

Notre Dame Report

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Faculty Notes

Appointments

Rev. Peter A. Jarret, C.S.C., rector of Keough Hall, has been appointed counselor to President Rev. Edward A. Malloy, C.S.C., effective July 1.

Honors

Ani Aprahamian, professor of physics, was appointed to the National Academies, National Research Council Study on Smaller Facilities, for a two-year term.

Rita Donley, assistant director, University Counseling Center, and concurrent assistant professor of psychology, was elected treasurer of the Association for the Coordination of Counseling Center Clinical Services, 2003–2005.

Rev. Gustavo Gutierrez, O.P., the O'Hara Professor of Theology, was awarded the 2003 Prince of Asturias Award for Communications and the Humanities.

Sr. Mary Catherine Hilkert, O.P., professor of theology, was elected vice president of the Catholic Theological Society of America. She will serve as president-elect in 2004–2005, president in 2005–2006, and past-president in 2006–2007.

William P. Hoye, associate vice president and deputy general counsel and concurrent associate professor of law, was named a visiting fellow of New College, Oxford.

Pamela A. Krauser, professional specialist in the Graduate School, was elected chair-elect, 2003–2004, and chair, 2004–2005, of the National Council of University Research Administrators Region IV.

George Marsden, the McAnaney Professor of History, was awarded an honorary degree from Westminster Theological Seminary, Glenside, Pa., May 29.

Rev. Ernan McMullin, the O'Hara Professor Emeritus of Philosophy, was elected an honorary fellow of St. Edmund's College, Cambridge.

Thomas E. Mueller, the Roth-Gibson Professor of Aerospace Engineering, was awarded the 2003 Aerodynamics Award from the American Institute of Aeronautics and Astronautics.

Robert E. Norton, chair and professor of German and Russian languages and literatures, received the 2002 Jacques Barzun Prize in Cultural History from the American Philosophical Society for his book *Secret Germany*.

Catherine Pieronek, director of the Women's Engineering Program in the College of Engineering, has been appointed student section liaison for the Chicago Regional Section of the Society of Women Engineers.

Robin F. Rhodes, associate professor of art history and concurrent associate professor of classics, received a 2003 Celebration of Faculty Excellence Award at the Univ. of Louisville on April 28; and was elected to a four-year term on the Excavation and Survey Committee of the American School of Classical Studies at Athens.

Carolyn Y. Woo, dean and the Siegfried Chair in Entrepreneurial Studies, has been elected chair of the board of directors, AACSB International, the first woman to lead AACSB International since its founding in 1916. Her term is from July 1 through June 30, 2004.

Activities

Ani Aprahamian, professor of physics, presented an invited talk "From Ripples to Tidal Waves: Low Lying Vibrational Motion in Nuclei" at the International Conference on Collective Motion in Nuclei under Extreme Conditions, Univ. of Paris, July 10–13.

Albert-László Barabási, the Hofman Professor of Physics, presented an invited talk "What Every Intelligent Person Should Know about the World Wide Web," Notre Dame, March 5; a plenary lecture "The

Architecture of Complexity: Structure and Molecularity in Cellular Networks" at the 35th annual meeting of the Union of the Swiss Societies for Experimental Biology, Davos, Switzerland, March 19; an invited talk "The Architecture of Complexity: From the Topology of the WWW to the Cell's Genetic Network" at the 23rd annual conference on Networks: Structure, Dynamics and Function, Los Alamos National Laboratory, Santa Fe, N.M., May 12–16; and a plenary lecture "Cellular Networks: From Metabolism to Protein Interactions" at the Bioinformatics in the Post-Genome Era, Stockholm, June 11.

Kathleen Biddick, professor of history and visiting Fulbright scholar at Media Lab Europe in Dublin, gave an invited paper "Shocking Technologies" at a conference on "The Prehistory of the Posthuman," Princeton Univ., June 6–8.

Daniel M. Chipman, professional specialist in the Radiation Laboratory, presented "Hydrogen Bonding Contributions to Anion Hydration Energies" at the Midwest-Theoretical Chemistry conference, Ames, Iowa, June 12–14.

Kirsten M. Christensen, assistant professor of German, Medieval Institute fellow, and Nanovic Institute fellow, presented the invited talk "The Interplay of Catechism and Mysticism in Late-Medieval Devotional Literature" at a conference honoring William Spoelhof, president emeritus of Calvin College, May 1, Grand Rapids, Mich.; presented "Heaven Within: Reading the Anonymous Author of *The Temple of our Souls* (Antwerp, 1543)" at the 38th International Congress on Medieval Studies, May 9, Kalamazoo; and made an invited panel presentation "Doing What Doesn't Come Naturally: Teaching Literature in Foreign Languages to Undergraduates" at the conference "English and the Foreign Languages: Cultures in Transition," April 24, Notre Dame.

Rita Donley, assistant director, University Counseling Center, and concurrent assistant professor of psychology, presented "Core 'Direct Service' Functions across College and University Counseling Centers" with T. Stachowiak, E. Emerson, and A. Shanklin at the Association for the Coordination of Counseling Center Clinical Services annual conference, Kansas City, Mo., May 29 through June 1.

William G. Dwyer, the Hank Professor of Mathematics, was an invited speaker in the Special Session on Algebraic Topology held in connection with the joint meeting of the American Mathematical Society and the Spanish Mathematical Society, June 18–21 in Seville, Spain, where he presented “The Normalizer of the Torus in a Compact Lie Group.”

Leonid Faybusovich, professor of mathematics, presented “Global Optimization of Homogeneous Polynomials on the Simplex and on the Sphere” at “Frontiers in Global Optimization,” Santorini, Greece, June 8–12; and the invited talk “Global Optimization of Polynomials and Cones of Squares” at the Numerical Analysis Seminar, Technical Univ., Berlin, June 17.

Guillermo Ferraudi, professional specialist in the Radiation Laboratory, presented “Photocatalyzed Reduction of CO₂ with a Phthalocyanine Homologue” at the DOE Solar Photochemistry meeting, Granlibakken, Calif., June 6–12.

Paquita Friday, assistant professor of accountancy, presented “Accounting Choice and Voluntary Management Earnings Forecasts,” cowritten with M. Clement and **Chao-Shin Liu**, associate professor of accountancy, at the 2003 European Accounting Association Annual Congress in Seville, Spain, April 3; presented “The Effect of Corporate Governance on the Valuation of Book Value and Earnings during the Asian Financial Crisis,” cowritten with L.L. Eng and Chao-Shin Liu, at the 2003 Univ. of Illinois International Accounting Symposium in Gottingen, Germany, June 19.

Dirk Guldi, associate professional specialist in the Radiation Laboratory, presented “Control over Energy and Electron Transduction in Dendritic Donor-Acceptor Ensembles,” written with A. Swartz, C.G. Luo, R. Gómez J.L. Segura, and N. Martín, at the DOE Solar Photochemistry meeting, Granlibakken, Calif., June 6–12.

Gregory T. Gundlach, the Berry Professor of Business, and **Joan M. Phillips**, assistant professor of marketing, presented “Marketing’s Potential Contributions to Antitrust: Goals and Process” at the 2003 AMA Marketing and Public Policy Conference, Washington, D.C., May 6, and again at the Midwest Marketing Camp, Ohio State Univ., Columbus, June 8.

Paul Huber, associate professor of chemistry and biochemistry, presented an invited talk “Identification and Characterization of Two Proteins that Bind to the Localization Element of *Xenopus* Vg1 mRNA” at the FASEB Summer Research Conference on Intracellular RNA Sorting, Transport, and Localization, Snowmass, Colo., June 21–26.

Prashant V. Kamat, professional specialist in the Radiation Laboratory, presented “Photocatalyzed Reduction of CO₂ with a Phthalocyanine Homologue” at the DOE Solar Photochemistry meeting, Granlibakken, Calif., June 6–12; and presented a seminar “Photochemical Activity of Indo Dye in Homogeneous and Heterogeneous Media” at Unilever Research, Edgewater, N.J., June 19–20.

Donald P. Kommer, the Robbie Professor of Political Science and professor of law, testified before the U.S. Senate Judiciary Committee’s Subcommittee on the Constitution regarding the reconstruction of the constitutional government in Germany and its pertinence to contemporary Iraq, June 25.

Edward J. Maginn, associate professor of chemical and biomolecular engineering, chaired a session on “Nonequilibrium Molecular Dynamics” at the 15th Symposium on Thermophysical Properties, June 25, in Boulder, Colo., where he presented “Molecular Modeling of Imidazolium-Based Ionic Liquids,” written with J.K. Shah and T.I. Morrow.

Rev. Ernan McMullin, the O’Hara Professor Emeritus of Philosophy, presented “Anthropic Explanation in Cosmology” at an international conference for young astronomers at Castel Gandolfo, July 8; discussed “Issues in Physics and Theology” at the organizational meeting of the new International Society for Science and Religion in Granada, Spain, Aug. 22; presented “Recent Work on Human Origins and Its Implications for Theology” at a meeting of the Bishops’ Committee on Science and Values in Washington, D.C., Sept. 7; was a panel member of the closing discussion of the conference on “Continental Philosophy of Science,” Notre Dame, Sept. 21; presented “Historical Origins of Anthropic Explanation in the Sciences,” “Philosophic Aspects of Recent Work in Cosmology,” and “Cosmology and Christian theology,” Sept.

26–27, at an international workshop on science and theology at Erice (Sicily); presented “Philosophy of Science and History of Science: Their Shifting Relationships in France and the U.S.” at a joint meeting of the Divisions of History of Science, and Logic, Methodology, and Philosophy of Science of the International Union of HPS, Ecole Normale Supérieure in Paris, Oct. 4; presented “Anthropic Reasoning in Cosmology” at the Russian/American joint conference on Cosmology and Theology at Notre Dame, Jan. 30; lectured on “The Origin of Life: Christian Alternatives” at a conference on “The Origin of Life on Earth” jointly sponsored by NASA and the American Association for the Advancement of Science in Washington, D.C., Feb. 21; spoke on Lacey’s writings on science and values at a conference marking the retirement of Hugh Lacey at Swarthmore, March 22; led a discussion on “The Contribution of Philosophy of Science to the Theology/Science Dialogue” at the annual board meeting of the Templeton Foundation, Palo Alto, Calif., March 25; presented “Cosmology and Theology” at the Wheaton College conference on “Aspects of the Science/Religion Dialogue,” March 26; presented “Fine-Tuning the Universe?” at Carroll College, Helena, Mont., May 1; and delivered the annual Hausser Lecture at Montana State Univ. in Bozeman on “Cosmology and Theology: A Christian Perspective” and a later lecture on “Evolution as a Christian Theme,” May 2 and 5.

Dan Meisel, director of the Radiation Laboratory and professor of chemistry and biochemistry, presented “Interactions at the Interfaces of Metallic Nanoparticles,” written with Z. Zhang and **Richard W. Fessenden**, professor emeritus of chemistry and biochemistry, at the DOE Solar Photochemistry meeting, Granlibakken, Calif., June 6–12.

Juan Migliore, professor of mathematics, presented “Constructing Level Algebras from Points” at the Algebraic Geometry Seminar at the Univ. of Barcelona, June 12; “Tetrahedral Curves” in the Special Session on Algebraic Geometry at the first joint international meeting between the American Mathematical Society and the *Real Sociedad Matematica Espanola*, in Seville, Spain, June 19.

Catherine Perry, associate professor of French and Francophone studies, and Nanovic Institute fellow, organized and presided over the annual convention of the "Conseil International d'Études Franco-phones" (CIÉF), New Orleans, June 17–22, where she presented "La civilisation occidentale en péril dans des récits d'écrivains français au Maghreb."

Catherine Pieronek, director of the Women's Engineering Program in the College of Engineering, presented "Title IX from Athletics to Academics: How to Use the Law to Increase the Enrollment of Women in College Engineering Programs" at the 2003 National Conference of the Women in Engineering Programs and Advocates Network, Chicago, June 11.

Dean Porter, director emeritus of the Snite Museum of Art, held a one-man show "New Mexico Panorama" at the Panhandle Plains Museum, Canyon, Tex., April 11 through June 4; presented an invited talk "H.J. Litcher Stark, Patron" at the 25th anniversary of the Stark Museum of Art, Orange, Tex., May 16; participated in a joint exhibition "Untrodden Paths Contemporary Landscapes" at the Massillon Museum, Massillon, Ohio, May 24, running through Aug. 3, where he also delivered a gallery talk; had his watercolors "Snow Patterns" and "Mabel's Pink House" reproduced in J.B. Bartfield Galleries, New York, exhibition catalog, spring 2003; and delivered an invited lecture "The Rise and Fall of Walter Ufer" at the National Cowboy and Western Heritage Museum's "Prix de West International Exhibition and Sale," Oklahoma City, June 13.

Joseph M. Powers, associate professor of aerospace and mechanical engineering, presented "Manifold Methods for Reacting Flows," at the Argonne National Laboratory in Argonne, Illinois, June 12.

Robin F. Rhodes, associate professor of art history and concurrent associate professor of classics, conducted a site seminar in Ancient Corinth, Greece, on "The Greek City at Corinth" for a Willamette Univ. study tour on May 25, and a site lecture on "The Significance of Corinth in Antiquity" to a similar group from the Univ. of Dallas on June 9.

Victoria Sanford, assistant professor of anthropology, Kellogg Institute fellow, and

Kroc Institute fellow, presented "The Moral Imagination of Survival: Colombian Peace Communities and Guatemalan Populations of Communities in Resistance" at the Pontificia Univ. Javeriana, Bogota, Colombia, at the international conference "Obstacles to Robust Negotiated Settlements of Civil Conflicts" sponsored by the Santa Fe Institute of New Mexico and the Institute of Rural and Environmental Studies of the Javeriana, May 30.

Robert Schmuhl, professor of American studies and director of the Gallivan Program in Journalism, Ethics and Democracy, delivered the keynote speech "The Political Landscape for 2004" at the annual meeting of the LaPorte County League of Women Voters, May 28, Michigan City, Ind.; gave a Hesburgh Lecture "Perilous Pre-eminence: America's Role in the World Today," June 3, in Phoenix; and discussed "The State of Journalism Ethics" on the PBS/KAET-TV program *Horizon*, which was broadcast on June 9 in Phoenix.

Alan Seabaugh, professor of electrical engineering, presented "Unified Physics-Based AC Model for the Resonant Tunneling Diode" with coauthor Q. Liu at the 61st Device Research Conference, Salt Lake City, Utah, June 24.

Robert Sedlack, assistant professor of design, had his commemorative poster designed for the New York Central Railroad Museum in Elkhart, Indiana, ceremoniously unveiled at the museum, June 12.

Thomas Gordon Smith, professor of architecture, presented "New York Grecian Architecture and Furniture and South Carolina" for the Columbia Museum of Art, May 2; and "The Architectural Design of the Bond Hall School of Architecture at the University of Notre Dame" for the Classical Council, Alexandria, Va., June 22.

James Sullivan, assistant professor of economics, presented "Borrowing during Unemployment: Unsecured Debt as a Safety Net" and "Measuring the Well-Being of the Poor Using Income and Consumption" at the 2003 Econometric Society North American summer meeting, June 26–29, in Evanston, Ill.

Joe Urbany, professor of marketing and associate dean, Graduate Programs, presented "Inertia in Pricing," cowritten with A.

Krishna and C. Mela, at INFORMS Marketing Science Conference, College Park, Md., June 12–15.

Joy Vann-Hamilton, assistant provost and Faculty Learning Community Program director for the Kaneb Center for Teaching and Learning, was a panelist at the 2003 International Faculty Learning Communities conference, presenting "From Zero to Six(ty) in Three Years: Determining Positive Environments for Initiating Faculty Learning Communities" in Pomona, Calif., June 19.

Thomas S. Vihtelic, research assistant professor of biological sciences, presented "Regional Distribution of Photoreceptor Damage and Inner Nuclear Layer Cell Proliferation in Light-Treated Albino and Wild-Type Zebrafish," a poster cowritten with David R. Hyde, professor of biological sciences, at the Association for Research in Vision and Ophthalmology, Ft. Lauderdale, May 4–8.

Samir Younés, associate professor of architecture and director of Rome Studies, presented "Piazza Augusto Imperatore and the Ara Pacis: the Case of a New Trojan Horse" at the 37th International Making Cities Livable Conference in Siena, Italy, June 18.

Publications

Ani Aprahamian, professor of physics, published "B(E2) Values and the Search for the Critical Point Symmetry X(5) in ^{104}Mo and ^{106}Mo ," written with C. Hutter, R. Krücken, C.J. Barton, C.W. Beausang, M.A. Caprio, R.F. Casten, W.-T. Chou, R.M. Clark, D. Cline, J.R. Cooper, M. Cromaz, A.A. Hecht, A.O. Macchiavelli, N. Pietralla, M. Shawcross, Å.A. Stoyer, C.Y. Wu, and N.V. Zamfir, *Physical Review C* 67 (2003): 054315–054319.

Eli Barkai, assistant professor of chemistry and biochemistry, published "Aging Continuous Time Random Walks," written with Y.-C. Cheng, in *Journal of Chemical Physics* 118 (2003): 6167–6177.

Alicia M. Beatty, research associate professor of chemistry, published "Isolation and Characterization of a Covalently Bonded Square Array of Two Ferrocenium and Two Ferrocene Complexes," written with J. Jia,

G.J. Long, F. Grandjean, and **Thomas P. Fehlner**, associate chairperson and the Grace-Rupley Professor of Chemistry, *Journal of American Chemical Society* 125 (2003): 7522–7523.

Ian Carmichael, professional specialist in the Radiation Laboratory, published "Comparative Theoretical Study of Mu Addition to the C = O and C = S Bonds" with R.M. Macrae, *Physica B* 326 (2003): 81–84.

Georges Enderle, the O'Neil Professor of International Business Ethics and Kellogg Institute fellow, published *International Business Ethics. Challenges and Approaches*, G. Enderle, ed., in Chinese (Beijing: Beijing Univ. Press, 2003); *Developing Business Ethics in China*, X. Lu and G. Enderle, eds., in Chinese (Shanghai: Shanghai Academy of Social Sciences Press, 2003), with a preface and the chapter "Confidence in the Financial Reporting System: Easier to Lose than to Restore" (pp. 88–98); the chapter "*Competencia global y responsabilidad corporativa de las pequeñas y medianas empresas*" in *Construir confianza. Ética de la empresa en la sociedad de la información y las comunicaciones*, A. Cortina, ed. (Madrid: Editorial Trotta, 2003): 131–155; and the chapter "What Perspectives for Developing Business Ethics in China?" in *Market Economy and Corporate Ethics*, Ye Jingde, ed., in Chinese (Shanghai: Fudan Univ. Press, 2003): 1–15.

Leonid Faybusovich, professor of mathematics, published "Finite-Rank Perturbation of Linear-Quadratic Control Problem," written with T. Mouktonglang, *Proceedings of the American Control Conference, Denver, Colorado, June 4–6, 2003*: 5347–5350; and "Some Control-Theoretic Applications of Second-Order Cone Programming, also with T. Mouktonglang), *ibid.*: 4549–4554.

Richard W. Fessenden, professor emeritus of chemistry and biochemistry, published "On the Interactions of Free Radicals with Gold Nanoparticles," written with Z. Zhang, A. Berg, H. Levanon, and **Dan Meisel**, director of the Radiation Laboratory and professor of chemistry and biochemistry, *Journal of the American Chemical Society* 125, No. 26 (2003): 7959–7963.

Gregory T. Gundlach, the Berry Professor of Business, and **Joan M. Phillips**, assistant professor of marketing, published "Contributions and Challenges of Marketing to

Antitrust," *New York Law School Law Review* 47, No. 1 (2003): 51–66.

Kevin Hart, professor of English and Nanovic Institute fellow, published a review of "Toward a Postmodern Christian Faith: Overcoming Onto-Theology" by M. Westphal, *Modern Theology* 19, No. 3 (2003): 444–446.

Prashant V. Kamat, professional specialist in the Radiation Laboratory, published "Molecular Assembly of Fullerenes as Nanoclusters and Nanostructured Films," written with G.K. Thomas, in *Nanoscale Materials*, L.M. Liz-Marzán and Prashant V. Kamat, eds. (Boston: Kluwer Academic Publishers, 2003): 475–494; and "Photoinduced Transformations at Semiconductor/Metal Interfaces: X-Ray Absorption Studies of Titania/Gold Films," written with **V. Subramanian**, staff member in the Physics Dept., **D. Lahiri**, **Tomohiro Shibata**, research assistant professor of physics, **Bruce A. Bunker**, professor of physics, and **Eduardo E. Wolf**, professor of chemical engineering, *Journal of Applied Physics* 93, No. 5 (2003): 2575–2582.

Kwan S. Kim, professor of economics and Kellogg Institute fellow, published "Globalization and Labor: Issues of Income Polarization," in *Journal of Global Awareness* 4, No. 1 (Spring): 13–20; and "*La globalización y la desarticulación laboral: temas y perspectivas*" in *Carta Economica Regional* 81/82 (2002): 49–59.

James J. Mason, associate professor of aerospace and mechanical engineering, published "Finite Element Thermal Analysis of Bone Cement for Joint Replacements," written with C. Li, S. Kotha, C.-H. Wang, S. Schmid, D. Yakimicki, and M. Hawkins, *ASME Journal of Biomechanical Engineering* 125, No. 3 (2003): 315–322.

Rev. Ernan McMullin, the O'Hara Professor Emeritus of Philosophy, published "Philosophy of Science, 1950–2000: The Parting of the Ways, in *The Scope of Logic, Methodology, and Philosophy of Science* 2, P. Gärdenfors, et al., eds. (Dordrecht: Kluwer, 2002): 641–663; "Revisiting Aristotle's Causes," in *Aristotle Today. Proceedings of an International Conference in Naoussa (Greece)*, Naoussa, 2002: 326–339; an obituary for Jim Cushing, *Proceedings of the American Philosophical Association* 76 (2003): 159–161; and a review of *Intelligent*

Design Creationism and Its Critics (Robert Pennock), *Endeavour* 26, No. 3 (2002): 119–120.

Anthony N. Michel, the Freimann Professor Emeritus and the McCloskey Dean of Engineering Emeritus, published "Partial Stability of Discontinuous Dynamical Systems under Arbitrary Initial Z-Perturbations" with Y. Sun, *Proceedings of the 2003 IEEE International Symposium on Circuits and Systems 3* (May): 216–219; "LZ Gain Analysis for Switched Symmetric Systems with Time Delay under Arbitrary Switching" with G. Zhai, X. Chen, and Y. Sun, *ibid.*: 220–223; "Recurrent Neural Networks: Overview and Perspectives," *ibid.*: 474–477; "Stability of Switched Symmetric Systems with Time Delay" with G. Zhai, Y. Sun, and X. Chen, *Proceedings of the 2003 American Control Conference*: 2682–2687; and "Stability of Discontinuous Retarded Functional Differential Equations with Applications to Delay Systems" with Y. Sun and G. Zhai, *ibid.*: 3387–3392.

William O'Rourke, professor of English, published "Dick Morris Spans the Liberals Once Again," a review of D. Morris's *Off With Their Heads*, in the *Chicago Sun-Times* 56, No. 26 (June 29): 13D.

Agnes E. Ostafin, assistant professor of chemical and biomolecular engineering, published "Synthesis of Nanoscale Mesoporous Silica Spheres with Controlled Particle Size," written with R.I. Nooney, D. Thirunavukkarasu, Y. Chen, and R. Josephs, *Chemistry of Materials* 14, No. 11 (2002): 4721–4728; and "Fluorescence of Cascade Blue™ inside Nano-sized Porous Shells of Silicate," written with M. Siegel, Q. Wang, and H. Mizukami, *Microporous and Mesoporous Materials* 57 (2003): 47–55.

Catherine Pieronek, director of the Women's Engineering Program in the College of Engineering, published "Discrimination Against Students in Higher Education: 2001 in Review," *Journal of College & University Law* 29 (359–434); and "Title IX from Athletics to Academics: How to Use the Law to Increase the Enrollment of Women in College Engineering Programs," *Proceedings of the 2003 National Conference of the Women in Engineering Programs and Advocates Network* (Chicago, June 11, 2003).

Victoria Sanford, assistant professor of anthropology, Kellogg Institute fellow, and Kroc Institute fellow, published "Peacebuilding in a War Zone: The Case of Colombian Peace Communities" in *International Peacekeeping* 10, No. 2 (summer): 107-118.

Robert W. Scheidt, the Warren Professor of Chemistry and Biochemistry, published "Direct Determination of the Complete Set of Iron Normal Modes in a Porphyrin-Imadazole Model for Carbonmonoxy-heme Proteins: [Fe(TPP)(CO)(1-Melm)]" with B.K. Rai, S.M. Durbin, E.W. Prohofsky, J.T. Sage, M.K. Ellison, A. Rote, W. Sturhahn, and E.E. Alp, *Journal of American Chemical Society* 125 (2003): 6927-6936.

Robert Sedlack, assistant professor of design, designed a commemorative poster for the New York Central Railroad Museum in Elkhart, Ind.

Thomas Gordon Smith, professor of architecture, published "Classical Architecture and Decoration" in *Interior Graphic Standards*, M. McGowan, ed. (John Wiley & Sons, Inc., 2003); and "House in Rural Wisconsin" in *Wisconsin Architect* 73, No. 3 (2003).

Michael M. Stanisic, associate professor of aerospace and mechanical engineering, published "A Humanoid Shoulder Complex and the Humeral Pointing Kinematics" with J. Lenarcic, *IEEE Journal of Robotics and Automation* 19, No. 3 (2003): 499-506.

Lee A. Tavis, the Smith Professor of Finance, published "Novartis and the U.N. Global Compact Initiative," in *Vanderbilt Journal of Transnational Law* 36, No. 2 (March): 735-763.

Richard E. Taylor, director of graduate studies and associate professor of chemistry and biochemistry, published "Lewis Acid Induced Epoxide Rearrangement for Complex Molecule Synthesis" with A.V. Brown, *Chemtracts - Organic Chemistry* 16 (2003): 254-258; and "Synthesis and Conformational Analysis of (E)-9,10-Dehydroepothilone B: A Suggestive Link between the Chemistry and Biology of Epothilones" with F. Yoshimura, A. Rivkin, A.E. Gabarda, T.-C. Chou, H. Dong, G. Sukenick, F.F. Morel, and S.J. Danishefsky, *Angewandte Chemie International Edition* 42 (2003): 2518-2521.

Edward Vasta, professor emeritus of English, published a translation from the Italian of "Immigrant Bride" by G.A. Malimaci in *Willow Springs* 52 (June): 25-45.

Administrators' Notes

Activities

Feiwu Chen, research staff member of the Radiation Laboratory, presented "New Method for Dielectric Cavity Construction and Integration," written with **Daniel M. Chipman**, professional specialist in the Radiation Laboratory, at the Midwest Theoretical Chemistry conference, Ames, Iowa, June 12-14.

Publications

Alan Bigger, director of Building Services, published "The Untouchables: Keeping an Eye on Restroom Care" in *Executive Housekeeping Today* 24, No. 6; and "Keeping It

Clean by Going 'Green'" in *Maintenance Solutions* (June): 19-20, both written with L.B. Bigger; and "Don't Wear Yourself Out! Use Common Sense Carpet Cleaning Tips," written with L.B. Bigger, *Executive Housekeeping Today* 24, No. 7 (6-8+).

Vaidyanathan Subramanian, staff member in the Physics Dept., published "Photoinduced transformations at semiconductor/metal interfaces: X-Ray Absorption Studies of Titania/GoldFilms," written with D. Lahiri, **Tomohiro Shibata**, research assistant professor of physics, **Eduardo E. Wolf**, professor of chemical and biomolecular engineering, B.A. Bunker, and **Prashant V. Kamat**, professional specialist in the Radiation Laboratory, *Journal of Applied Physics* 93, No. 5 (2003): 2575-2582.

Documentation

Errors and Omissions

In issue 19, under the *Awards Received* section of Research, two items under Physics were incorrectly reported. They should read:

Hildreth, Michael D.

Enhancing the Potential for Higgs Discovery at the Fermilab Tevatron
Corporate funding
\$75,000

60 months

Shephard, William D.; Cason, Neal M.; Ruchti, Randal C.; Wayne, Mitchell R.
Research in Hadron Collider Physics
National Science Foundation
\$473,382

36 months

Research

Awards and Proposal Summary

06/01/2003 to 06/30/2003

Awards Received

Category	No.	Amount
Research	49	\$9,038,652
Total:	49	\$9,038,652

Proposals Submitted

Category	No.	Amount
Research	33	\$14,772,036
Instructional Programs	1	\$20,000
Total:	34	\$14,792,036

June 2003 Cumulative summary

Awards Received

Category	07.01.2000 - 06.30.2001		07.01.2001 - 06.30.2002		07.01.2002 - 06.30.2003	
	No.	Amount	No.	Amount	No.	Amount
Research	410	\$63,072,352	437	\$53,246,380	389	\$69,047,363
Facilities and Equipment						
Instructional Programs	10	\$994,582	13	\$1,429,475	10	\$1,333,710
Other Programs	1	\$25,000				
Service Programs						
Total:	421	\$64,091,934	450	\$54,675,855	399	\$70,381,073

Proposals Submitted

Category	07.01.2000 - 06.30.2001		07.01.2001 - 06.30.2002		07.01.2002 - 06.30.2003	
	No.	Amount	No.	Amount	No.	Amount
Research	552	\$219,470,196	650	\$211,620,924	580	\$162,589,799
Facilities and Equipment						
Instructional Programs	4	\$193,683	13	\$4,846,010	10	\$3,361,578
Other Programs						
Service Programs						
Total:	556	\$219,663,879	663	\$216,466,934	590	\$165,951,377

Awards received during the period Jun-01-2003 to Jun-30-2003

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Awards for Research</u>				
Department or Office:	Aerospace and Mechanical Engineering			
Goodwine, John W	CAREER: Stratified Motion Planning with Application to Robotic Manipulation	National Science Foundation	\$57,135	60
Renaud, John E	Managing Uncertainty in Bilevel Robust Design Optimization	National Science Foundation	\$12,000	36
Renaud, John E	Managing Uncertainty in Bilevel Robust Design Optimization	National Science Foundation	\$79,829	36
Skaar, Steven B.	Modification and Testing of the Prototype Automatically Guided Wheelchair	Department of Veteran Affairs	\$29,025	23
Department or Office:	Anthropology			
Sheridan, Susan G.	Undergraduate Research in Biocultural Anthropology (REU Site)	National Science Foundation	\$69,000	36
Department or Office:	Biological Sciences			
Adams, John H (Center or Institute)	Molecular Analysis of Apical Organelles of Plasmodium	National Institutes of Health	\$259,875	24
Besansky, Nora J (Center or Institute)	Genetics of Anopheles Funestus Populations	National Institutes of Health	\$403,280	36
Collins, Frank Hadley (Center or Institute)	Experimental Parasitology and Vector Biology	National Institutes of Health	\$124,006	24
Diffley, Peter	Beinecke Scholarship for Courtney L. Luckhardt	Private funding	\$30,000	60

Awards received during the period Jun-01-2003 to Jun-30-2003

Investigator(s)	Title	Sponsor	Dollars	Months
Duman, John G.	Structure/Function Studies of Antifreeze Proteins and their Enhancers from the Beetle <i>Dendriodes canadensis</i>	National Science Foundation	\$120,000	36
Feder, Jeffrey Lee	The Genetics of Speciation in <i>Rhagoletis</i>	National Science Foundation	\$267,616	60
Lodge, David M.	Assessing Invasion Risk in the Great Lakes from Diapausing Organisms: Estimating Propagule Pressure with Molecular Tools	National Science Foundation	\$11,986	24
Lodge, David M.	Monitoring and Analysis of Rusty Crayfish	U.S. Forest Service	\$22,500	16
Lodge, David M. Lamberti, Gary A.	Ecological Forecasting	National Science Foundation	\$12,000	60
Tenniswood, Martin Welsh, JoEllen J.	Prostate Cancer, Calcium and Vitamin D	National Institutes of Health	\$330,190	60
Department or Office:	Chemical and Biomolecular Engineering			
Brennecke, Joan F.	Ionic Liquids as an Extraction Media	Corporate funding	\$4,000	12
Department or Office:	Chemistry and Biochemistry			
Huber, Paul W.	Summer Undergraduate Research Fellowship for STEPHEN ARICO	National Institute Standards & Technology	\$4,920	3
Sevov, Slavi C	Solution and Solid State Chemistry of Homo-and Hetero-Atomic Deltahedral Clusters	National Science Foundation	\$92,720	35

Awards received during the period Jun-01-2003 to Jun-30-2003

Investigator(s)	Title	Sponsor	Dollars	Months
Smith, Bradley D. (Center or Institute)	Measuring the Efficacy of Anticancer Drugs in Early Stages of Treatment	Corporate funding	\$138,105	12
Department or Office:	Civil Engineering and Geological Sciences			
Ketchum, Lloyd H.	Research Experience for Undergraduates Program from The City of South Bend	Private funding	\$18,000	12
Kurama, Yahya C.	CAREER: Seismic Behavior & Design of Non-Emulative Precast Concrete Buildings with Supplemental Passive Energy Dissipation.	National Science Foundation	\$25,000	54
Department or Office:	East Asian Languages and Literatures			
Ge, Liangyan	Out of the Examination Hall: A Chinese Way of Making Fiction	Private funding	\$35,000	12
Department or Office:	Electrical Engineering			
Fay, Patrick J Seabaugh, Alan C	Antimonide-based Compound Semiconductors	Private funding	\$95,000	46
Costello, Daniel J. Huang, Yih-Fang Collins, Oliver M. Fuja, Thomas E.	Resource-Efficient Digital Communications: Research and Testbed Development in Support of OFW and JTRS	Department of Army	\$2,529,000	49
Laneman, J. N.	Source-Channel Diversity Methods for Wireless Communications	Oak Ridge Associated Universities	\$5,000	12

Awards received during the period Jun-01-2003 to Jun-30-2003

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: English				
Duffy, John	Writing from These Roots: The Development of Literacy in an American Immigrant Community	National Endowment for the Humanities	\$40,000	9
Department or Office: Film, Television, and Theatre				
Crafton, Donald	The Struggle for Hollywood: A Critical Analysis of Joseph P. Kennedy's Film Career	National Endowment for the Humanities	\$40,000	12
Department or Office: Institute for Latino Studies				
Hernandez, Edwin I. (Center or Institute)	Chicago Latino Congregation Study	Louisville Institute	\$59,620	12
Department or Office: Mathematics				
Buechler, Steven A	Extending the Scope of Geometrical Model Theory	National Science Foundation	\$36,455	36
Nicolaescu, Liviu	Monopoles and Three Manifolds	National Science Foundation	\$75,063	36
Stolz, Stephan A	Curvature and Topology	National Science Foundation	\$66,056	60
Williams, Edward B. Taylor, Laurence R. Dwyer, William G.	Algebraic and Geometric Topology	National Science Foundation	\$59,600	36
Department or Office: Music				
Youens, Susan L.	Heine and the Lied	Private funding	\$40,000	9
Department or Office: Physics				
Ruchti, Randal C. Garg, Umesh	Physics REU Program at the University of Notre Dame	National Science Foundation	\$76,000	60

Awards received during the period Jun-01-2003 to Jun-30-2003

Investigator(s)	Title	Sponsor	Dollars	Months
Janko, Boldizsar	Sloan Research Fellowship	Private funding	\$40,000	24
Kolda, Christopher F.	Probing the Physics of National Science the Hierarchy Problem Foundation		\$52,000	35
Rettig, Terrence W. (Center or Institute)	A Study of Volatile Molecules in the Inner Preplanetary Disks Around Herbig AeBe Stars	National Science Foundation	\$103,623	36
Department or Office:	Political Science			
Keys, Mary M.	Humility and Modernity	University of Chicago	\$6,000	12
Tillery, Alvin B.	Making Race and American Foreign Policy: Pan-African Politics from Paul Cuffe to Jesse Jackson, Jr.	University of Michigan	\$45,000	12
Zuckert, Catherine H.	Visiting Scholar Fellowship	Private funding	\$152,415	10
Zuckert, Michael P.	Visiting Scholar Fellowship	Private funding	\$154,395	10
Department or Office:	Psychology			
Borkowski, John G McKenna, James J. Maxwell, Scott E. Boker, Steven M. LeClere, Felicia B. (Center or Institute)	Predicting and Preventing Neglect in Teen Mothers	National Institutes of Health	\$1,783,559	36
Borkowski, John Gregg Whitman, Thomas Lee	Research Training in Mental Retardation	National Institutes of Health	\$103,741	12

Awards received during the period Jun-01-2003 to Jun-30-2003

Investigator(s)	Title	Sponsor	Dollars	Months
Cummings, E. Mark	Family Process, Emotional Security, and Child Adjustment	University of Rochester	\$81,960	56
Radvansky, Gabriel A	Comprehension and Memory of Spatial and Temporal Event Components	U.S. Army Research Institute	\$49,900	36
Department or Office:	Sociology			
Carbonaro, William J.	Racial and Ethnic Differences in College Graduation: The Lasting Effects of Students' High School Experiences	Private funding	\$32,700	24
Carbonaro, William J.	Racial/Ethnic Differences in College Graduation: The Lasting Effects of Students' High School Experiences	National Academy of Education	\$50,000	12
Cardenas, Gilberto (Center or Institute)	Berwyn/Cicero Hispanic/Latino Community Initiative in Education, Health and Family	Private funding	\$1,102,878	48
Department or Office:	The Graduate School (Other)			
Diffley, Peter	Vawter CBA Scholarship for Brad Milunski for AY2003-04	Private funding	\$12,500	48

Proposals submitted during the period Jun-01-2003 to Jun-30-2003

Investigator(s)	Title	Sponsor	Dollars	Months
<u>Proposals for Research</u>				
Department or Office:	Aerospace and Mechanical Engineering			
Incropera, Frank P. Cunningham, Robert J.	Nanotechnology Engineering Center at the University of Notre Dame	Department of Energy	\$962,000	8
Niebur, Glen L.	Experimental Measurements of the Progression of Vertebral Interbody Fusion	Private funding	\$99,312	24
Roeder, Ryan K. Niebur, Glen L.	Staining Techniques for Micro-CT Imaging of Microdamage	National Institutes of Health	\$111,375	12
Department or Office:	Biological Sciences			
Collins, Frank H.	VectorBase: A Bioinformatics Resource Center for Invertebrate Vectors of Human Pathogens	National Institutes of Health	\$2,002,804	12
Hyde, David R.	Role of Muller Glia During Retinal Regeneration	National Institutes of Health	\$297,000	12
McDowell, Mary A.	IL-12 in Leishmania Infested Human Dendritic Cells	National Institutes of Health	\$359,125	12
Schorey, Jeffrey S.	M. Avium Gpls in Macrophage Activation and Virulence	National Institutes of Health	\$340,925	12
Severson, David W.	Molecular Genetics of Dengue Resistance in Mosquitoes	National Institutes of Health	\$671,803	12

Proposals submitted during the period Jun-01-2003 to Jun-30-2003

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office:	Center for Social Concerns			
Caponigro, Jerome V.	Notre Dame Community Partnership Center	US Housing & Urban Development	\$398,087	36
Department or Office:	Chemistry and Biochemistry			
Barkai, Eli	CAREER: Theoretical Aspects of Single Molecule Spectroscopy: Control, Tracking, and Unraveling Dynamical Events in the Condensed Phase	National Science Foundation	\$750,174	60
Castellino, Francis J.	Plasminogen and Plamin: Structure and Function	National Institutes of Health	\$461,991	12
Ploplis, Victoria A.	Pathological Consequences of the Plasminogen System	National Institutes of Health	\$297,000	12
Rosen, Elliot D.	Hemostatic Balance and Arterial Thrombosis	National Institutes of Health	\$515,385	12
Scheidt, W. Robert	X-Ray and Chemical Studies of Metalloporphyrins	National Institutes of Health	\$325,832	12
Taylor, Richard E.	Conformation Activity Relationships	National Institutes of Health	\$259,875	12
Wiest, Olaf G.	Mechanisms and Models of DNA Photolyases	National Institutes of Health	\$185,625	12

Proposals submitted during the period Jun-01-2003 to Jun-30-2003

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office:	Computer Science & Engineering			
Striegel, Aaron Freeland, Joseph C. Chandra, Surendar	SIASID-Scalable Inference of Attack Signatures for Intrusion Detection	U. S. Dept. of Homeland Security	\$631,098	36
Striegel, Aaron Chandra, Surendar Freeland, Joseph C.	Adaptive Techniques for Network Characterization	National Science Foundation	\$608,281	36
Striegel, Aaron	Edge-Centric Resource Management for the Next Generation Internet	Iowa State University	\$201,400	36
Department or Office:	Electrical Engineering			
Fuja, Thomas E. Costello, Daniel J. Huang, Yih-Fang Collins, Oliver M.	Resource-Efficient Digital Communications-Research and Testbed Development in Support of OFW and JTRS	Department of Army	\$2,529,000	40
Hall, Douglas C. Snider, Gregory L.	Oxidation of InAlAs for Nanostructure Applications	Corporate funding	\$31,978	6
Department or Office:	Film, Television, and Theatre			
Friedewald, Vincent E.	Southwest Border Regions	Baylor University Medical Center	\$100,400	24

Proposals submitted during the period Jun-01-2003 to Jun-30-2003

Investigator(s)	Title	Sponsor	Dollars	Months
Department or Office: Physics				
Janko, Boldizar	Spin Polarized Nanostructures at Interfaces of Superconductors and Diluted Magnetic Semiconductors: New Prospects for Tunable Quantum Dot Arrays	Private funding	\$49,056	12
Rettig, Terrence W.	Peering into Preplanetary Disks of Young Stars with Near Infrared Spectroscopy	National Aeronautics and Space Administration	\$412,776	24
Ruggiero, Steven T.	Tunneling and Transport in Magnetically Doped Al Films	National Science Foundation	\$730,759	36
Department or Office: Political Science				
Lieber, Keir A.	U.S. Nuclear Weapons Policy: Departure from Containment?	Private funding	\$60,000	12
Lindley, Daniel A.	Is War Rational? The Extent of Miscalculation and Misperception as Causes of War	Private funding	\$60,000	12
Mosley, Maria E.	Racing to the Bottom or Climbing to the Top: Foreign Direct Investment and Labor	Private funding	\$60,000	12

Proposals submitted during the period Jun-01-2003 to Jun-30-2003

Investigator(s)	Title	Sponsor	Dollars	Months
Tillery, Alvin B.	Making Race and American Foreign Policy: Pan-African Politics from Paul Cuffe to Jesse Jackson, Jr.	University of Michigan	\$45,000	9
Department or Office:	Psychology			
Carlson, Laura A.	The Formulation of Spatial Descriptions	Department of the Air Force	\$389,700	36
Carlson, Laura A.	The Formulation of Spatial Descriptions	National Science Foundation	\$341,650	36
Merluzzi, Thomas V. Maxwell, Scott E.	Resilience in Persons with Cancer	National Institutes of Health	\$334,125	12
Merluzzi, Thomas V. Pope-Davis, Donald B. Schuster, Christof	Cultural Analysis of the Cancer Behavior Inventory	National Institutes of Health	\$148,500	12

Proposals for Instructional Programs

Department or Office:	The Graduate School (Vice President)			
Hilliard, Richard A.	Purdue-Notre Dame Collaboration on Human Subjects Protections	Purdue University	\$20,000	12

Awards and Proposal Summary

Centers and Institutes Report

06/01/2003 to 06/30/2003

Awards Received

Department or Office	No.	Amount
Center for Astrophysics	1	\$103,623
Center for Children and Families	1	\$1,783,559
Center for Tropical Disease Research & Training	3	\$787,161
Institute for Latino Studies	2	\$1,162,498
Walther Cancer Research Center	1	\$138,105
Total:	8	\$3,974,946

Proposals Submitted

Department or Office	No.	Amount
Center for Astrophysics	1	\$412,776
Center for Molecularly Engineered Materials	1	\$99,312
Center for Transgene Research	3	\$1,274,376
Center for Tropical Disease Research & Training	3	\$2,702,854
Center for Zebrafish Research	1	\$297,000
Nano Science and Technology Center	1	\$31,978
Robinson Community Learning Center	1	\$398,087
Total:	11	\$5,216,383

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

The Office of Research is doing what it can to ensure all units receive credit for the proposals/awards they submit and receive. However, it depends on the PI to properly identify responsibility for the project at the time the proposal is submitted. Please notify the Office of Research at research@nd.edu or 631-4670 if you are aware of any proposals or awards that have not been properly credited to a center or institute.

Awards and Proposal Summary

Centers and Institutes Report

07/01/2002 to 06/30/2003

Awards Received

Department or Office	No.	Amount
Alliance for Catholic Education	3	\$161,249
Center for Astrophysics	4	\$307,224
Center for Children and Families	2	\$3,033,039
Center for Environmental Science and Technology	3	\$304,860
Center for Flow Physics and Control	14	\$1,128,281
Center for Molecularly Engineered Materials	10	\$2,035,573
Center for Orphan Drug Development	2	\$40,000
Center for Transgene Research	6	\$1,866,186
Center for Tropical Disease Research & Training	18	\$7,569,575
Center for Zebrafish Research	1	\$259,875
Cushwa Center for American Catholicism	1	\$30,000
Erasmus Institute	1	\$500,000
Freimann Life Science Center	5	\$44,046
Institute for Church Life	1	\$930,205
Institute for Latino Studies	10	\$2,052,010
Interdisciplinary Center for the Study of Biocomplexity	2	\$15,000
Kellogg Institute for International Studies	4	\$232,218
Keough Institute for Irish Studies	1	\$107,694
Kroc Institute for International Peace Studies	2	\$55,000
Nano Science and Technology Center	15	\$2,481,248
Nanovic Institute	1	\$13,245
Nuclear Structure Laboratory	2	\$1,415,500
Office of the Provost	1	\$400,000
Radiation Laboratory	8	\$3,600,364
South Bend Center for Medical Education	4	\$404,992
TRIO Programs	3	\$1,065,595
Walther Cancer Research Center	4	\$2,312,105
Total:	128	\$32,365,084

Proposals Submitted

Department or Office	No.	Amount
Center for Astrophysics	10	\$2,768,842
Center for Children and Families	2	\$1,432,628
Center for Environmental Science and Technology	2	\$474,398
Center for Flow Physics and Control	13	\$4,078,879

Awards and Proposal Summary**Centers and Institutes Report****07/01/2002 to 06/30/2003**

Department or Office	No.	Amount
Center for Molecularly Engineered Materials	19	\$12,614,530
Center for Social Concerns	2	\$145,791
Center for Transgene Research	14	\$8,757,162
Center for Tropical Disease Research & Training	30	\$9,377,090
Center for Zebrafish Research	2	\$631,125
Cushwa Center for American Catholicism	2	\$150,628
Environmental Molecular Science Institute	3	\$444,662
Freimann Animal Care Facility	1	\$5,020
Freimann Life Science Center	7	\$2,416,577
Higgins Labor Research Center	1	\$12,500
Institute for Church Life	2	\$94,489
Institute for Educational Initiatives	2	\$229,986
Institute for Latino Studies	15	\$786,369
Institute for Scholarship in the Liberal Arts	1	\$103,591
Interdisciplinary Center for the Study of Biocomplexity	2	\$762,384
Kellogg Institute for International Studies	5	\$1,740,555
Kroc Institute for International Peace Studies	2	\$82,977
Laboratory for Social Research	3	\$1,370,143
Lobund Laboratory	1	\$513,280
Mendelson Center for Sports, Character, & Community	1	\$14,866
Nano Science and Technology Center	52	\$30,546,780
Nanovic Institute	2	\$16,176
Office of Special Instructional Projects and Activities	1	\$1,625,789
Radiation Laboratory	5	\$1,787,640
Robinson Community Learning Center	2	\$894,834
South Bend Center for Medical Education	3	\$395,500
Walther Cancer Institute Chair I	1	\$194,955
Walther Cancer Research Center	8	\$3,418,690
Total:	216	\$87,888,836

Awards received during the period Jun-01-2003 to Jun-30-2003

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Award #
<u>Awards for Research</u>				
Department or Office: Center for Astrophysics				
Rettig, Terrence W. (Center or Institute)	A Study of Volatile Molecules in the Inner Preplanetary Disks Around Herbig AeBe Stars	National Science Foundation	\$103,623	005765-001
Department or Office: Center for Children and Families				
Borkowski, John G. McKenna, James J. Maxwell, Scott E. Boker, Steven M. LeClere, Felicia B. (Center or Institute)	Predicting and Preventing Neglect in Teen Mothers	National Institutes of Health	\$1,783,559	005611-001
Department or Office: Center for Tropical Disease Research & Training				
Adams, John H (Center or Institute)	Molecular Analysis of Apical Organelles of Plasmodium	National Institutes of Health	\$259,875	005252-001
Collins, Frank Hadley (Center or Institute)	Experimental Parasitology and Vector Biology	National Institutes of Health	\$124,006	005229-001
Besansky, Nora J (Center or Institute)	Genetics of Anopheles Funestus Populations	National Institutes of Health	\$403,280	005496-001
Department or Office: Institute for Latino Studies				
Hernandez, Edwin I. (Center or Institute)	Chicago Latino Congregation Study	Private funding	\$59,620	006030-001
Cardenas, Gilberto (Center or Institute)	Berwyn/Cicero Hispanic/Latino Community Initiative in Education, Health and Family	Private funding	\$1,102,878	005415-001

Awards received during the period Jun-01-2003 to Jun-30-2003**Centers and Institutes Report**

Investigator(s)	Title	Sponsor	Dollars	Award #
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 Jun-01-2003 to Jun-30-2003**Centers and Institutes Report**

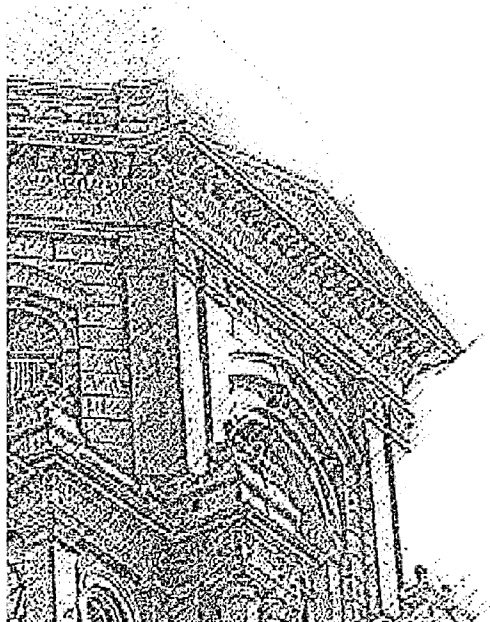
Investigator(s)	Title	Sponsor	Dollars	Proposal #
<u>Proposals for Research</u>				
Department or Office: Center for Astrophysics				
Rettig, Terrence W.	Peering into Preplanetary Disks of Young Stars with Near Infrared Spectroscopy	National Aeronautics and Space Administration	\$412,776	03120572
Department or Office: Center for Molecularly Engineered Materials				
Niebur, Glen L.	Experimental Measurements of the Progression of Vertebral Interbody Fusion	Private funding	\$99,312	03120599
Department or Office: Center for Transgene Research				
Ploplis, Victoria A.	Pathological Consequences of the Plasminogen System	National Institutes of Health	\$297,000	03120588
Rosen, Elliot D.	Hemostatic Balance and Arterial Thrombosis	National Institutes of Health	\$515,385	03120575
Castellino, Francis J.	Plasminogen and Plamin: Structure and Function	National Institutes of Health	\$461,991	03120565
Department or Office: Center for Tropical Disease Research & Training				
Schorey, Jeffrey S.	M. Avium Gpls in Macrophage Activation and Virulence	National Institutes of Health	\$340,925	03120592

Proposals submitted during the period Jun-01-2003 to Jun-30-2003

Centers and Institutes Report

Investigator(s)	Title	Sponsor	Dollars	Proposal #
Collins, Frank H.	VectorBase: A Bioinformatics Resource Center for Invertebrate Vectors of Human Pathogens	National Institutes of Health	\$2,002,804	03120581
McDowell, Mary A.	IL-12 in Leishmania Infested Human Dendritic Cells	National Institutes of Health	\$359,125	03120583
Department or Office:	Center for Zebrafish Research			
Hyde, David R.	Role of Muller Glia During Retinal Regeneration	National Institutes of Health	\$297,000	03120586
Department or Office:	Nano Science and Technology Center			
Hall, Douglas C.	Oxidation of InAlAs for Nanostructure	Corporate funding	\$31,978	03120569
Snider, Gregory L.	Applications			
Department or Office:	Robinson Community Learning Center			
Caponigro, Jerome V.	Notre Dame Community Partnership Center	US Housing & Urban Development	\$398,087	03120580

Notre Dame Report



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