	Radiation Laboratory			
Kamat, Prashant V.	A Supramolecular Approach to Phenyleneethylene Based Nanostructured Luminescent Materials	National Science Foundation	\$202,813	06040236
Bartels, David M.	Generation IV Supercritical Water Reactor: Water Radiation Chemistry	Idaho National Laboratory	\$215,000	06040256

Proposals for Instructional Programs

Department or Office:	Joint Institute for Nuclear Astrophysics			
Coshow, Suzanne M.	Sensing Our World	Community Foundation of St. Joseph County	\$45,000	06040190

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