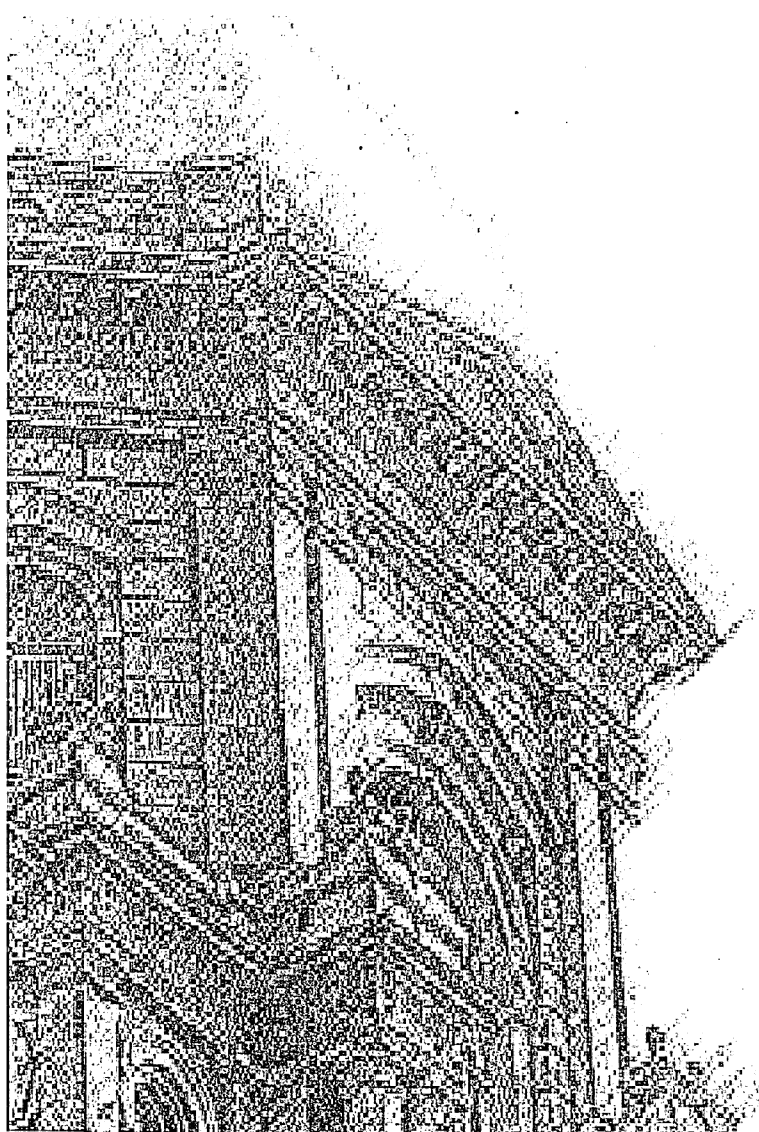


Notre Dame Report



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of updated information.

OCTOBER 29, 2004
N U M B E R 5

Faculty Notes

Honors

D'Arcy J.D. Boulton, professional specialist and fellow of the Medieval Institute and concurrent associate professor of history, was named director of the International Commission on Contemporary Heraldry of the International Academy of Heraldry and a member of the International Commission for Orders of Chivalry, in September.

JoAnn DellaNeva, associate professor of Romance languages and literatures, was awarded the 2004 Literature Prize of the Sixteenth Century Society and Conference, given for the best paper on a literary topic delivered at the 2003 annual conference.

Rev. Gustavo Gutiérrez, the O'Hara Professor of Theology, received the Yves Congar Award for Theological Excellence from Barry Univ., Miami Shores, Fla.

Maureen T. Hallinan, director of the Center for Research on Educational Opportunity and the White Professor of Sociology, was named chair of the Nominating Committee for the National Academy of Education, 2004–2005.

Ronald A. Hellenthal, assistant professional specialist and curator of the Greene-Nieuwland Herbarium, was reappointed as a member of the Indiana Pesticide Review Board, for a four-year term expiring Jan. 1, 2007.

Klaus Lanzinger, professor emeritus of German, has been selected for inclusion in the 2005 edition of *Who's Who in the World*.

Oliver Zhen Li, assistant professor of accountancy, won the 2004 American Taxation Association / PricewaterhouseCoopers Outstanding Tax Dissertation Award for his dissertation "Investor Tax Heterogeneity and Ex-Dividend Day Trading Volume—The Effect of Dividend Yield and Institutional Ownership" completed at the Univ. of Arizona in 2003.

Joanne Mack, concurrent associate professor of anthropology and curator of the Snite Museum of Art, was awarded the "Jeffersonian Award" for 2004 by the State of Jefferson Awards Committee for long-term,

significant contributions to the research and study of the cultures, past and present, and collaboration with the social scientists of Southwest Oregon and Northern California.

Steve Moriarty, the Kaeser Curator of Photography at the Snite Museum of Art, and adjunct associate professor of art, was invited to become a member of ORACLE, an international association of photographic scholars, curators, and museum directors.

Thomas Gordon Smith, professor of architecture, was honored by *Traditional Building Magazine* in the September/October 2004 issue in a special feature titled "Fifteen Who Made a Difference: Titans of Tradition."

Devorah Snively, adjunct instructor in anthropology, had her recent short movie *Teenage Bikini Vampire* chosen as an official selection for the Century City Film Festival, the Coney Island Film Festival, the Dragon Con Film Festival, and the Shockerfest Film Festival; her feature-length screenplay also placed as a finalist in the 2004 Austin Heart of Film Festival, Shriekfest, and 20/20 screenplay competitions; and feature screenplay *Lipstick Lesbian* placed as a quarter-finalist in the Slamdance Screenplay Competition.

Robert P. Vecchio, the Schurz Professor of Management, was appointed to the editorial board of the *Academy of Management Learning and Education Journal*.

David Yamane, assistant professor of sociology, was appointed to a three-year term on the editorial board of *Teaching Sociology*, an official journal of the American Sociological Association.

Activities

Asma Afsaruddin, associate professor of Arabic and fellow at the Kroc Institute, was an invited panelist and discussant at the symposium "Confronting Radicalization," held at the State Department, Washington, D.C., Sept. 20; gave an interview with Eric Felten, host of the show *On the Line*, Voice

of America, on the topic "Muslim Women in America," broadcast Sept. 21; and presented the paper "The Compatibility of Civilizations: Muhammad Shahrur and His Modernist Qur'anic Hermeneutics" at the conference "Revisioning Modernity: Challenges and Possibilities for Islam," sponsored by the Center for Global Studies and Islamic Studies Program, George Mason Univ., and the Association for Muslim Social Scientists, Sept. 24–26.

Samuel Amago, assistant professor of Spanish literature and fellow of the Nanovic Institute, presented "*Todo sobre mi* movie: Almodóvar Does It Intertextually" at the "Second Romance Languages Film Symposium" at Wake Forest Univ., Sept. 24–25.

J. Douglas Archer, librarian, presented "News from the Front: An Intellectual Freedom Update" at the Indiana Library Federation's District 1 Conference in Gary, Oct. 5.

Jeffrey Bergstrand, professor of finance, was a visiting fellow in the Directorate General for Economic and Financial Affairs, European Commission, in Brussels, where he presented "Trade Agreements and Trade Flows: Estimating the Effect of Free Trade Agreements on Trade Flows with an Application to the European Union—Gulf Cooperation Council Free Trade Agreement" and also prepared a paper for the *Economic Papers* series on the potential economic and political benefits of a free trade agreement between the EU countries and the Persian Gulf nations, July 12–16.

Kathleen Biddick, professor of history, gave an invited presentation "In the Heart of the Archive" in a lecture series on "Animating Politics, History, the Archive," sponsored by the Humanities Institute at the Univ. of Minnesota, Oct. 1.

Patricia Blanchette, associate professor of philosophy, presented the lecture "Analysis and the Logical Relations in Frege" to the Philosophy Dept. at Ohio State Univ. on July 6.

Eileen Hunt Botting, assistant professor of political science, presented "In the Shadow of Mary Wollstonecraft: Hannah Mather Crocker on Women's Rights," written with S. Houser, at the Midwest Political Science Association meeting in Chicago in April; and presented "Rousseau's Rural Republican Family" at the Association for Political

Theory meeting in Colorado Springs, in October.

D'Arcy J.D. Boulton, professional specialist and fellow of the Medieval Institute and concurrent associate professor of history, presented "Heraldic Miscellanies of the Fifteenth Century: Personalized Handbooks for Courtiers" at the "11th Congress of the International Courtly Literature Society," Univ. of Wisconsin at Madison, July 29 through Aug. 4; and "The Origins of a *Damnosa Haereditas*: The Degeneration of Heraldic Emblematics in the Future and Current United States and the Origins of the Sigiloid Display-Emblem, 1608-1798" to the "26th International Congress of Genealogical and Heraldic Sciences," Bruges, Belgium, Sept. 6-11. He designed and prepared a printable version of armorial bearings for the International Courtly Literature Society, which he presented at the society's general meeting of the Society, Aug. 4.

Maureen B.M. Boulton, professor of Romance French and Medieval Institute fellow, presented "Devotional Books at the Court of Burgundy" at the "11th Congress of the International Courtly Literature Society," Univ. of Wisconsin at Madison, July 19 through Aug. 4.

Bruce A. Bunker, professor of physics, presented the invited talk "Structure of Core-Shell and Alloyed Binary Nanoparticles Studied with X-Ray Absorption Fine Structure" at the annual national meeting of the American Crystallographic Association, Chicago, July 19.

Paul M. Cobb, assistant professor of history and Medieval Institute fellow, presented the invited lecture "Infidel Dogs: Hunting Crusaders with Usama ibn Munqidh" at Middlebury College, Vt., Oct. 2.

Philippe Collon, assistant professor of physics, presented "Accelerator Mass Spectrometry: Another Approach to Rare Isotopes Physics," an invited talk, at the Rare Isotope Accelerator 2004 Summer School, Argonne National Laboratory, Aug. 8-15.

Rev. Brian E. Daley, S.J., the Huisking Professor of Theology, presented "Word, Soul, and Flesh: Origen and Augustine on the Person of Christ," the annual Augustine Lecture at Villanova Univ., Sept. 30; a series of conferences on patristic christology at the Trappist Abbey of the Genesee,

Piffard, N.Y., Oct. 12-15; and a plenary paper "'Faithful and True': The Apocalyptic Dimension of Patristic Christology" at a conference on "Apocalyptic Themes in Early Christianity" at the Holy Cross Greek Orthodox School of Theology, Oct. 15.

Michael Detlefsen, professor of philosophy, was the invited speaker at the Philosophy Dept. Colloquium of the Univ. of Illinois-Urbana/Champaign, Oct. 1, where he presented "Traces of Formalism."

Bernard Doering, professor emeritus of Romance languages and literatures, presented "Loneliness and the Existent: The Dark Nights of Raïssa Maritain and Pierre Reverdy" at the Midwest Regional meeting of the Conference on Christianity and Literature at the Univ. of Notre Dame, Sept. 16-18.

Glen Dowell, assistant professor of management, presented "The Impact of Market Volatility on Firm Entry Decisions: Evidence from U.S. Telecom Firms' International Expansion" at the Academy of Management annual meeting in New Orleans, Aug. 7-11.

Rev. Michael S. Driscoll, the Tisch Family Professor of Theology, presented a four-part lecture series on "Jesus in the Films" at St. Paul Newman Center, Valparaiso, Sept. 29 and Oct 6, 13, and 27; and "Roles played by Women in Medieval Funeral Rites" at Columbia Univ., New York, Oct. 29.

John G. Duman, the Gillen Professor of Biological Sciences, presented "Insect Antifreeze Proteins" at the "International Congress of Entomology" in Brisbane, Australia, Aug. 13-24; and the invited talk "Insect Antifreeze Proteins" at the "Life in the Cold" conference on a ship traveling from Vancouver to Anchorage, Alaska, July 25 through Aug. 1.

William G. Dwyer, the Hank Professor of Mathematics, was an invited plenary speaker at a conference on "Algebraic Cycles, K-Theory, and Modular Representation Theory," Northwestern Univ., Evanston, Ill., Sept. 16-19, where he presented "Cohn Localization Sequences in K-Theory"; and he spoke at the "Workshop on Structured Ring Spectra" at the Max Planck Institute for Mathematics, Bonn, Germany, on "Morita Theory for Ring Spectra," Sept. 20-24; and "The Feshbach Double Coset Formula

from the Point of View of Homotopy Theory" at the "Midwest Topology Conference," Purdue Univ., Oct. 9-10.

Richard Economakis, associate professor of architecture, presented the invited talk "*Chasma Gês: Delphic Pnuma* and the Ancient Asclepeids" at the international symposium "Academia Eolia Revisited" in Costozza, Italy, May 28; and the invited talk "Learning from Georgian Urbanism" at the 40th international "Making Cities Livable" conference in London, June 16.

Agustin Fuentes, associate professor of anthropology, gave three invited talks at the inaugural meeting of the Midwest Primatology Interest Group at the Univ. of Illinois, Urbana, Oct 8-9: "Human-Nonhuman Primate Interactions: Disease, Conservation and Conflict and Cooperation," "Primate Conservation in Southeast Asia," and "The Impact of Cultural Perspectives for Primate Conservation."

Umesh Garg, professor of physics, presented "Nuclear Incompressibility from the Isoscalar Giant Dipole Resonance" at the "ACS Symposium on Nuclear Equation of State Used in Astrophysics Models," Philadelphia, Aug. 25-26.

Richard Garnett, associate professor of law, presented "What's this Flap About the Pledge to the Flag?" to the Schuyler Colfax Chapter of the Daughters of the American Revolution, Sept. 17, in Mishawaka.

Meredith J. Gill, assistant professor of art history, presented "Jupiter's Prize: *The Rape of Europa* and the Origins of Europe" at the international conference "The Mistress-Court of Mighty Europe: Configuring Europe and European Identities in the Renaissance and Early Modern Period," Univ. of Wales, Bangor, Sept. 11.

Rev. Daniel G. Groody, C.S.C., assistant professor of theology, presented "Immigration: Theology Linking the Global and the Local," North Park Univ., Chicago, Sept. 25; "A Theology of Migration" at "Migration and Theology: An International Conference," Notre Dame, Sept. 21; "Faith on the Edge: Migration as Metaphor of the Spiritual Life," Univ. de la Val, Quebec City, Aug. 17. He was codirector of "Migration and Theology: An International Conference," Notre Dame, Sept. 19-21; and was executive producer of *Endless Exodus: The Sorrowful Plight of the Undocumented Immigrant*, a video.

David Hachen, associate professor of sociology, presented "Contracting Out Work in the 1990s" at the session on "Employment Relations in Flux" at the annual meetings of the American Sociological Association, San Francisco, Aug. 17.

Roger D. Huang, the Mayer Professor of Finance, presented "Do Individual NYSE Specialists Subsidize Illiquid Stocks?" at the "Conference on Exchange Governance and Securities Market Structure," Vanderbilt Univ., April 23.

David R. Hyde, professor of biological sciences and the Kenna Memorial Director of the Center for Zebrafish Research, presented the invited talk "Role of Stem Cells and Radial Glia in Zebrafish Retinal Regeneration" at the "International Conference on Eye Research" in Sydney, Australia, Aug. 25–31.

Curtis Kamman, adjunct instructor of political science, addressed the Holland (Michigan) League of Women Voters on Sept. 13 on the foreign policy issues that figure in the 2004 Presidential election.

Robert A. Krieg, professor of theology and Nanovic Institute fellow, presented "German Catholic Books on Jesus and Judaism, 1918–1945" at a research workshop held at the United States Holocaust Memorial Museum from June 21 to July 2.

Charlotte Kroeker, professional specialist in the Center for Pastoral Liturgy, was the pianist and coordinator of chamber ensemble for performances of *The Four Loves: Themes and Variations* by Frank Burch Brown at Oakwood Retreat and Conference Center in May, at the Univ. of Notre Dame Liturgy Conference in June, and Magdalen College, Oxford, in July; was the adjudicator for the State Piano Finals, Texas Music Teachers Assn., San Antonio, in June; was chair for J.S. Bach Festival, South Bend, ; and administered a faculty seminar with **John Cavadini**, chair and associate professor of theology and director, Institute for Church Life, for college/university and seminary faculty members, May 23 through June 4 at Oakwood Retreat and Conference Center, in Syracuse, Ind.

Ian Kuijt, associate professor of anthropology, presented "Reflection on Rights, Ownership and Obligations in Neolithic Communities" at the Dept. of Archaeology, Reading Univ., U.K., in October.

Charles Kulpa, professor and chair of Biological Sciences, chaired the Southern Great Lakes Section of the Society for Industrial Microbiology at Argonne National Laboratory.

Oliver Zhen Li, assistant professor of accountancy presented "Taxes and Valuation—Evidence from Dividend Change Announcements" at the annual meeting of the American Accounting Association, in Orlando, Aug. 8–10.

Keir A. Lieber, assistant professor of political science and Kroc Institute and Nanovic Institute fellow, presented "Waiting for Balancing: Why the World Isn't Pushing Back" and "The Unspoken Dimension of American Primacy" at the annual meeting of the American Political Science Association, Chicago, Sept. 2–5.

Timothy Matovina, associate professor of theology and director of the Cushwa Center for the Study of American Catholicism, presented "Public Intellectual and Innovator in U.S. Latino Catholicism" to the "One Church, Many Cultures: The Legacy of Joseph P. Fitzpatrick, S.J. Conference," Fordham Univ., New York, in October.

Ralph McInerny, the Grace Professor of Medieval Studies, director of the Maritain Center, and professor of philosophy, presented "Literature and the Mystery Novel," Sacred Heart Parish, Notre Dame, Sept. 16; "The Catholic University," Legatus meeting, Morris County, N.J., Sept. 23; "Tribute to Monsignor Kelly," Fellowship of Catholic Scholars annual meeting, Pittsburgh, Sept. 25; "Humor and Waugh," Center for Ethics and Culture English novelists series, Notre Dame, Oct. 5; and served on "Ethics in the New Landscape," a panel, Notre Dame's Center for Ethics and Culture, Sept. 28.

Rev. Richard P. McBrien, the Crowley-O'Brien Professor of Theology, presented "The Church and Politics" at Holy Family Parish Community in Inverness, Ill., on Sept. 7, and again at Saint Mary's College, Moraga, Calif., Sept. 16.

Mary Ann McDowell, assistant professor of biological sciences, presented "Host-Pathogen Interactions in Leishmania" at the Chicago Area Mycology and Parasitology meeting on Sept. 3.

Juan Migliore, professor of mathematics, presented the invited talk "Hilbert Functions and Points in Uniform Position" in the "Algebraic Geometry Seminar" at Queen's Univ., Kingston, Ontario, on Sept. 27.

Nathan Mitchell, professional specialist and associate director in the Center for Pastoral Liturgy and concurrent professional specialist in the Dept. of Theology, presented the keynote lecture at a conference on "Reclaiming Sabbath and Sunday" at the College of St. Elizabeth, Morristown, N.J., Sept. 17–18.

Steve Moriarty, the Kaeser Curator of Photography at the Snite Museum of Art and adjunct associate professor of art, presented "By the Dawn's Early Light: The Beginnings of Photography on Paper," at the Arkansas Center for the Arts in Little Rock. Sept. 9.

Rev. Ronald Nuzzi, director, ACE Leadership Program, delivered the keynote address "Catholic Schools Still Make A Difference: Effectiveness Research 1990–2000" to Catholic school teachers in Nashville, at their annual diocesan institute, Aug. 20; conducted the workshop "Foundations for a Systematic Religion Curriculum," Diocese of Saginaw, Mich., on Aug. 24; and presented a faculty retreat to the staff of Divine Child High School, Dearborn, Mich., Sept. 27.

Joseph E. O'Tousa, associate dean of science and professor of biological sciences, presented a seminar titled "Vitamin A Processing Pathways in *Drosophila* Vision" and served as a graduate chair on a dissertation committee for the Dept. of Biological Sciences, Dartmouth College, Aug. 12–13. He presented the same invited talk at the Univ. of Oklahoma Health Science Center, Oklahoma City, Aug. 30 through Sept. 1.

Catherine Perry, associate professor of French and Francophone studies and Nanovic Institute fellow, organized and chaired the session "*Eros et politique dans la littérature française du vingtième siècle*" and presented "*Eros et violence dans L'Amant de Duras et Onitsha de Le Clézio*" at the annual conference of the Rocky Mountain Modern Language Association, Boulder, Sept. 30 through Oct. 2.

Anthony S. Serianni, professor of chemistry and biochemistry, presented "NMR Scalar Couplings in Isotopically Labeled Oligosaccharides: New Correlation with

Molecular Structure" as an invited presentation at the "Small Molecular NMR Conference," Breckenridge, Colo., Sept. 12–17.

David W. Severson, professor of biological sciences, was an invited speaker at the "International Congress of Entomology" in Brisbane, Australia, where he presented "Aedes aegypti Genomics" Aug. 4–22.

Margaret B. Shackell-Dowell, assistant professor of accountancy, presented "Incentives, Performance Measurement, and Delegation: An Empirical Analysis of Interdependencies in Organizational Architecture" with E. Demers and S. Widener, at the "Global Management Accounting Research Symposium" in East Lansing, June 5–6; and "Delegation, Incentives, and Performance Measurement: Complements or Substitutes." She was the discussant for "Incentive Schemes, Goal Level and Performance Target Prioritization in a Multi-Dimensional Task" by M. Cheng and P. Luckett at the American Accounting Association annual meeting in Orlando, Aug. 8–11.

Bradley D. Smith, professor of chemistry and biochemistry, presented the invited seminar "Supramolecular Chemistry: Ion Pair Receptors" at the Univ. of Pittsburgh, Sept. 9.

Thomas Gordon Smith, professor of architecture, presented "Architecture and Full and Active Participation in the Liturgy" at the annual conference of the Society of Catholic Liturgy in Mundelein, Ill., Sept. 24, and exhibited "House for Richard and Sheila Long" at the exhibition "Post-Modernism Revisited. In Memoriam Heinrich Klotz" at the Deutsches Architektur Museum, Frankfurt am Main.

Donald E. Sporleder, professor of architecture emeritus, was an invited participant in the "2004 BAC Local Leadership Conference of the International Union of Bricklayers and Allied Craftsmen," Aug. 1–4, Notre Dame, where he presented "Masonry Highlights" with a guided walking tour of the campus.

Kathleen Sprows Cummings, professional specialist in the Cushwa Center, presented "We Owe it to Our Sex as Well as Our Religion: The Sisters of Notre Dame de Namur, the Ladies Auxiliary and the Founding of Trinity College," at the "History of Women Religious Triennial Conference" in Atchison, Kans., June 27–30.

Duncan Stroik, associate professor of architecture, presented "Focused on Eternity" at Our Lady of Carmel Church in Orange N.J., May 6; "The State of Sacred Architecture" at the Corpus Christi conference in Charlotte, N.C., June 12; and on Sept. 20, presented "How to Design and Build a Catholic Church" at St. Joseph Church, Sandpoint, Idaho; and participated in a panel discussion on Oct. 9 at the "Vision of Europe" conference, Univ. of Bologna in Italy.

Arthur Taylor, assistant director, Multicultural Student Programs and Services, presented a workshop titled "From Reservation Youth to College Campus" at the "Honoring the Heritage of the Plateau Peoples: Past, Present, and Future" conference, at Washington State Univ., Pullman.

Christopher Waller, the Schaefer Professor of Economics, presented the invited talks "Money and Capital" at the "First European Workshop in Monetary Theory," Paris X Univ., Sept. 25; and "Money, Credit and Banking" at the Central European Univ., Budapest, Hungary, Sept. 29, and at the "Vienna Macro Workshop" at the Institute for Advanced Studies, Oct. 2.

Henry Weinfield, professor and chair of Liberal Studies, presented "Oppen's Bronkian Reaction against Zukofskyan Objectivism" at the "Louis Zukofsky Centennial Conference," Columbia Univ., New York, April 17–19.

JoEllen Welsh, professor of biological sciences, presented a poster titled "ERK Activation and Nuclear Translocation during Vitamin D Mediated Apoptosis in MCF-7 Breast Cancer Cells" with **Carmen J. Narvaez**, research assistant professor of biological sciences; a poster titled "Vitamin D3 Receptor Ablation Alters the Aging Mammary Gland" with G.M. Zinser, L.N. Barnett, L. Miannecki, and J. Martin; a poster titled "Analysis of Proteins during Vitamin D3 Mediated Apoptosis in MCF-7 Breast Cancer Cells by BD Powerblot Analysis" with B. Byrne; and a poster titled "Deregulation of the Vitamin D Pathway in Breast Cancer Cells" with C. Kemmis, all at the "18th Meeting of the European Association of Cancer Research" in Innsbruck Austria, June 16 through July 7; presented "Expression and Regulation of VDR, 1 α Hydroxylase and 24-Hydroxylase in Mammary Gland and Human Mammary Epithelial

Cells" at the "Twelfth Annual Providence Meeting on Vitamin D" in Providence, R.I., Sept. 28–30; and "Mammary Gland Development and Carcinogenesis in VDR Knockout Mice" for the American Society for Bone and Mineral Research, 26th annual meeting "State of the Art" lecture in Seattle, Sept. 30 through Oct. 5.

Carroll William Westfall, the Montana Professor of Architecture, presented "The Constitution of the City" at the conference "Defending the Constitution: Property Rights and the New Regulation" at the Claremont Institute, Newport Beach, Calif., Sept. 17–18; and "Seeing the Regime in the American City" at the "Colloquium on the American Founding," Amherst College, Oct. 1.

Rev. Oliver F. Williams, C.S.C., director of the Center for Ethics and Religious Values in Business, and fellow of the Kroc Institute, presented "The Role of Trust in Business Ethics: Succeeding Without Selling Your Soul" at a conference on "A Crisis of Trust: Trust in a Culture of Suspicion and Spin," Yale Univ. Divinity School, New Haven, Sept. 17; and "A Virtuous Life in the Business World: The Challenge" to the Notre Dame Club of Hilton Head Island, S.C., Oct. 10.

Publications

Francisco Aragón, Institute for Latino Studies fellow and adjunct assistant professor of English, published "The Century" in *Red, White, and Blues: Poets on the Promise of America* (Univ. of Iowa Press, 2004), V. Suárez and R.G. Van Cleave, eds.

David E. Aune, professor of theology, published "Apocalypticism," *The IVP Dictionary of the New Testament*, ed. D.G. Reid (Downers Grove: InVarsity Press, 2004): 61–72.

Jeffrey Bergstrand, professor of finance, published "Economic Determinants of Free Trade Agreements," written with S. Baier, in the *Journal of International Economics* 64, No. 1 (Oct): 29–63.

Susan Blum, associate professor of anthropology, published "Good to Hear: Using the Trope of Standard to Find One's Way in a Sea of Linguistic Diversity" in *Language Policy in the People's Republic of China*:

Theory and Practice since 1949, ed. M. Zhou (Netherlands: Kluwer Academic Press, 2004): 123–141; and a review of *The Mongols at China's Edge: History and the Politics of National Unity* by U.E. Bulag (Rowman and Littlefield, 2002) for *Pacific Affairs* 77, No. 1 (spring): 118–119.

Eileen Hunt Botting, assistant professor of political science, published "Wollstonecraft's Philosophical Impact on Nineteenth-Century American Women's Rights Advocates," written with C. Carey, *American Journal of Political Science* 48, No. 4 (Oct.): 707–722.

Rev. Paul F. Bradshaw, professor of theology, published *Eucharistic Origins* (London: SPCK/New York: Oxford Univ. Press, 2004): x + 166 pp.

Rev. David B. Burrell, C.S.C., the Rev. Hesburgh Professor of Theology and Philosophy and Kroc Institute fellow, published "Jesus and the Qur'an: The Word of God Among Us," in *Who Do You Say That I Am? Confessing the Mystery of Christ*, **John Cavadini**, chairperson and associate professor of theology and director, Institute for Church Life, and **Laura Holt**, assistant professional specialist and associate director, Undergraduate Studies in London and concurrent assistant professional specialist in theology, eds. (Notre Dame: Univ. of Notre Dame Press, 2004): 173–186; and "Faith, Culture, and Reason: Analogous Language and Truth," *Proceedings of the American Catholic Philosophical Association* 77 (2003): 1–12.

David Campbell, assistant professor of political science, published "Acts of Faith: Churches and Political Engagement" in *Political Behavior* 26, No. 2 (2004): 155–180.

Neal M. Cason, professor of physics, published "Exotic Meson Production in the $f_1(1285)\pi^-$ System Observed in the Reaction $\pi\pi^+\rightarrow\eta\pi^+\pi^-\pi^+$ at 18 GeV/c" with T. Adams, **James M. Bishop**, research professor emeritus of physics, E.I. Ivanov, **John M. LoSecco**, professor of physics, J.J. Manak, **William D. Shephard**, professor of physics, D.L. Stienike, S.A. Taegar, et al., *Physics Letters B* 595 (2004): 109–117.

Patricia A. Clark, the Luce Assistant Professor of Chemistry and Biochemistry, published "Protein Folding in the Cell: Reshaping the Folding Funnel," *Trends in Biochemical Sciences* 29 (2004): 527–534.

Thomas Cosimano, professor of finance, published "Financial Institutions and Trustworthy Behavior in Business Transactions," *Journal of Business Ethics* volume 52 (Sept.): 179–188.

Lawrence S. Cunningham, the O'Brien Professor of Theology, published the "Forward" to *Heartlines*, ed. M. Ryan (Melbourne: Thomson, 2004) iv–v; and a review of Hans Kung's *Memoirs* in *Review of Politics* (summer): 540–542.

Dennis P. Doordan, chairman, Dept. of Art, Art History and Design, was featured in "Defining Materiality: An Interview with Dennis Doordan," *Surface Design: The Journal of the Surface Design Society* 28, No. 4 (summer): 8–14.

Morton Rink Eskildsen, assistant professor of physics, published "Magnetic Phase Diagram of $\text{ErNi}_2\text{B}_2\text{C}$ " with A. Jensen, et al., *Physica C* 408–410 (2004): 97–99.

Jeremy B. Fein, professor of civil engineering and geological sciences, published "Proton and Cd Adsorption onto Natural Bacterial Consortia: Testing Universal Adsorption Behavior" with D. Borrok and **Charles F. Kulpa**, chair and professor of biological sciences, *Geochimica et Cosmochimica Acta* 68, No. 15 (2004): 3231–3238.

Denis A. Goulet, the O'Neill Professor Emeritus in Education for Justice, Dept. of Economics, and Kellogg and Kroc Institutes fellow, published "Is Sustainable Development Possible in a Globalized World?" in *Humanomics* 20, No. 1/2 (2004): 3–16.

Li Guo, assistant professor of Classics, published "Gold Dinars and Silver Dirhams in the Red Sea Trade: The Evidence of the Quseir Documents," *Trade and Travel in the Red Sea Region: Proceedings of Red Sea Project I Held in the British Museum October 2002* (Society for Arabian Studies Monographs No. 2), eds. P. Lunde and A. Porter (Oxford: British Archaeological Reports Series 1269, 2004): 117–122.

Jimmy Gurulé, professor of law, recently presented "Bordering on Terror" to a panel on "Unfunding Terror," published in *The Transnational Lawyer* 17, (2004): 113–119.

Brian C. Hall, associate professor of mathematics, published "Article: Holomorphic Sobolev Spaces and the Generalized Segal-Bargmann Transform" with W. Lewkeeratiyutkul, *Journal of Functional Analysis* 217, No. 1 (Dec. 1).

Maureen T. Hallinan, director of the Center for Research on Educational Opportunity and the White Professor of Sociology, published "The Detracking Movement," *Education Next* (fall): 73–76; and, with B.J. Ellison, published "Ability Grouping in Catholic and Public Schools," *Catholic Education: A Journal of Inquiry and Practice* 8, No. 1 (2004): 107–129.

Kevin Hart, professor of English and Nanovic Institute fellow, edited *The Power of Contestation: Perspectives on Maurice Blanchot* with G. Hartman (Baltimore: The Johns Hopkins Univ. Press, 2004): 222 pp.

Prashant V. Kamat, professional specialist in the Radiation Laboratory and concurrent professor of chemical and biomolecular engineering, published "Supramolecular Photovoltaic Cells Based on Composite Molecular Nanoclusters: Dendritic Porphyrin and C60, Porphyrin Dimer and C60, and Porphyrin-C60 Dyad" with T. Hasobe, M.A. Absalom, Y. Kashiwagi, J. Sly, M.J. Crossley, K. Hosomizu, H. Imahori, and S. Fukuzumi, *Journal of Physical Chemistry B* 108, No. 34 (2004): 12865–12872; and "Photoelectrochemical Properties of Supramolecular Composite of Fullerene Nanoclusters and 9-Mesityl-10-Carboxymethylacridinium Ion on SnO_2 " with T. Hasobe, S. Hattori, H. Kotani, K. Ohkubo, K. Hosomizu, H. Imahori, and S. Fukuzumi, *Organic Letters* 6, No. 18 (2004): 3103–3106.

Rajiv Kohli, assistant professor of management, published "Informing the Clan: Controlling Physicians' Costs and Outcomes," with W. Kettinger, *MIS Quarterly* 28, No. 3 (Sept.) 363–394.

James J. Kolata, professor of physics, published "Elastic Scattering of ^{10}Be on ^{208}Pb Near the Coulomb Barrier" with E.F. Aguilera, et al., *Physical Review C* 69 (2004): 047601 (3 pp.).

Donald P. Kommers, the Robbie Professor of Political Science and professor of law, published *American Constitutional Law: Essays, Cases and Comparative Notes* (Rowman and Littlefield, 2004) with J.E. Finn and G.J. Jacobson.

Robert A. Krieg, professor of theology and Nanovic Institute fellow, published *Romano Guardini: A Precursor of Vatican II* (1997) in Spanish: *Romano Guardini, Un precursor*, trans. Jose Benigno Zilli Manica (Xalapa, Veracruz: Univ. Veracruzana, 2003).

Ian Kuijt, associate professor of anthropology, co-edited the book *Complex Hunter-Gatherers: Evolution and Organization of Prehistoric Communities on the Plateau of Northwestern North America*, with W. Prentiss (Salt Lake: Univ. of Utah Press, 2004), which included "The Archaeology of the Plateau Region of Northwestern North America: Background and Approaches to the Evolution of Complex Hunter-Gatherers," written with W. Prentiss, "Villages on the Edge: Pithouses, Culture Change, and the Emergence of Complex Forager-Fisher," written with W. Prentiss, "Recurrent Cultural Complexity: A New Chronology of the Upper Columbia Drainage Area," written with N. Goodale and W. Prentiss, and "The Evolution of Collector Systems on the Canadian Plateau," written with N. Goodale and W. Prentiss; published "Cyprus as a Regional Neolithic Entity: Do Researchers Need to Revisit the Concept of the Levantine PPNB Interaction Sphere?" in *Neolithics: Southwest Asian Lithic Research* 1, No. 4 (2004): 8–9; and cowrote "Lumps of Clay and Pieces of Stone: Ambiguity, Bodies, and Identity as Portrayed in Neolithic Figurines" with **Meredith Chesson**, assistant professor of anthropology, *Archaeologies of the Near East: Critical Perspectives*, R. Bernbeck and S. Pollock (eds.) (London: Basil Blackwell, 2004): 152–183.

Keir A. Lieber, assistant professor of political science and Kroc and Nanovic Institutes fellow, published a review of Campbell Craig, *Glimmer of a New Leviathan: Total War in the Realism of Niebuhr, Morgenthau, and Waltz* (New York: Columbia Univ. Press, 2003) in *Ethics and International Affairs* 18 (fall).

Timothy Matovina, associate professor of theology and director of the Cushwa Center for the Study of American Catholicism, published a review of *Of Borders and Margins: Hispanic Disciples in Texas, 1888–1945*, by D.L. Machado, *Journal of Religion* 84 (July): 469–471.

John E. Matthias, professor of English, published *New Selected Poems* (Cambridge, U.K.: Salt Publishing, 2004): 387 pp.

Rev. Richard P. McBrien, the Crowley-O'Brien Professor of Theology, published "Radcliffe's Talk Beggars the Issues," *National Catholic Reporter* 40, No. 38 (Sept. 3):

17–18; and "Catholic Identity in a Time of Change," *The Furrow* 55, No. 9 (Sept.): 455–464.

Anthony N. Michel, the Freimann Professor of Engineering Emeritus and McCloskey Dean of Electrical Engineering, published " L_2 Gain Analysis of Switched Symmetric Systems with Time Delays" with G. Zhai, X. Chen, and Y. Sun, *Dynamics of Continuous Discrete and Impulsive Systems, Series A: Mathematical Analysis* 11, No. 2 (2004): 221–234.

Nathan Mitchell, professional specialist and associate director in the Center for Pastoral Liturgy and concurrent professional specialist in the Dept. of Theology, published "Landscaping Paradise," (The Amen Corner), *Worship* 78, No. 5 (Sept.): 454–467.

Rudolph M. Navari, associate dean, College of Science, and director of the Walther Cancer Research Center, published "A Phase I Trial of Olanzapine for the Prevention of Delayed Emesis in Cancer Patients" in *Cancer Investigation* 22 (2004): 383–388.

Thomas L. Nowak, professor of chemistry and biochemistry, published "pH Dependence of the Reaction Catalyzed by Avian Mitochondrial Phosphoenolpyruvate Carboxykinase" with T. Holyoak, *Biochemistry* 43 (2004): 7054–7065.

Susan Ohmer, the Carey Assistant Professor of Modern Communication in the Department of Film, Television, and Theatre, published "The Land Grab for Bandwidth: Digital Conversion in an Era of Consolidation" in *Global Currents: Media and Technology Now*, eds. T.G. Oren and P. Petro (New Brunswick: Rutgers Univ. Press, 2004): 113–135.

David N. Ricchiute, the Deloitte & Touche Professor of Accountancy, published "Effects of an Attorney's Line of Argument on Accountants' Expert Witness Testimony," *The Accounting Review*, 79, No. 1 (2004): 221–245.

G.V. Rogachev, research assistant professor of physics, published "Investigation of the α -Cluster Structure of ^{22}Ne and ^{22}Mg " with V.Z. Goldberg, W.H. Trzaska, and **James J. Kolata**, professor of physics, et al., *Physical Review C* 69 (2004): 024602 (10 pp.).

Thomas Gordon Smith, professor of architecture, exhibited works in the Collection

of the German Architectural Museum in Frankfurt in an exhibit titled "Post-Modernism Revisited."

Brian Smyth, professor of mathematics, published "Soliton Surfaces in the Mechanical Equilibrium of Closed Membranes," *Communications in Mathematical Physics* 250 (2004): 81–94.

Marina Smyth, librarian, University Libraries, published "The Origins of Purgatory through the Lens of Seventh-Century Irish Eschatology," *Traditio* 58 (2003): 91–132.

Duncan Stroik, associate professor of architecture, published "Harmony, Beauty, and the Place of the Sacred in American Urbanism" in *Citta Commercio Architettura*, edited by A. Bucci and D. Diolaiti (Alinea Editrice, Firenze, 2004): 418–429. Stroik's designs for a new mixed use building in Milwaukee and Thomas Aquinas College were published in *New Civic Architecture, the Ecological Alternative to Sub-Urbanization*, edited by G. Tagliaventi (Alinea Editrice, Firenze): 188–189.

Yang Sun, visiting associate professor of physics, published with X.-R. Zhou, et al. "Nuclear Structure of ^{178}Hf Related to the Spin-16, 31-Year Isomer," *Physical Letters B* 589 (2004): 83.

Lee A. Tavis, the Smith Emeritus Professor of Finance, published "The Person, the Market, and the Community," with T.M. Tavis, in *The Invisible Hand and the Common Good*, B. Hodgson, ed. (Berlin: Springer-Verlag, 2004).

Henry M. Weinfield, professor and chair of Liberal Studies, published "The Wanderer" and "Without Mythologies" in *Smartish Pace* 10 (April): 104–105; and "The Old Man at the Dump" in *The Poetry Porch: "The Long Poem,"* ed. J. Wilson (August): www.poetryporch.com.

Carroll William Westfall, the Montana Professor of Architecture, published "Apartments," *The Encyclopedia of Chicago*, eds. J.R. Grossman, et al. (Chicago and London: Univ. of Chicago Press, 2004): 26.

Charles K. Wilber, emeritus professor of economics and Kroc Institute fellow, published "Economics: Not Just for Presidential Candidates" in *Preach* (July/Aug.): 14–15; and "The Perils and Promise of Globalization," *National Catholic Reporter* 40, No. 36 (Aug. 13).

Rev. Oliver F. Williams, C.S.C., director of the Center for Ethics and Religious Values in Business, and fellow of the Kroc Institute, published "La Ética De Las Virtudes: Una Teoría Moral Para El Management" (written with Patrick Murphy, the Smith Professor of Marketing and fellow of the Nanovic Institute, and translated from the 1990 article "The Ethics of Virtue: A Moral Theory for Marketing") in *Ética De Los Negocios*, L. Videla and R. Crespo, eds. (*Editorial De La Universidad Católica Argentina*, 2004): 107-125.

James Wittenbach, professor of accountancy, published "A Synopsis of the Truth about Frivolous Tax Arguments," *Tax Notes* 104, No. 9 (Aug. 30): 977-984.

Andreas Wöhr, research assistant professor of physics, published "The N=Z rp-Process Waiting-Point Nucleus ⁶⁸Se and Its Astrophysical Implications" with Ani Aprahamian, professor of physics, P. Boutachkov, J.L. Galache, Joachim Görres, research professor of physics, M. Shawcross, A. Teymurazyan, Michael C. Wiescher, the Freimann Professor of Physics, et al., *Nuclear Physics A* 742 (2004): 349-362.

Samir Younés, associate professor of architecture and director of Rome Studies, published an essay titled "The Empire of Masks: Pluralism and Monism in Politics and Architecture" in the *Journal of the Royal Institute of Philosophy* 79 (Oct.): 533-548.

Eduardo Zambrano, assistant professor of finance, published "The Interplay Between Analytics and Computation in the Study of Congestion Externalities: The Case of the El Farol Problem" in the *Journal of Public Economic Theory* 6, No. 2 (2004): 375-395.

In Memoriam

Edmond R. Haggard Sr., a Life Trustee and alumnus, died Sept. 28 in Dallas.

Administrators' Notes

Activities

Alan Bigger, director of Building Services, presented a Digi-Chat seminar titled "A Dragon at Our Gates: Contracting and Outsourcing Functions at Your Facility" to members of the International Executive Housekeepers' Association on Sept. 10.

David M. Morrissey, assistant vice president for University Relations, presented "Advisory Councils as Development Tools in the University Setting" at the "2004 CASE Annual Assembly," July 13 in San Diego.

Publications

Alan Bigger, director of Building Services, published "Safety: Only a Click Away," *Executive Housekeeping Today* 25, No. 10 (Oct.): 6-7, 15.

James Moriarity, M.D., chief of medicine, University Health Services, published "A Prospective Controlled Study of Cognitive Function During an Amateur Boxing Tournament" with Patrick Leary, D.O., physician, University Health Services, A. Collie, D. Olson, J. Buchanan, M. McStephen, and P. McCrory, *Neurology* (May 11).

Documentation

University Committee on Women Faculty and Students

April 23, 2004

Members present: Teresa Godwin Phelps (chair), Carl Ackerman, Susan Blum, Liz Dube, Jill Godmilow, Sr. Mary Louise Gude, C.S.C., Mary Ann McDowell, Maura Ryan, Anna Skoien, Katherine Spiess

Members absent: Patricia Bellia, Doris Bergen, Belinda Byrne, Emily Chin, Agnes Ostafin, Erica Pirnie, Peter Quaranto, Eugene Walls

Guests: Gretchen Reydam-Schils, elected a UCWFS member for the 2004-2005 academic year

Observers: Mary Hendriksen, reporter
Prof. Phelps, chair, called the meeting to order at 8:20 a.m.

1. **Minutes of the meeting of March 26, 2004:** The minutes of the meeting of March 26, 2004, were approved without amendment.

2. **Denial of recognition of two student groups:** At the last meeting, Mr. Walls asked if the Committee would consider protesting the University's denial of club status to two student groups: (1) the Lesbian and Gay Studies Research Group, which "supports students interested in pursuing academic research on lesbian, gay, bisexual, transgender, and sexuality-related issues," [Lesbian and Gay Studies Research Group Constitution] and (2) United in Diversity [informally known as the Gay-Straight Alliance], which aims to "create a supportive environment that fosters respect, dialogue and education regarding sexual orientation among the Notre Dame student body" [Gay-Straight Alliance of Notre Dame Constitution]. Prof. Phelps asked Mr. Walls to make a presentation on the denial at today's meeting. Although he was unable to attend the meeting because of a travel delay, Mr. Walls did arrange with Prof. Phelps for the

distribution to Committee members of the constitutions of both student groups.

In discussing whether the Committee should send a letter of protest to the Office of Student Affairs, Prof. Phelps informed members of a website, www.alliancend.com, at which any person could log on and sign an open letter to the University administration protesting the denial of club status to United in Diversity. Prof. Phelps then stated that she believes the UCWFS is most effective overall when it keeps a focus on its mandate, which is women faculty and students. Whatever members' feelings on the denial of recognition to the two proposed student groups, she said, it is a matter outside the Committee's rather narrow mandate.

Several members had questions on why the Lesbian and Gay Studies Research Group, which is academic in nature, would want or need to apply for recognition from the Office of Student Affairs. It is a group at which graduate-level research projects are presented for feedback and critique in an academic setting. Members believed that this function placed it squarely within the academic mission of the University.

Some members suggested that the petition for club status for the research group was either for symbolic value or because it was part of the same piece with United in Diversity, which is more typical in its proposed scope of activities of a student "club."

The consensus of the group was that any member who would like to protest the denial of recognition of either or both of the proposed clubs should do so as an individual; the UCWFS would not take a position on the matter.

3. Subcommittee reports:

(a) *Co-residentiality and maternity benefits*: The work of two subcommittees, one on co-residentiality and the other on maternity benefits for graduate students, is on hold while members wait for more information from various University offices on their respective issues.

(b) *Sexual harassment*: Because Rhonda Brown is no longer with the University, Prof. Phelps volunteered to write the script this summer for the planned training film on sexual harassment [see minutes of the UCWFS meeting of February 27, 2004];

Prof. Ryan will seek funding for the film's production. Prof. Ackerman offered to join the subcommittee as well.

4. **Salary equity review committee report**: Prof. Spiess is the UCWFS representative to the Provost's Salary Equity Review Committee. She reported that the group is making good progress—all the analysis has been completed, and members are at the report-writing stage.

Prof. Spiess explained that the salary equity committee's charge is twofold. First, committee members determine whether there is evidence of systematic bias against women or minorities in the University's faculty salary structure. Second, they identify the "outliers" in faculty salaries. These are cases potentially involving both men and women who are significantly below their predicted salary based on a large number of factors—for example, department, rank, and how many years have elapsed since they received their highest degree. The salary equity committee members do not know the identity or salary of any individual faculty members; they do their analysis using case numbers and residuals from expected salary levels. After that analysis is completed, the Provost's Office will send the names of "outliers" to deans and department chairs for explanation and possible salary adjustments. The salary equity committee's work does not extend to determining whether there is systematic bias in retention or promotion for women or minority faculty members—only to assessing whether the salary structure is equitable, given rank and years in service.

Prof. Reydamas-Schils said that part of the issue in salary equity is problematical assessments of faculty members' performance.

Prof. Phelps asked how easily deans and department chairs' explanations of individuals' lower-than-average salaries will be accepted.

Prof. Spiess said that there is sensitivity to issues of assessment on the part of committee members; however, the first step in the process of determining whether inequities exist is asking the administrators who determine faculty members' salaries for an explanation of variation from the expected level.

5. **Committee membership, leadership, and invitation to the President and provost**: Prof. Phelps asked members to submit names of potential appointed Committee members to Prof. Ryan very soon so that she can prepare a slate for Fr. Malloy, he can appoint four members, and the entire Committee can be in place at the start of the next academic year.

Prof. Phelps said that members of the North Central Association, the University's accrediting body, made the recommendation to her at their March 2004 accrediting visit that, as an advisory group, UCWFS members should meet with both the University's president and provost on an annual basis. While Fr. Malloy and Prof. Hatch were invited to today's meeting, neither could attend. Prof. Phelps urged Committee members to reissue the invitation next year—preferably for a meeting early in the year.

Prof. Phelps, whose term as chair and as a Committee member is ending, thanked members for their hard work throughout the year. She said that the UCWFS is an important group on campus that is becoming ever more visible. The group has accomplished much in the past few years. This year, the Committee has seen progress or met with success on several issues it has taken up—particularly, residence hall equity, faculty salary equity, and the establishment of a Gender Relations Center.

In determining which of the current Committee members might stand for election of chair for the 2004–2005 academic year [the chair must be a tenured member of the faculty], members discussed whether the Committee should be larger. Several members noted that there is an institutional "tax" on women faculty members at Notre Dame. That is, with fewer women than men on the faculty, women faculty members are in demand for many committee positions. Prof. Phelps pointed out that members of this Committee need not be women and urged current members to emphasize that fact in their own colleges.

After discussion, members decided that Prof. Spiess will serve as interim chair of the Committee this summer and work with Prof. Phelps on any continuing Committee business. Then, with the full Committee in place next August, members will elect a chair at the first meeting.

6. Agenda items for the 2004–2005 academic year: Members identified two issues they would like the Committee to take up next year:

(a) Retention of women faculty members:

Several members pointed to departures of women in their own departments as examples of what they perceive to be a high overall attrition rate among Notre Dame's women faculty members. Some members asked how Notre Dame's attrition rate for women compares to the national average. Others wondered if women are more likely to be sought out by competing institutions than men and asked how hard the University is working to retain its women faculty members.

One member observed that when women are negotiating with Notre Dame after receiving an offer elsewhere, it seems that they are not taken as seriously as men. She knows of instances when administrators seem surprised when women accepted offers from another institution. She suggested that a dean's record in retaining women faculty members should be a part of his or her overall performance evaluation.

Members agreed that retention of women faculty members should be on the UCWFS agenda next year.

(b) Special professional faculty: Members had taken up issues of equity concerning the special professional faculty in the 2002–2003 academic year. Their work was tabled when the Provost's Office undertook a study of SPF salaries along the same lines that the Salary Equity Review Committee had used for teaching-and-research faculty. Thus, members agreed that they would like to return to the issue of equity in salaries for the special professional faculty next year.

There being no further business, Prof. Phelps adjourned the meeting at 9:30 am.

University Committee on Libraries

May 6, 2004

The meeting was called to order at 7:30 a.m. in Café DeGrasta by Chairman David Smith. Also in attendance were Harvey Bender, Wesley Calvert, Ryan Finlen, Roger Jacobs, Charles Rosenberg, Mihir Sen, Marsha Stevenson, John Weber, Jennifer Younger, observer Gay Dannelly and secretary Melodie Eiteljorge.

The minutes of the meeting of April 8, 2004 were approved as written.

Director's Report:

Younger reported that on May 5 she and Roger Jacobs attended the first annual meeting of Academic Libraries of Indiana (ALI) in Indianapolis. The group is working on a number of things, including a proposal for on-site reciprocal borrowing. This would provide reciprocal borrowing for member libraries' faculty, staff and students. There was further discussion of this, and members raised several questions and concerns. Currently Notre Dame has a similar agreement with the Michiana Academic Libraries Consortium (MALC) libraries, which includes Notre Dame, Saint Mary's, Holy Cross and Bethel. Beyond that Indiana libraries currently can only borrow through interlibrary loan. Concerns expressed about the proposed plan included:

Opening this up to students throughout Indiana might bring in more traffic during peak periods and might also result in some books not being available to Notre Dame students when needed. We would be a net lender.

Who would be responsible for getting books back when they were overdue or recalled? The borrower's institution should have that responsibility.

Notre Dame's one-year loan period for faculty should be shortened for reciprocal borrowers.

Online renewal would not be an option since it requires a Net ID. We could require that books be returned at the end of a borrowing period without the possibility of immediate renewal.

We could limit the number of books that could be checked out at once.

Jacobs added that Jennifer Younger, having served as President of ALI during its first year, was re-elected by acclamation.

Younger also reported that the Registrar has released four seminar rooms in the tower of the Hesburgh Library for graduate student use. There has been a push for more graduate student study space and this is a response to that issue. The library, Graduate School and Graduate Student Union will collaborate in looking at options for the re-configuration of this space.

After the undergraduate students passed the resolution supporting the Libraries in joining the campus-wide quota system for student printing, Marsha Stevenson held several conversations with Wesley Calvert, UCL graduate student member. The library will find ways to support graduate student printing which could be more extensive than that of undergraduates. The library will make the transition over the summer and implement the print management system in Hesburgh Library and the branches as is possible. Currently, it is only the Mahaffey Business Information Center (BIC) which is part of the quota system and only BIC and the Hesburgh Library first floor Reference Department printers which are on the Pharos print management system (known as PRINT@ND).

Younger reported that she attended the University's first Journal Editors Roundtable on April 30 which was initiated by Greg Sterling, Arts and Letters, Steven Buechler, Science, James Powell, Graduate School and herself. Journal editors stated they need the ability to handle subscriptions online and journal management software, which will be pursued via ND e-marketplace and a review of existing systems available for use.

Younger reported on the JSTOR Amicus Curiae Brief on the concerns of archives and libraries for being able to digitize content for access and preservation.

Chair's Report:

Smith reported that he contacted Seth Brown, chair of the Faculty Senate, in regard to the committee's proposed resolution on access to scholarly literature. The

Senate has only one more meeting this academic year, and the agenda is already full. However, Brown did express interest in this topic. Smith will provide him with further data and background before the Senate convenes in the fall.

Dave Smith, Gail Bederman and Jennifer Younger, who met previously with Cynthia Maciejczyk, Director of Communication Projects and Planning, are setting up another meeting for early summer. Some progress has been made since their earlier meeting in outlining a set of strategies that UCL can use for communicating with university faculty. Their strategies will build on what the library faculty have already done in creating a website on general journal cancellations as well as communicating more directly on what UCL is doing, including Smith's contact with the Faculty Senate. UCL also intends to link up with other library committees, especially the Arts and Letters Library Committee. The group is considering informing the faculty via a Factotal email using an FAQ format with links so that the email itself would not be too long.

Task Force on University Libraries:

Younger distributed the charge of the new task force. John Affleck-Graves was originally designated as chair of the task force, but that might change since his position is changing. Librarians Jennifer Younger, Gay Dannelly, Steve Hayes and Roger Jacobs are on the task force, as well as David Smith as chair of UCL. The work of the task force is to be completed by October.

Bender suggested that UCL should be an information vehicle for the task force and that the task force should make a physical visit to the Hesburgh Library during a busy time. Smith asks that UCL members send further suggestions or revisions to him via email. He will incorporate these changes and additions and send a revision to the committee.

Committee's Annual Report:

Smith distributed a draft of his report. There was a lengthy discussion of the report and several suggestions were made for additions. It was agreed that the report should include an executive summary and that it should be posted on the web with

hot links from the summary to various parts of the document.

Although not for the annual report, the question was raised as to whether there is a white paper on the effects of digitization on library operations. Digitization is a major factor in how libraries will operate in the future and the question was raised and this might be a theme for next year.

Other Business:

Rosenberg offered a motion to thank David Smith for his work as chair this year. The committee unanimously agreed. The committee also thanked departing members Harvey Bender, Biological Sciences, former chair and long time member, Mihir Sen, Engineering, and David Smith, current chair. (Subsequent to the meeting Smith was elected to serve another term as an at-large member.) Thanks also to student representatives Wesley Calvert and Ryan Finlen.

The committee also expressed appreciation in memoriam to Rev. Edmund P. Joyce, C.S.C., in recognition of his continued support for the library and dedication to the University over the years.

There being no further business, the meeting adjourned at 10:00 a.m.

Respectfully submitted.

Melodie Eiteljorge
Senior Administrative Assistant
University Libraries

Research

Awards and Proposal Summary

08/01/2004 to 08/31/2004

Awards Received

Category	No.	Amount
Research	44	\$10,444,673
Total:	44	\$10,444,673

Proposals Submitted

Category	No.	Amount
Research	34	\$5,637,565
Instructional Programs	4	\$2,053,140
Total:	38	\$7,690,705

August 2004 Cumulative summary

Awards Received

	07.01.2002 - 08.31.2002		07.01.2003 - 08.31.2003		07.01.2004 - 08.31.2004	
Category	No.	Amount	No.	Amount	No.	Amount
Research	69	\$14,689,165	82	\$15,387,169	78	\$18,800,555
Facilities and Equipment						
Instructional Programs	2	\$268,133	2	\$76,080		
Other Programs			1	\$62,500		
Service Programs						
Total:	71	\$14,957,298	85	\$15,525,749	78	\$18,800,555

Proposals Submitted

	07.01.2002 - 08.31.2002		07.01.2003 - 08.31.2003		07.01.2004 - 08.31.2004	
Category	No.	Amount	No.	Amount	No.	Amount
Research	67	\$18,492,454	81	\$23,210,896	87	\$30,523,261
Facilities and Equipment						
Instructional Programs	4	\$67,315	2	\$88,533	5	\$2,253,087
Other Programs						
Service Programs						
Total:	71	\$18,559,769	83	\$23,299,429	92	\$32,776,348

Awards received during the period Aug-01-2004 to Aug-31-2004

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Awards for Research</u>				
Department or Office:	Aerospace and Mechanical Engineering			
Niebur, Glen L. Roeder, Ryan K.	Staining Techniques for Micro-CT Imaging of Microdamage	National Institutes of Health	\$111,375	24
Department or Office:	Biological Sciences			
Belovsky, Gary E. (Center or Institute)	LTREB: Ecosystem Structure and Function in Palouse Grasslands	National Science Foundation	\$60,000	60
Collins, Frank Hadley (Center or Institute)	Experimental Parasitology and Vector Biology	National Institutes of Health	\$126,676	12
Li, Lei (Center or Institute)	Centrifugal Modulation of Vertebrate Visual Sensitivity	National Institutes of Health	\$489	36
Li, Lei (Center or Institute)	Searching for Visual System Mutations in Adult Zebrafish	National Institutes of Health	\$9,087	24
Lodge, David M. Lamberti, Gary A.	Ecological Forecasting	National Science Foundation	\$601,508	48
McDowell, Mary A. (Center or Institute)	Inhibition of Interleukin-12 in Leishmania-Infected Macrophages	Private Funding	\$214,500	36
McDowell, Mary A. (Center or Institute)	Sand Fly Genome Project and Anti-Saliva Vaccine Development Specific Aims	ARMY/DARPA	\$2,000,000	24
McKee, Edward E. (Center or Institute)	Heart Mitochondrial Toxicity of Antiviral Nucleosides	I.U. School Medicine	\$226,336	34
McKee, Edward E.	Discretionary Funding: Heart Mitochondrial Toxicity of Antiviral Nucleosides	I.U. School Medicine	\$52,628	15

Awards received during the period Aug-01-2004 to Aug-31-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Center for Social Concerns				
Caponigro, Jerome V.	After School Program 2004-05	City of South Bend	\$6,000	10
Department or Office: Chemical Engineering				
Maginn, Edward J. Brennecke, Joan F.	Design and Evaluation of Ionic Liquids as Novel CO2 Absorbents	Department of Energy	\$144,093	36
Department or Office: Chemistry and Biochemistry				
Castellino, Francis J. (Center or Institute)	Hemostatic Balance & Arterial Thrombosis	Indiana University School of Medicine-N.W. Center	\$86,625	10
Goodson, Holly V.	Interactions Between CLIP-170 and Microtubules	National Institutes of Health	\$259,875	48
Porod, Wolfgang Lieberman, Marya (Center or Institute)	REU Site: Nano/Bio Engineering at Notre Dame	National Science Foundation	\$100,000	36
Mobashery, Shahriar	Novel Approach for Inhibition of the MT1-Gelatinase Axis in Cancer Invasion	Wayne State University	\$227,264	24
Department or Office: Civil Engineering and Geological Sciences				
Westerink, Joannes J	ADCIRC Hydrodynamic Circulation and Transport Code Development	Department of Army	\$105,000	59
Department or Office: Computer Science & Engineering				
Flynn, Patrick J. Bowyer, Kevin W.	Improving the Ease of Use of Iris Recognition Systems: Advanced Open Iris Biometrics	National Geospatial Intelligence Agency	\$120,000	36
Freeland, Joseph C. Schaelicke, Lambert	Scalable Programmable Appliance-based Network Intrusion Detection Architecture	National Science Foundation	\$12,000	36

Awards received during the period Aug-01-2004 to Aug-31-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Electrical Engineering				
Antsaklis, Panos J.	Student Travel Grant: National Science 43rd IEEE Conference Foundation on Decision and Control		\$10,000	12
Walvoord, Barbara E. Costello, Daniel J. Huang, Yih-Fang Collins, Oliver M. Fuja, Thomas E.	Real-World Wireless Communications in the Graduate and Undergraduate Curriculum	National Science Foundation	\$143,232	36
Merz, James L. Jena, Debdeep (Center or Institute)	Molecular Beam Epitaxial System for III-V Nitride Semiconductors	Department of Navy	\$125,000	12
Fehlner, Thomas P. Lieberman, Marya Lent, Craig S. Snider, Gregory L. Kandel, S. A. (Center or Institute)	NIRT: Field-Effect Switching of Molecular Change	National Science Foundation	\$1,300,000	48
Timler, John P. Seabaugh, Alan C. (Center or Institute)	Development of Nanofabrication Instrument	National Science Foundation	\$250,000	18
Snider, Gregory L. Merz, James L. (Center or Institute)	Near-Field Optical Investigation of Si/Ge Quantum Dots (MRSEC Seed Project)	University of Virginia	\$114,498	56
Department or Office: History				
Thomas, Julia A.	Democracy and Photography in Occupied Japan	Private Funding	\$30,000	11

Awards received during the period Aug-01-2004 to Aug-31-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Mathematics				
Alber, Mark S. Maurice, Patricia A. Madey, Gregory R. Niebur, Glen L. Baker, Brian M. (Center or Institute)	Acquisition of the Notre Dame Biocomplexity Computer Cluster	National Science Foundation	\$160,160	24
Cao, Jianguo	Geometric Analysis on Semi-hyperbolic Spaces with Variable Curvature	National Science Foundation	\$99,000	36
Cholak, Peter A.	Definability and Automorphisms in Computability Theory	National Science Foundation	\$84,841	60
Nicholls, David P.	Free Surface Fluid Mechanics and Electromagnetic Scattering Stable High-Order Perturbation	National Science Foundation	\$90,471	36
Department or Office: Physics				
LoSecco, John M. Hildreth, Michael D.	Research in CP Violation in the B Meson Sector	Department of Energy	\$145,000	24
Ruchti, Randal C.	QuarkNet	National Science Foundation	\$756,633	60
Sapirstein, Jonathan R	Weak and Electromagnetic Radiative Corrections in Atomic Physics	National Science Foundation	\$4,814	48
Cason, Neal M. Ruchti, Randal C. Wayne, Mitchell R. Hildreth, Michael D. Goussiou, Anna	Research in Collider Physics	National Science Foundation	\$545,000	36

Awards received during the period Aug-01-2004 to Aug-31-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Wiescher, Michael C (Center or Institute)	Joint Institute for Nuclear Physics	National Science Foundation	\$55,080	46
Department or Office: Political Science				
Campbell, David E.	Civic Education in America's Schools	National Academy of Education	\$50,000	12
Coppedge, Michael J.	Doctoral Dissertation Research: The Participatory Effectiveness of Grassroots Rural Movements: A Comparative Analysis of Brazil, Chile and Ecuador	National Science Foundation	\$7,500	12
Hero, Rodney E. (Center or Institute)	Latino National Survey	Private Funding	\$200,000	24
Department or Office: Psychology				
Borkowski, John G. Maxwell, Scott E. LeClere, Felicia B. (Center or Institute)	Neglect in High-Risk Mothers	National Institutes of Health	\$1,629,988	60
Department or Office: Sociology				
Cardenas, Gilberto Zurita, Martha (Center or Institute)	Latino Leadership Program Evaluation	Private Funding	\$25,000	6
Department or Office: Theology				
Weiss, Joseph E. Cavadini, John C. (Center or Institute)	Summer Renewal Program in Liturgical Music Ministry	Private Funding	\$80,000	21

Awards received during the period Aug-01-2004 to Aug-31-2004

Investigator(s)	Title	Sponsor	Dollars	Months
D'Angelo, Mary R.	Roman Imperial Family Values and Early Jewish and Christian Sexual Politics	National Endowment for the Humanities	\$40,000	10
Groody, Daniel G. (Center or Institute)	Migration and Theology: An International Conference	Private Funding	\$10,000	16
Prugl, Thomas J.	The Interpretation of Job in the Middle Ages	Private Funding	\$25,000	12

Proposals submitted during the period Aug-01-2004 to Aug-31-2004

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Proposals for Research</u>				
Department or Office:	Aerospace and Mechanical Engineering			
Dunn, Patrick F. Brach, Raymond M.	Tobacco-Smoke-Material Exposure via Indirect Pathways	Corporate Funding	\$536,356	36
Renaud, John E.	Virtual Immersion for Autonomous Undersea Vehicle Design	Department of Defense	\$200,500	12
Department or Office:	Biological Sciences			
Hellmann, Jessica J.	Predicting the Impact of Climate Change on Animal Distributions: The Importance of Local Adaptation and Species' Traits	Private Funding	\$145,404	12
McDowell, Mary A.	Genomics of Infectious Disease	Department of Defense	\$200,000	12
Shay, Neil F.	Amino Acid Interactions with Lipid Metabolism in Human Hepatocytes	Corporate Funding	\$125,000	24
Tank, Jennifer L. Bernot, Melody J.	The Microbial Ecology of Nitrogen Dynamics in the Illinois River Floodplain	University of Illinois at Springfield	\$25,422	36
Department or Office:	Chemical and Biomolecular Engineering			
Chang, Hsueh-Chia	Faradaic Micro-Fluidic Devices for Complex Fluids	National Science Foundation	\$342,749	36

Proposals submitted during the period Aug-01-2004 to Aug-31-2004

Investigator(s)	Title	Sponsor	Dollars	Months
McGinn, Paul J.	Combinatorial Pulsed Lased Deposition System for Materials Research	Department of Defense	\$250,000	12
Department or Office:	Civil Engineering and Geological Sciences			
Burns, Peter C.	Martian Platy Flows: Constraints on Origins	National Aeronautics and Space Administration	\$264,912	36
Ketchum, Lloyd H.	REU Site: CSO Control by Embedded Networks and Wetlands	National Science Foundation	\$178,846	36
Lemmon, Michael D.				
Talley, Jeffrey W.				
Neal, Clive R.	Evolution of the Kerguelen LIP: Insights from Crystal Stratigraphy & Crystal Size Distributions from SITE 1137, Elan Bank	National Science Foundation	\$174,551	24
Department or Office:	Electrical Engineering			
Fay, Patrick J.	DARPA RIMS: Micro TPV with High Efficiency Photonic Crystal Emitter	Corporate Funding	\$79,938	12
Jena, Debdeep	High-Resolution X-Ray Diffractometer for Nanoscale Material Characterization	Department of Defense	\$207,275	12
Merz, James L.	Study of Optical Properties of Single InGaN Quantum Dots	North Atlantic Treaty Organization	\$8,300	24
Mintairov, Alexander				

Proposals submitted during the period Aug-01-2004 to Aug-31-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Merz, James L. Snider, Gregory L.	Electronic and Optical Studies of Self-Assembled Quantum Structure Arrays	University of Virginia	\$798,428	72
Orlov, Alexei Snider, Gregory L.	Single-Electron Memory Using Atomic-Layer-Deposition of High-k Barrier Dielectrics and Silicon-Based Single-Electron Transistors	Private Funding	\$85,600	12
Xing, Huili Fay, Patrick J.	Inductively Coupled Plasma Reactive Ion Etching System for III-V Compound Semiconductors and Related Materials	Department of Defense	\$479,005	12
Department or Office:	History			
Osborn, Emily L.	Melting Cans and Recycling Traditions in Kankan, Guinea, 1940-2000	Private Funding	\$43,700	12
Department or Office:	Institute for Latino Studies			
Hernandez, Edwin I.	Latino Pastoral Leadership Initiative	Private Funding	\$162,110	24
Ready, Timothy	Comparative Latinization: Civic and Place Engagement in Four Latino Enclave Neighborhoods in Transition.	Private Funding	\$85,904	12

Proposals submitted during the period Aug-01-2004 to Aug-31-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Mathematics				
Migliore, Juan C.	Cohen-Macaulay Algebras and Monomial Ideals	National Security Agency	\$45,500	24
Department or Office: Physics				
Ruggiero, Steven T.	Acquisition of Adiabatic Demagnetization Refridgerator for Nanoscale Devices	Department of Defense	\$170,500	12
Sapirstein, Jonathan R.	Weak and Electromagnetic Radiative Corrections in Atomic Physics	National Science Foundation	\$225,835	36
Department or Office: Political Science				
Hero, Rodney E.	Latino Immigrants in the Midwest: Understanding Social Integration and Public Policy	Private Funding	\$99,770	24
Hero, Rodney E.	Latino Immigrants in New Receiving Areas	Private Funding	\$241,385	24
Department or Office: Psychology				
Boker, Steven M.	Child Development, Early Education, and Family Processes	National Institutes of Health	\$14,775	12
Boker, Steven M.	Quantitative Lab Analysis	Private Funding	\$3,100	12

Proposals submitted during the period Aug-01-2004 to Aug-31-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Cummings, E. M.	Marital Conflict, Child Agency, and Mental Health	National Institutes of Health	\$42,624	12
Radvansky, Gabriel A.	Engineering a Transformation of Human-Machine Interaction to An Augmented Cognitive Relationship	Sandia National Laboratory	\$0	
Department or Office:	Radiation Laboratory			
Hug, Gordon L.	New Biologically Relevant Sulfur Radical Cation Chemistry	University of Arizona	\$26,183	36
Department or Office:	Sociology			
Cardenas, Gilberto	Faith-Based HIV/AIDS Community Education Initiative	Health & Human Services	\$150,000	12
Cardenas, Gilberto Ready, Timothy Koval, John P.	The Occupational Mobility of Mexicans in Chicago	Private Funding	\$176,282	12
Department or Office:	Theology			
Groody, Daniel G.	The Option for the Poor in Private Funding Christian Theology		\$22,000	12
Department or Office:	Upward Bound			
Coates, Alyssia J.	Mastering Occupational Opportunity Development for Youth's Success	Private Funding	\$25,611	2

Proposals submitted during the period Aug-01-2004 to Aug-31-2004

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Proposals for Instructional Programs</u>				
Department or Office:	Biological Sciences			
Whaley, Michelle A.	REU Site in Integrative Cellular and Molecular Biology	National Science Foundation	\$209,955	36
Boyd, Sunny K.				
Department or Office:	Chemistry and Biochemistry			
Miller, Douglas A.	Application of XRF Spectrophotometry in a Chemistry Based Service Course	Private Funding	\$20,000	12
Sevov, Slavi C.	Support for Foreign Speakers at the Midwest Conference on Solid-State Chemistry at Notre Dame	Private Funding	\$2,400	3
Department or Office:	Law School			
Gurule, Jimmy	U.S. - Afghan LL.M. Program for Afghan Legal Educators	U.S. Department of State	\$1,820,785	36

Awards and Proposal Summary

Centers and Institutes Report

08/01/2004 to 08/31/2004

Awards Received

Department or Office	No.	Amount
Center for Children and Families	1	\$1,629,988
Center for Transgene Research	1	\$86,625
Center for Tropical Disease Research & Training	3	\$2,341,176
Center for Zebrafish Research	2	\$9,576
Environmental Research Center	1	\$60,000
Institute for Church Life	1	\$80,000
Institute for Latino Studies	3	\$235,000
Interdisciplinary Center for the Study of Biocomplexity	1	\$160,160
Nano Science and Technology Center	5	\$1,889,498
Nuclear Structure Laboratory	1	\$55,080
South Bend Center for Medical Education	1	\$226,336
Total:	20	\$6,773,439

Proposals Submitted

Department or Office	No.	Amount
Center for Flow Physics and Control	2	\$736,856
Center for Microfluidics and Medical Diagnostics	1	\$342,749
Center for Social Concerns	1	\$20,000
Center for Tropical Disease Research & Training	1	\$200,000
Institute for Latino Studies	7	\$937,451
Kroc Institute for International Peace Studies	1	\$1,820,785
Nano Science and Technology Center	6	\$1,658,546
Radiation Laboratory	1	\$26,183
Total:	20	\$5,742,570

Awards and Proposal Summary

Centers and Institutes Report

07/01/2004 to 08/31/2004

Awards Received

Department or Office	No.	Amount
ACE Educational Outreach	1	\$65,600
Center for Children and Families	1	\$1,629,988
Center for Flow Physics and Control	1	\$83,638
Center for Transgene Research	1	\$86,625
Center for Tropical Disease Research & Training	4	\$2,380,176
Center for Zebrafish Research	2	\$9,576
Environmental Molecular Science Institute	1	\$1,000,000
Environmental Research Center	2	\$431,265
Institute for Church Life	1	\$80,000
Institute for Latino Studies	4	\$720,000
Interdisciplinary Center for the Study of Biocomplexity	1	\$160,160
Kellogg Institute for International Studies	1	\$299,738
Kroc Institute for International Peace Studies	1	\$25,000
Nano Science and Technology Center	6	\$1,989,498
Nuclear Structure Laboratory	1	\$55,080
South Bend Center for Medical Education	1	\$226,336
Total:	29	\$9,242,680

Proposals Submitted

Department or Office	No.	Amount
Center for Astrophysics	2	\$156,800
Center for Flow Physics and Control	3	\$932,166
Center for Microfluidics and Medical Diagnostics	1	\$342,749
Center for Social Concerns	1	\$20,000
Center for Transgene Research	3	\$526,500
Center for Tropical Disease Research & Training	6	\$8,788,933
Institute for Latino Studies	11	\$1,212,451
Keough Institute for Irish Studies	1	\$40,000
Kroc Institute for International Peace Studies	1	\$1,820,785
Nano Science and Technology Center	10	\$2,640,833
Radiation Laboratory	2	\$26,183
Robinson Community Learning Center	1	\$199,947
Walther Cancer Research Center	1	\$325,000
Total:	43	\$17,032,347

Awards received during the period Aug-01-2004 to Aug-31-2004**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Award #
<u>Awards for Research</u>				
Department or Office: Center for Children and Families				
Borkowski, John G.	Neglect in High-Risk Mothers	National Institutes of Health	\$1,629,988	006113-001
Maxwell, Scott E.				
LeClere, Felicia B.				
(Center or Institute)				
Department or Office: Center for Transgene Research				
Castellino, Francis J.	Hemostatic Balance & Arterial Thrombosis	Indiana University School of Medicine-N.W. Center	\$86,625	006330-001
(Center or Institute)				
Department or Office: Center for Tropical Disease Research & Training				
Collins, Frank Hadley	Experimental Parasitology and Vector Biology	National Institutes of Health	\$126,676	005229-001
(Center or Institute)				
McDowell, Mary A.	Sand Fly Genome Project and Anti-Saliva Vaccine Development Specific Aims	ARMY/DARPA	\$2,000,000	006343-001
(Center or Institute)				
McDowell, Mary A.	Inhibition of Interleukin-12 in Leishmania-Infected Macrophages	Private Funding	\$214,500	006336-001
(Center or Institute)				
Department or Office: Center for Zebrafish Research				
Li, Lei	Centrifugal Modulation of Vertebrate Visual Sensitivity	National Institutes of Health	\$489	006160-001
(Center or Institute)				
Li, Lei	Searching for Visual System Mutations in Adult Zebrafish	National Institutes of Health	\$9,087	006161-001
(Center or Institute)				
Department or Office: Environmental Research Center				
Belovsky, Gary E.	LTREB: Ecosystem Structure and Function in Palouse Grasslands	National Science Foundation	\$60,000	006340-001
(Center or Institute)				

Awards received during the period Aug-01-2004 to Aug-31-2004

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Award #
Department or Office: Institute for Church Life				
Weiss, Joseph E. Cavadini, John C. (Center or Institute)	Summer Renewal Program in Liturgical Music Ministry	Private Funding	\$80,000	006338-001
Department or Office: Institute for Latino Studies				
Groody, Daniel G. (Center or Institute)	Migration and Theology: An International Conference	Private Funding	\$10,000	006324-001
Hero, Rodney E. (Center or Institute)	Latino National Survey	Private Funding	\$200,000	006347-001
Cardenas, Gilberto Zurita, Martha (Center or Institute)	Latino Leadership Program Evaluation	Private Funding	\$25,000	006323-001
Department or Office: Interdisciplinary Center for the Study of Biocomplexity				
Alber, Mark S. Maurice, Patricia A. Madey, Gregory R. Niebur, Glen L. Baker, Brian M. (Center or Institute)	Acquisition of the Notre Dame Biocomplexity Computer Cluster	National Science Foundation	\$160,160	006342-001
Department or Office: Nano Science and Technology Center				
Snider, Gregory L. Merz, James L. (Center or Institute)	Near-Field Optical Investigation of Si/Ge Quantum Dots (MRSEC Seed Project)	University of Virginia	\$114,498	005348-001
Merz, James L. Jena, Debdeep (Center or Institute)	Molecular Beam Epitaxial System for III-V Nitride Semiconductors	Department of Navy	\$125,000	006254-001

Awards received during the period Aug-01-2004 to Aug-31-2004**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Award #
Fehlner, Thomas P. Lieberman, Marya Lent, Craig S. Snider, Gregory L. Kandel, S. A. (Center or Institute)	NIRT: Field-Effect Switching of Molecular Change	National Science Foundation	\$1,300,000	006321-001
Timler, John P. Seabaugh, Alan C. (Center or Institute)	Development of Nanofabrication Instrument	National Science Foundation	\$250,000	006335-001
Porod, Wolfgang Lieberman, Marya (Center or Institute)	REU Site: Nano/Bio Engineering at Notre Dame	National Science Foundation	\$100,000	006349-001
Department or Office:	Nuclear Structure Laboratory			
Wiescher, Michael C (Center or Institute)	Joint Institute for Nuclear Physics	National Science Foundation	\$55,080	006117-001
Department or Office:	South Bend Center for Medical Education			
McKee, Edward E. (Center or Institute)	Heart Mitochondrial Toxicity of Antiviral Nucleosides	I.U. School Medicine	\$226,336	005899-001

Proposals submitted during the period Aug-01-2004 to Aug-31-2004

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Proposal #
<u>Proposals for Research</u>				
Department or Office:	Center for Flow Physics and Control			
Dunn, Patrick F.	Tobacco-Smoke-Material Exposure via Indirect Pathways	Corporate Funding	\$536,356	05020073
Brach, Raymond M.				
Renaud, John E.	Virtual Immersion for Autonomous Undersea Vehicle Design	Department of Defense	\$200,500	05020085
Department or Office:	Center for Microfluidics and Medical Diagnostics			
Chang, Hsueh-Chia	Faradaic Micro-Fluidic Devices for Complex Fluids	National Science Foundation	\$342,749	05020092
Department or Office:	Center for Tropical Disease Research & Training			
McDowell, Mary A.	Genomics of Infectious Disease	Department of Defense	\$200,000	05020087
Department or Office:	Institute for Latino Studies			
Cardenas, Gilberto	Faith-Based HIV/AIDS Community Education Initiative	Health & Human Services	\$150,000	05020057
Cardenas, Gilberto	The Occupational Mobility of Mexicans in Chicago	Private Funding	\$176,282	05020063
Ready, Timothy				
Koval, John P.				
Hero, Rodney E.	Latino Immigrants in the Midwest: Understanding Social Integration and Public Policy	Private Funding	\$99,770	05020070

Proposals submitted during the period Aug-01-2004 to Aug-31-2004**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Ready, Timothy	Comparative Latinization: Civic and Place Engagement in Four Latino Enclave Neighborhoods in Transition.	Private Funding	\$85,904	05020068
Hero, Rodney E.	Latino Immigrants in New Receiving Areas	Private Funding	\$241,385	05020072
Hernandez, Edwin I.	Latino Pastoral Leadership Initiative	Private Funding	\$162,110	05020090
Groody, Daniel G.	The Option for the Poor in Christian Theology	Private Funding	\$22,000	05020089
Department or Office:	Nano Science and Technology Center			
Orlov, Alexei	Single-Electron Memory Using Atomic-Layer-Deposition of High-k Barrier Dielectrics and Silicon-Based Single-Electron Transistors	Private Funding	\$85,600	05020062
Snider, Gregory L.				
Merz, James L.	Electronic and Optical Studies of Self-Assembled Quantum Structure Arrays	University of Virginia	\$798,428	05020093
Snider, Gregory L.				

Proposals submitted during the period Aug-01-2004 to Aug-31-2004

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Xing, Huili Fay, Patrick J.	Inductively Coupled Plasma Reactive Ion Etching System for III-V Compound Semiconductors and Related Materials	Department of Defense	\$479,005	05020084
Fay, Patrick J.	DARPA RIMS: Micro TPV with High Efficiency Photonic Crystal Emitter	Corporate Funding	\$79,938	05020079
Jena, Debdeep	High-Resolution X-Ray Diffractometer for Nanoscale Material Characterization	Department of Defense	\$207,275	05020083
Merz, James L. Mintairov, Alexander	Study of Optical Properties of Single InGaN Quantum Dots	North Atlantic Treaty Organization	\$8,300	05020082
Department or Office:	Radiation Laboratory			
Hug, Gordon L.	New Biologically Relevant Sulfur Radical Cation Chemistry	University of Arizona	\$26,183	05020095

Proposals for Instructional Programs

Department or Office:	Center for Social Concerns			
Miller, Douglas A.	Application of XRF Spectrophotometry in a Chemistry Based Service Course	Private Funding	\$20,000	05020088

Proposals submitted during the period Aug-01-2004 to Aug-31-2004**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Department or Office:	Kroc Institute for International Peace Studies			
Gurule, Jimmy	U.S. - Afghan LL.M. Program for Afghan Legal Educators	U.S. Department of State	\$1,820,785	05020091

Awards and Proposal Summary

09/01/2004 to 09/30/2004

Awards Received

Category	No.	Amount
Research	34	\$8,946,663
Total:	34	\$8,946,663

Proposals Submitted

Category	No.	Amount
Research	79	\$30,721,986
Total:	79	\$30,721,986

September 2004 Cumulative summary**Awards Received**

Category	07.01.2002 - 09.30.2002		07.01.2003 - 09.30.2003		07.01.2004 - 09.30.2004	
	No.	Amount	No.	Amount	No.	Amount
Research	93	\$20,315,442	122	\$21,711,286	112	\$27,747,218
Facilities and Equipment						
Instructional Programs	2	\$268,133	4	\$914,991		
Other Programs			1	\$62,500		
Service Programs						
Total:	95	\$20,583,575	127	\$22,688,777	112	\$27,747,218

Proposals Submitted

Category	07.01.2002 - 09.30.2002		07.01.2003 - 09.30.2003		07.01.2004 - 09.30.2004	
	No.	Amount	No.	Amount	No.	Amount
Research	140	\$36,590,009	161	\$60,424,490	166	\$61,245,247
Facilities and Equipment						
Instructional Programs	4	\$67,315	2	\$88,533	5	\$2,253,087
Other Programs						
Service Programs						
Total:	144	\$36,657,324	163	\$60,513,023	171	\$63,498,334

Awards received during the period Sep-01-2004 to Sep-30-2004

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Awards for Research</u>				
Department or Office:	Aerospace and Mechanical Engineering			
Corke, Thomas C.	Equipment Donation - Controller Motor	National Aeronautics and Space Administration	\$22,850	36
Jumper, Eric J. (Center or Institute)	High-Bandwidth MEMS Mirrors for Atmospheric Compensation	Corporate Funding	\$30,000	6
Renaud, John E.	Hybrid Cellular Automata: A Novel Method for Optimum Topology Design of Structures	Corporate Funding	\$50,000	12
Roeder, Ryan K.	Variable Diameter Fiber (VDF) Reinforcements for Biocomposites	Corporate Funding	\$30,870	12
Department or Office:	Biological Sciences			
Lamberti, Gary A. Lodge, David M. Maurice, Patricia A. (Center or Institute)	Interactive Effects of Climate Change, Wetlands, and Dissolved Organic Matter on UV Damage to Aquatic Foodwebs	University of Oregon	\$128,018	30
Lamberti, Gary A. Kulpa, Charles F. Brennecke, Joan F. Bernot, Randall J. Lodge, David M.	Determining the Environmental Impacts and Biodegradability of New Ionic Liquids	National Oceanic & Atmospheric Administration	\$494,739	12
Lodge, David M.	Monitoring and Analysis of Rusty Crayfish	U.S. Forest Service	\$18,000	14
Romero-Severson, Jeanne Collins, Frank H. (Center or Institute)	Indiana Center for Insect Genomics	21st Century Research & Technology Fund	\$2,000,000	24

Awards received during the period Sep-01-2004 to Sep-30-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Welsh, JoEllen J	Vitamin D Mediated Apoptosis in Mammary Cells	National Institutes of Health	\$15,000	12
Department or Office: Chemical and Biomolecular Engineering				
Mukasyan, Alexander S. (Center or Institute)	Joining of Refractory Materials: Carbon-Carbon Composites	21st Century Research & Technology Fund	\$337,908	24
Department or Office: Chemistry and Biochemistry				
Kuno, Masaru K.	Single Quantum Dot (QD) Electron Transfer Studies	Private Funding	\$35,000	24
Lieberman, Marya Porod, Wolfgang (Center or Institute)	REU Site: Nano/Bio Engineering at Notre Dame	National Science Foundation	\$100,000	36
Smith, Bradley D. (Center or Institute)	Measuring the Efficacy of Anticancer Drugs in Early Stages of Treatment	Corporate Funding	\$138,105	24
Smith, Bradley D.	Travel Costs for Three Foreign Speakers at ISSC-XII	Private Funding	\$3,600	6
Department or Office: Civil Engineering and Geological Sciences				
Talley, Jeffrey W. Ketchum, Lloyd H. Lemmon, Michael D. Ostafin, Agnes E. Maurice, Patricia A.	Detection and Control of Combined Sewer Overflow Events Using Embedded Sensor Network Technology	21st Century Research & Technology Fund	\$1,000,000	24
Westerink, Joannes J	Hydrodynamic Modeling of Flooding Events in Southern Louisiana	Louisiana State University	\$22,258	48

Awards received during the period Sep-01-2004 to Sep-30-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Westerink, Joannes J	ADCIRC Hydrodynamic Circulation and Transport Code Development	Department of Army	\$7,000	59
Department or Office:	Computer Science & Engineering			
Bowyer, Kevin W. Flynn, Patrick J.	Center for Advanced Biometric Research and Evaluation	Department of Justice	\$296,843	24
Hu, Xiaobo Lemmon, Michael D.	Flexible Scheduling in Real-Time Control Systems with Uncertainty	National Science Foundation	\$88,084	36
Department or Office:	Electrical Engineering			
Bernstein, Gary H. (Center or Institute)	Electron Beam Lithography System for Direct-Write and Mask Making	Department of Navy	\$523,800	13
Sauer, Ken D. Incropera, Frank P.	Ethics and Changing Energy Markets Conference	National Science Foundation	\$24,000	12
Seabaugh, Alan C. (Center or Institute)	Silicon MOS Transistors and Circuits Under Uniaxial Strain	Corporate Funding	\$6,077	2
Department or Office:	English			
Hart, Kevin J. (Center or Institute)	Religious Experience and English Poetry, 1633-1985	National Endowment for the Humanities	\$121,927	15
Department or Office:	Institute for Latino Studies			
Hernandez, Edwin I. (Center or Institute)	Hispanic Ministry Trends and Needs	Private Funding	\$51,500	12
Hernandez, Edwin I. (Center or Institute)	The Influence of Religion on Latino Political Attitudes and Behavior	Private Funding	\$18,500	3

Awards received during the period Sep-01-2004 to Sep-30-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Mathematics				
Dwyer, William G.	FRG Collaborative Research: Homotopical Approaches to Group Actions	Purdue University	\$120,510	36
Faybusovich, Leonid	Interior-Point Methods of Optimization: extensions and applications	National Science Foundation	\$180,000	36
Sommese, Andrew J. Wampler, Charles W. (Center or Institute)	Collaborative Research: Numerical Algorithms and Software for Solving Polynomial Systems with Parameters	National Science Foundation	\$302,729	36
Department or Office: Physics				
Barabasi, Albert-Laszlo	Characterizing the Dynamics of Complex Networks	National Science Foundation	\$334,000	60
Barabasi, Albert-Laszlo	Characterizing Community Evolution and Communication Patterns in Social Networks	National Science Foundation	\$192,886	12
Garnavich, Peter M. (Center or Institute)	Probing the Equation of State of the Dark Energy with Supernovae	Harvard University	\$80,000	17
Wiescher, Michael C (Center or Institute)	Joint Institute for Nuclear Physics	National Science Foundation	\$2,000,000	48
Department or Office: Psychology				
Radvansky, Gabriel A.	Engineering a Transformatin of Human-Machine Interaction to An Augmented Cognitive Relationship	Sandia National Laboratory	\$4,000	34

Awards received during the period Sep-01-2004 to Sep-30-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Yuan, Ke-Hai	RUI-Collaborative Research: Development of Statistical Modeling Methods for Analysis of Social and Behavioral Science Data	National Science Foundation	\$168,459	36

Proposals submitted during the period Sep-01-2004 to Sep-30-2004

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Proposals for Research</u>				
Department or Office:	Aerospace and Mechanical Engineering			
Jumper, Eric J.	Support the Development of an Aero-Optical Test Simulator Code	Corporate Funding	\$50,000	12
Jumper, Eric J.	High-Bandwidth Wavefront Sensor for Aero-Optic T&E	Department of Defense	\$1,270,228	36
Schmid, Steven R.	Friction and Heat Transfer in Finite Element Simulation of Metal Forming	National Science Foundation	\$238,359	36
Schmid, Steven R. Ovaert, Timothy C.	Nanoscale Simulation of Chemical Mechanical Polishing	Corporate Funding	\$72,000	12
Department or Office:	African/African-American Studies			
Page, Hugh R.	Mainstreaming the Study of Afrodiasporan Spirituality, Theology, and Religious Life in Contemporary Theological Education	Private Funding	\$70,000	17
Department or Office:	Biological Sciences			
Adams, John H.	Experimental Tropical Disease Research	National Institutes of Health	\$302,219	12
Diffley, Peter Weatherby, Dennis	Reducing the Cost of Graduate Attrition	Private Funding	\$116,500	30

Proposals submitted during the period Sep-01-2004 to Sep-30-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Hellmann, Jessica J.	Predicting the Impact of Climate Change on Animal Distributions: The Importance of Local Adaptation and Species' Traits	Department of Energy	\$437,289	36
O'Tousa, Joseph E.	Molecular Basis of Vision Behavior in the Malaria Vector	Purdue University	\$73,410	12
O'Tousa, Joseph E.	Vitamin A Utilization in Vision	National Institutes of Health	\$262,500	12
Olson, Kenneth R.	The Lamprey Aorta as a Model of Hypoxic Vasoconstriction	I.U. School Medicine	\$205,195	12
Suckow, Mark A.	Inhibition of Adhesiogenesis with a Novel Biomaterial	Corporate Funding	\$4,943	12
Welsh, JoEllen J.	Anti-Tumor Effects of Vitamin D and Chemotherapy in Vivo	Private Funding	\$44,100	12
Department or Office:	Center for Pastoral Liturgy			
Kroeker, Charlotte	Acquisition of Out-of-Print Sacred Music	Indiana University Bloomington	\$1,475	0
Department or Office:	Chemical and Biomolecular Engineering			
Chang, Hsueh-Chia	Complex Microfluidic Flows for Space Flight Monitoring Kits	National Aeronautics and Space Administration	\$351,415	36

Proposals submitted during the period Sep-01-2004 to Sep-30-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Palmer, Andre F.	Hydrogel Based Oxygen Carriers	National Institutes of Health	\$225,000	12
Palmer, Andre F.	Stealth Bovine Red Blood Cells	National Institutes of Health	\$75,000	12
Palmer, Andre F.	Synthetic Diblock Based Oxygen Carriers	National Institutes of Health	\$225,000	12
Wolf, Eduardo E.	High Throughput Activity and Operando EXAFS and FTIR Studies of the Selective CO Oxidation	National Science Foundation	\$404,688	36
Department or Office:	Chemistry and Biochemistry			
Baker, Brian M. Borbulevych, Oleg	Structure-Guided Design of Improved Melanoma Vaccines Candidates	Private Funding	\$150,000	36
Basu, Subhash C. Basu, Manju Pugia, Michael J.	Protease Inhibitors and Kidney Diseases (PIKD)	National Institutes of Health	\$150,000	12
Clark, Patricia L.	Influence of Translation on Protein Folding	National Institutes of Health	\$363,104	12
Helquist, Paul	Automated Design and Experimental Screening of Chiral Catalysts	National Science Foundation	\$397,142	36

Proposals submitted during the period Sep-01-2004 to Sep-30-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Helquist, Paul	Molecular Libraries Screening Centers Network	Purdue University	\$1,375,516	36
Helquist, Paul	Preclinical Drug Development Studies of Antiproliferative Marine Macrolides	Private Funding	\$100,000	24
Joyce, David E.	Biomarkers in Cancer and Sepsis	Private Funding	\$99,978	12
Nowak, Thomas	Molecular Information Transfer: Allosteric Regulation of Pyruvate Kinase	National Science Foundation	\$487,295	36
Department or Office:	Civil Engineering and Geological Sciences			
Kurama, Yahya C.	Supplement to NSF CAREER Project	National Science Foundation	\$9,999	5
Department or Office:	Computer Science & Engineering			
Flynn, Patrick J.	Facial Feature Extraction and Quality Assessment for 2D/3D Multimodal Face Images	Sandia National Laboratory	\$35,000	12
Kogge, Peter M.	"At the Memory" Floating Point Architecture Research	Sandia National Laboratory	\$150,000	36

Proposals submitted during the period Sep-01-2004 to Sep-30-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: East Asian Languages and Literatures				
Lin, Sylvia L.	Confronting Atrocity: Representations of the 2/28 Incident and White Terror in Taiwan	Private Funding	\$30,000	12
Lin, Sylvia L.	Confronting Atrocity: Representations of the 2/28 Incident and White Terror in Taiwan	National Endowment for the Humanities	\$5,000	2
Lin, Sylvia L.	Confronting Atrocity: Representations of the 2/28 Incident and White Terror in Taiwan	National Endowment for the Humanities	\$40,000	12
Department or Office: Electrical Engineering				
Bernstein, Gary H. Fay, Patrick J.	Quilt Packaging: A New Paradigm for High-Performance, Heterogeneous System-in-Package Integration	National Science Foundation	\$550,114	36
Fay, Patrick J.	Integrated Low Noise Amplifiers and Mixers for RF Communications	Corporate Funding	\$20,962	6
Fay, Patrick J.	Avalanche Photodiode Arrays for Photon-Counting Applications	Corporate Funding	\$20,942	6

Proposals submitted during the period Sep-01-2004 to Sep-30-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Merz, James L. Jena, Debdeep Seabaugh, Alan C. Lieberman, Marya Porod, Wolfgang	Center for Molecular and Nano-enhanced Materials and Devices	National Science Foundation	\$12,070,011	72
Merz, James L. Mintairov, Alexander	GaAs Nanowhiskers Grown by MBE: Formation Mechanisms and Optical Properties	Private Funding	\$14,590	24
Merz, James L. Mintairov, Alexander	Nanoindentation and Near-Field Spectroscopy of Quantum Structures	Department of Energy	\$395,715	36
Xing, Huili (Grace) Lieberman, Marya Jena, Debdeep	AlGaIn/GaN SAMFET for Transparent Multifunctional Biosensors	Corporate Funding	\$40,000	12
Department or Office:	Film, Television, and Theatre			
Arons, Wendy K.	Simple Acts: Performance, Sustenance, Sustainability	Private Funding	\$75,834	12
Department or Office:	History			
Gregory, Brad S.	Storming Heaven: Christianity in the Reformation Era	Private Funding	\$40,000	9

Proposals submitted during the period Sep-01-2004 to Sep-30-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office:	Institute for Latino Studies			
Ready, Timothy	Comparative Civic and Place Engagement in Three Latino Enclave Neighborhoods in Transition	Florida International University	\$208,966	36
Department or Office:	Kroc Institute for International Peace Studies			
Lederach, John P. Darby, John	Monitoring and Learning from Best Practices in Southeast Asian Peacebuilding	U.S. Institute of Peace	\$196,100	18
Department or Office:	Law School			
Phelps, Teresa G.	Re-Membering: The Role of Personal Stories in Peacemaking and Nation Building	Private Funding	\$62,963	12
Department or Office:	Mathematics			
Barron, Katrina D.	Algebraic and Differential Geometric Foundation of Superconformal Field Theory	National Science Foundation	\$94,621	36
Diller, Jeffrey A.	Real and Complex Dynamics of Rational Surface Maps	National Science Foundation	\$436,673	60
Evens, Samuel R.	Representation Theory and Geometry	National Science Foundation	\$143,976	36
Han, Qing Gursky, Matthew J.	Collaborative Research: FRG: Global Differential Geometry and the Theory of Fully Nonlinear Elliptic Equations	National Science Foundation	\$774,601	36

Proposals submitted during the period Sep-01-2004 to Sep-30-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Ledrappier, Francois M.	Ergodic Theory	National Science Foundation	\$202,788	36
Migliore, Juan C.	Collaborative Research: Cohen-Macaulay Rings and Monomial Ideals	National Science Foundation	\$151,980	36
Shaw, Mei-Chi	Focus Research Group: Several Complex Variables on Non-Smooth Domains	National Science Foundation	\$299,361	36
Department or Office:	Philosophy			
Flint, Thomas P.	The Freedom of the Incarnate Son	Private Funding	\$40,000	9
Flint, Thomas P.	The Freedom of the Incarnate Son	Private Funding	\$50,000	9
Department or Office:	Physics			
Aprahamian, Ani Garg, Umesh Wiescher, Michael C. Collon, Philippe A.	Nuclear Structure and Nuclear Astrophysics	National Science Foundation	\$5,038,680	36
Barabasi, Albert-Laszlo	Antibiotic Target Identification Through Networks Biology	University of Pittsburgh	\$148,283	12
Blackstead, Howard A.	Superconductivity in Cu-doped A ₂ YRuO ₆ : Challenges and Opportunities	University of Missouri	\$213,077	48

Proposals submitted during the period Sep-01-2004 to Sep-30-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Eskildsen, Morten R.	Joint ND/Argonne Graduate Student RA (Ruobing Xie)	Argonne National Laboratory	\$25,074	12
Johnson, Walter R.	Collaborative Research: New Directions in Atomic PNC	National Science Foundation	\$273,700	36
Ruggiero, Steven T.	Scanning-Laser Imaging and Size Analysis: A New Approach	National Institutes of Health	\$189,600	12
Department or Office:	Political Science			
Campbell, David E.	The Impact of the Milwaukee Parental Choice Program on Civic Values	Private Funding	\$61,236	34
Hero, Rodney E.	Minority Advocacy Group Relations in a Changing America: Policy Concerns, Position, Voting and Outcome	Private Funding	\$40,000	9
Hero, Rodney E.	Minority Advocacy Group Relations in a Changing America: Policy Concerns, Position, Voting and Outcome	Private Funding	\$86,275	9
Lindley, Daniel A.	Is War Rational?	U.S. Institute of Peace	\$45,000	12

Proposals submitted during the period Sep-01-2004 to Sep-30-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Mackie, Gerald L.	Ending Harmful Conventions: Mass Abandonments of Female Genital Cutting	Private Funding	\$40,000	9
Mackie, Gerald L.	Ending Harmful Conventions: Mass Abandonments of Female Genital Cutting	Radcliffe Institute for Advanced Study	\$50,000	10
Mackie, Gerald L.	Ending Harmful Conventions: Mass Abandonments of Female Genital Cutting	Private Funding	\$40,000	9
Philpott, James D.	The Ethics of Political Reconciliation	U.S. Institute of Peace	\$35,800	10
Philpott, James D.	The Ethics of Political Reconciliation	U.S. Institute of Peace	\$48,000	12
Philpott, James D.	The Ethics of Political Reconciliation	Private Funding	\$40,000	9
Philpott, James D.	The Ethics of Political Reconciliation	Radcliffe Institute for Advanced Study	\$40,000	10
Philpott, James D.	The Ethics of Political Reconciliation	Private Funding	\$40,000	9

Proposals submitted during the period Sep-01-2004 to Sep-30-2004

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Psychology				
Ong, Anthony West, Robert L. Bergeman, Cindy S.	Stress, Resilience, and Working Memory in Later Life	National Institutes of Health	\$225,000	12
Department or Office: Radiation Laboratory				
Ferraudi, Guillermo J.	Catalyzed Oxidation of Organic and Inorganic S-Containing Compounds by Transition Metal Macro	Private Funding	\$40,000	40
Department or Office: Romance Languages and Literatures				
Anderson, Thomas F.	Carnival, Comparsas, and National Identity in Cuban Poetry, 1916-1961	Private Funding	\$30,000	9
Jerez-Farran, Carlos	Luis Cernuda, Federico Garcia Lorce, and the Difference Desire Makes	Private Funding	\$40,000	9
Jerez-Farran, Carlos	Luis Cernuda, Federico Garcia Lorca and the Difference Desire Makes	National Endowment for the Humanities	\$5,000	2
Department or Office: Sociology				
Cardenas, Gilberto	Transnational Communities in the Chicago Metropolitan Area	Private Funding	\$174,709	12
Fishman, Robert M.	Enduring Legacies of Revolution and Reform: Comparing Democracy in Portugal and Spain	Private Funding	\$40,000	9

Awards and Proposal Summary

Centers and Institutes Report

09/01/2004 to 09/30/2004

Awards Received

Department or Office	No.	Amount
Center for Applied Mathematics	1	\$302,729
Center for Astrophysics	1	\$80,000
Center for Environmental Science and Technology	1	\$128,018
Center for Flow Physics and Control	1	\$30,000
Center for Molecularly Engineered Materials	1	\$337,908
Center for Tropical Disease Research & Training	1	\$2,000,000
Institute for Latino Studies	2	\$70,000
Nano Science and Technology Center	3	\$629,877
Nanovic Institute	1	\$121,927
Nuclear Structure Laboratory	1	\$2,000,000
Walther Cancer Research Center	1	\$138,105
Total:	14	\$5,838,564

Proposals Submitted

Department or Office	No.	Amount
Center for Flow Physics and Control	2	\$1,320,228
Center for Microfluidics and Medical Diagnostics	1	\$351,415
Center for Tropical Disease Research & Training	1	\$302,219
Freimann Life Science Center	1	\$4,943
Institute for Church Life	1	\$1,475
Institute for Latino Studies	2	\$383,675
Kroc Institute for International Peace Studies	1	\$196,100
Nano Science and Technology Center	7	\$13,112,334
Nuclear Structure Laboratory	1	\$5,038,680
Radiation Laboratory	1	\$40,000
Walther Cancer Research Center	2	\$199,978
Total:	20	\$20,951,047

Awards and Proposal Summary**Centers and Institutes Report**

07/01/2004 to 09/30/2004

Awards Received

Department or Office	No.	Amount
ACE Educational Outreach	1	\$65,600
Center for Applied Mathematics	1	\$302,729
Center for Astrophysics	1	\$80,000
Center for Children and Families	1	\$1,629,988
Center for Environmental Science and Technology	1	\$128,018
Center for Flow Physics and Control	2	\$113,638
Center for Molecularly Engineered Materials	1	\$337,908
Center for Transgene Research	1	\$86,625
Center for Tropical Disease Research & Training	5	\$4,380,176
Center for Zebrafish Research	2	\$9,576
Environmental Molecular Science Institute	1	\$1,000,000
Environmental Research Center	2	\$431,265
Institute for Church Life	1	\$80,000
Institute for Latino Studies	6	\$790,000
Interdisciplinary Center for the Study of Biocomplexity	1	\$160,160
Kellogg Institute for International Studies	1	\$299,738
Nano Science and Technology Center	9	\$2,619,375
Nanovic Institute	1	\$121,927
Nuclear Structure Laboratory	2	\$2,055,080
South Bend Center for Medical Education	1	\$226,336
Walther Cancer Research Center	1	\$138,105
Total:	42	\$15,056,244

Proposals Submitted

Department or Office	No.	Amount
Center for Astrophysics	2	\$156,800
Center for Flow Physics and Control	5	\$2,252,394
Center for Microfluidics and Medical Diagnostics	2	\$694,164
Center for Social Concerns	1	\$20,000
Center for Transgene Research	3	\$526,500
Center for Tropical Disease Research & Training	7	\$9,091,152
Freimann Life Science Center	1	\$4,943
Institute for Church Life	1	\$1,475
Institute for Latino Studies	13	\$1,596,126
Keough Institute for Irish Studies	1	\$40,000
Kroc Institute for International Peace Studies	2	\$2,016,885

Awards and Proposal Summary**Centers and Institutes Report****07/01/2004 to 09/30/2004**

Department or Office	No.	Amount
Nano Science and Technology Center	17	\$15,753,167
Nuclear Structure Laboratory	1	\$5,038,680
Radiation Laboratory	3	\$66,183
Robinson Community Learning Center	1	\$199,947
Walther Cancer Research Center	3	\$524,978
Total:	63	\$37,983,394

Awards received during the period Sep-01-2004 to Sep-30-2004**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Award #
<u>Awards for Research</u>				
Department or Office: Center for Applied Mathematics				
Sommese, Andrew J. Wampler, Charles W. (Center or Institute)	Collaborative Research: Numerical Algorithms and Software for Solving Polynomial Systems with Parameters	National Science Foundation	\$302,729	006360-001
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	\$80,000	006358-001
Department or Office: Center for Environmental Science and Technology				
Lamberti, Gary A. Lodge, David M. Maurice, Patricia A. (Center or Institute)	Interactive Effects of Climate Change, Wetlands, and Dissolved Organic Matter on UV Damage to Aquatic Foodwebs	University of Oregon	\$128,018	006009-001
Department or Office: Center for Flow Physics and Control				
Jumper, Eric J. (Center or Institute)	High-Bandwidth MEMS Mirrors for Atmospheric Compensation	Corporate Funding	\$30,000	006374-001
Department or Office: Center for Molecularly Engineered Materials				
Mukasyan, Alexander S. (Center or Institute)	Joining of Refractory Materials: Carbon-Carbon Composites	21st Century Research & Technology Fund	\$337,908	006368-001
Department or Office: Center for Tropical Disease Research & Training				
Romero-Severson, Jeanne Collins, Frank H. (Center or Institute)	Indiana Center for Insect Genomics	21st Century Research & Technology Fund	\$2,000,000	006366-001
Department or Office: Institute for Latino Studies				
Hernandez, Edwin I. (Center or Institute)	Hispanic Ministry Trends and Needs	Oregon Catholic Press	\$51,500	006367-001

Awards received during the period Sep-01-2004 to Sep-30-2004

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Award #
Hernandez, Edwin I. (Center or Institute)	The Influence of Religion on Latino Political Attitudes and Behavior	Private Funding	\$18,500	006362-001
Department or Office: Nano Science and Technology Center				
Lieberman, Marya Porod, Wolfgang (Center or Institute)	REU Site: Nano/Bio Engineering at Notre Dame	National Science Foundation	\$100,000	006349-001
Bernstein, Gary H. (Center or Institute)	Electron Beam Lithography System for Direct-Write and Mask Making	Department of Navy	\$523,800	006365-001
Seabaugh, Alan C. (Center or Institute)	Silicon MOS Transistors and Circuits Under Uniaxial Strain	Corporate Funding	\$6,077	006359-001
Department or Office: Nanovic Institute				
Hart, Kevin J. (Center or Institute)	Religious Experience and English Poetry, 1633-1985	National Endowment for the Humanities	\$121,927	006361-001
Department or Office: Nuclear Structure Laboratory				
Wiescher, Michael C (Center or Institute)	Joint Institute for Nuclear Physics	National Science Foundation	\$2,000,000	006117-001
Department or Office: Walther Cancer Research Center				
Smith, Bradley D. (Center or Institute)	Measuring the Efficacy of Anticancer Drugs in Early Stages of Treatment	Corporate Funding	\$138,105	006018-001

Proposals submitted during the period Sep-01-2004 to Sep-30-2004**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Proposal #
<u>Proposals for Research</u>				
Department or Office:	Center for Flow Physics and Control			
Jumper, Eric J.	Support the Development of an Aero-Optical Test Simulator Code	Corporate Funding	\$50,000	05030105
Jumper, Eric J.	High-Bandwidth Wavefront Sensor for Aero-Optic T&E	Department of Defense	\$1,270,228	05030114
Department or Office:	Center for Microfluidics and Medical Diagnostics			
Chang, Hsueh-Chia	Complex Microfluidic Flows for Space Flight Monitoring Kits	National Aeronautics and Space Administration	\$351,415	05030106
Department or Office:	Center for Tropical Disease Research & Training			
Adams, John H.	Experimental Tropical Disease Research	National Institutes of Health	\$302,219	05030109
Department or Office:	Freimann Life Science Center			
Suckow, Mark A.	Inhibition of Adhesiogenesis with a Novel Biomaterial	Corporate Funding	\$4,943	05030124
Department or Office:	Institute for Church Life			
Kroeker, Charlotte	Acquisition of Out-of-Print Sacred Music	Indiana University Bloomington	\$1,475	05030120
Department or Office:	Institute for Latino Studies			
Ready, Timothy	Comparative Civic and Place Engagement in Three Latino Enclave Neighborhoods in Transition	Florida International University	\$208,966	05030117

Proposals submitted during the period Sep-01-2004 to Sep-30-2004

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Cardenas, Gilberto	Transnational Communities in the Chicago Metropolitan Area	Private Funding	\$174,709	05030152
Department or Office: Kroc Institute for International Peace Studies				
Lederach, John P. Darby, John	Monitoring and Learning from Best Practices in Southeast Asian Peacebuilding	U.S. Institute of Peace	\$196,100	05030171
Department or Office: Nano Science and Technology Center				
Xing, Huili (Grace) Lieberman, Marya Jena, Debdeep	AlGaIn/GaN SAMFET for Transparent Multifunctional Biosensors	Corporate Funding	\$40,000	05030098
Merz, James L. Jena, Debdeep Seabaugh, Alan C. Lieberman, Marya Porod, Wolfgang	Center for Molecular and Nano-enhanced Materials and Devices	National Science Foundation	\$12,070,011	05030103
Bernstein, Gary H. Fay, Patrick J.	Quilt Packaging: A New Paradigm for High-Performance, Heterogeneous System-in-Package Integration	National Science Foundation	\$550,114	05030151
Merz, James L. Mintairov, Alexander	Nanoindentation and Near-Field Spectroscopy of Quantum Structures	Department of Energy	\$395,715	05030153

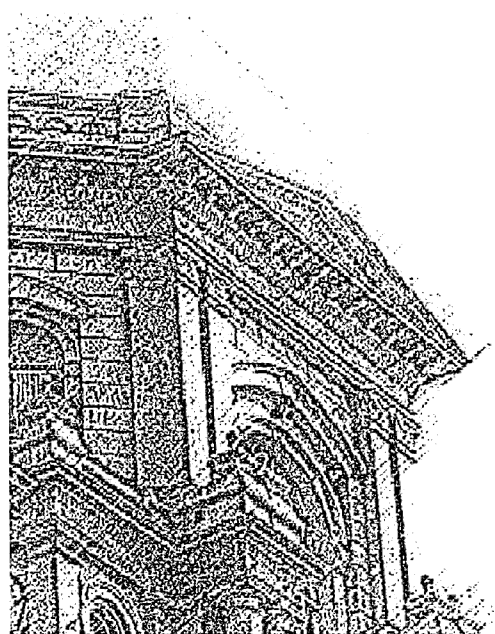
Proposals submitted during the period Sep-01-2004 to Sep-30-2004**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Merz, James L. Mintairov, Alexander	GaAs Nanowhiskers Grown by MBE: Formation Mechanisms and Optical Properties	Private Funding	\$14,590	05030107
Fay, Patrick J.	Avalanche Photodiode Arrays for Photon-Counting Applications	Corporate Funding	\$20,942	05030101
Fay, Patrick J.	Integrated Low Noise Amplifiers and Mixers for RF Communications	Corporate Funding	\$20,962	05030100
Department or Office: Aprahamian, Ani Garg, Umesh Wiescher, Michael C. Collon, Philippe A.	Nuclear Structure Laboratory Nuclear Structure and Nuclear Astrophysics	National Science Foundation	\$5,038,680	05030142
Department or Office: Ferraudi, Guillermo J.	Radiation Laboratory Catalyzed Oxidation of Organic and Inorganic S-Containing Compounds by Transition Metal Macro	Private Funding	\$40,000	05030136
Department or Office: Helquist, Paul	Walther Cancer Research Center Preclinical Drug Development Studies of Antiproliferative Marine Macrolides	Private Funding	\$100,000	05030141

Proposals submitted during the period Sep-01-2004 to Sep-30-2004**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Joyce, David E.	Biomarkers in Cancer and Sepsis	Private Funding	\$99,978	05030157

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