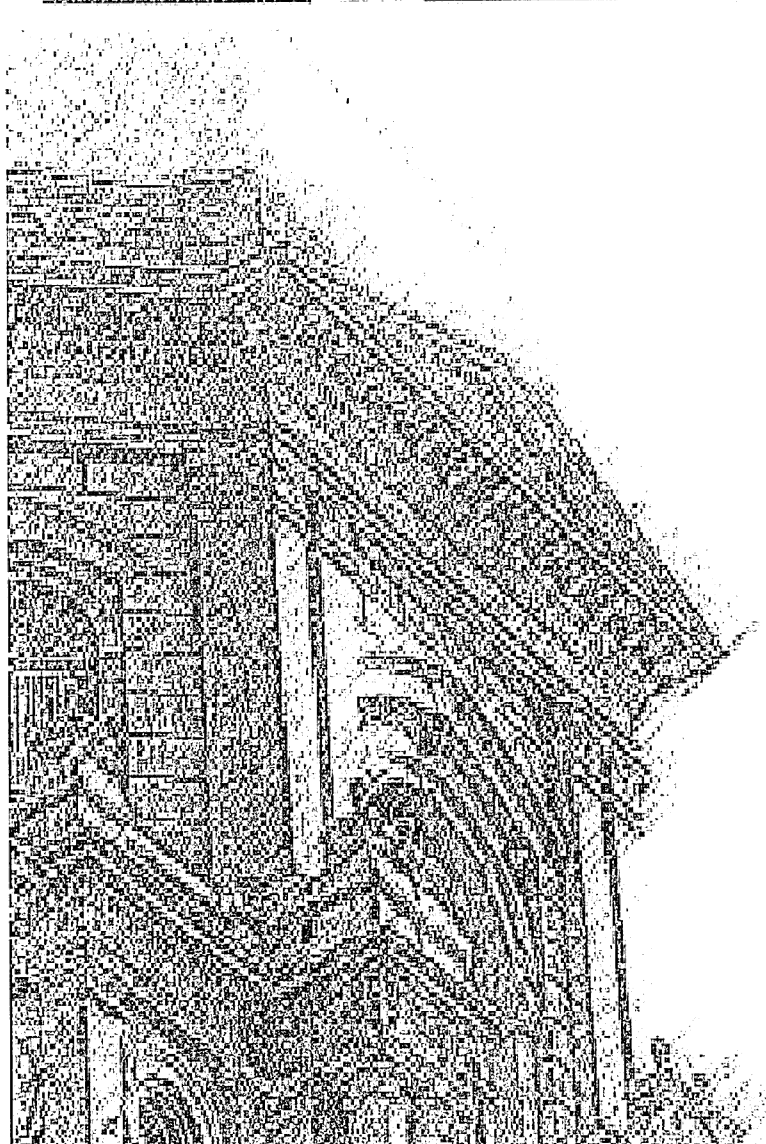


# Notre Dame Report



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# Faculty Notes

## Honors

**Sarv Devaraj**, associate professor of management was appointed an associate editor of *Information Systems Research*.

**Jay P. Dolan**, professor emeritus of history, has been appointed to the History Advisory Committee for the Statue of Liberty-Ellis Island Foundation, which is designing a new immigration museum at Ellis Island.

**Jinesh C Jain**, associate professional specialist of civil engineering and geological sciences, received a plaque of honor for his invited presentation "Is It Safe to Consume Herbal Dietary Supplements?" in the international symposium on recent advances in pharmacology, Jan 7-8.

**Scott Mainwaring**, professor of political science, was named a member of the editorial board of *Legislative Studies Quarterly* for 2004, a member of the editorial board of *Latin American Politics and Society*, and a member of the Sage Prize Committee, Comparative Politics Section, American Political Science Association, for the best paper in comparative politics presented at the 2003 AOSPSA meetings.

**George Marsden**, the McAnaney Professor of History, had his book *Jonathan Edwards: A Life* chosen as one of five finalists for the National Book Critics Circle award for a biography.

**Ralph McInerny**, professor of philosophy, had his book *Very Rich Hours of Jacques Maritain* named as one of *Christianity Today's* 2003 Top Ten Book Titles.

**James J. McKenna**, chair and the Joyce Professor of Anthropology, was elected a member-at-large of the Biological Anthropology Section, American Anthropological Association.

**Patrick Murphy**, professor of marketing and Smith Codirector of the Institute for Ethical business Worldwide, was appointed to the core faculty of the Institute for Corporate Ethics, housed at the Univ. of Virginia.

**Terrence W. Rettig**, professor of physics, was elected a member of the International Astronomical Union by the 20th IAU General Assembly in Sidney, Australia, in July.

**Rev. Timothy R. Scully, C.S.C.**, professor of political science and director of the Institute for Educational Initiatives, was appointed a member of the Council on Foreign Relations, 2003, and is the 2004 recipient of the Blessed Pauline Award, awarded by the board of directors of Josephinum School, Chicago, for his dedication and leadership in education.

**Robert P. Vecchio**, the Schurz Professor of Management, was appointed to the editorial board of the *Journal of Occupational and Organizational Psychology*.

**Gordon Wishon**, chief information officer, was selected a 2004 Premier 100 IT Leader by *Computerworld* based on career accomplishments, peer recommendations, and professional references. He serves as a member of the Software Security Task Force and as participated in the U.S. Department of Home Land Security's National Cyber Security Summit in Santa Clara, Calif. He also conducted a peer review at Emory Univ. and wrote a report for the office of the president at Emory.

## Activities

**John H. Adams**, associate professor of biological sciences, chaired the molecular parasitology portion of the program, The Young Investigator Award, Session D, and Symposium 6: Immune Evasions and Immunomodulation by Parasites of the American Committee for Molecular, Cellular and Immunoparasitology (ACMCIP) Symposium I; presided over the business meeting for the American Committee for Molecular, Cellular and Immunoparasitology; and presented "Polymorphisms in the Plasmodium Vivax Duffy Binding Protein Ligand Domain Change Antigen Character and Sensitivity to Inhibitory Antibodies," written with K.M. vanBuskirk, J.L. Cole-Tobian, M. Baisor, E.S. Sevova, W. Kastens, M. Bockairie, and C.L. King, at the annual

meeting of the American Society of Tropical Medicine and Hygiene in Philadelphia, Dec. 3-7. He also copresented a poster titled "Analysis of the Plasmodium Falciparum RhopH Complex by Immunological Characterisation at that meeting.

**Asma Afsaruddin**, associate professor of Arabic and Kroc Institute fellow, presented "Obedience to Political Authority: An Evolutionary Concept," at the second international conference on The Qur'an: Text, Translation, and Interpretation, the Centre of Islamic Studies, School of Oriental and African Studies, Univ. of London, Oct. 16-17; presented the invited lecture "The Kitab al-Nisa' of al-Sakhawi" at the Islamic Texts seminar, Institute of Oriental Studies, Oxford Univ., Nov 27; presented the invited lecture "The Book of Women and Medieval Women Scholars" at the Centre of Islamic Studies, School of Oriental and African Studies, Univ. of London, Dec. 3; and the invited lecture "Knowledge and Legitimate Leadership: Sunni-Shi'i Perspectives" at the Institute of Islamic Studies, Dec. 11; presented "Activist and Quietist Struggle in the Path of God" and chaired the panel "The Qur'an: Concept of Peace and Security" at the conference "The Qur'an: Peace and Morality," at the University of Leeds, U.K., Dec. 16.

**Brian Baker**, assistant professor of chemistry and biochemistry, gave an invited seminar "Biophysical Investigations of Ligand Recognition by T Cell Receptors and Class I MHC Molecules" at the Univ. of Iowa, Iowa City, Dec. 6.

**H. Gordon Berry**, professor of physics, presented "Atomic New Measurements of the Weak Charge Q<sub>w</sub>" for the High Energy Group, Univ. of Chicago, July 9.

**John Blacklow**, pianist, assistant professor of music, was an invited judge for the Bronislaw Kaper Awards, sponsored by the Los Angeles Philharmonic, a competition for young artists held at Walt Disney Concert Hall in Los Angeles on Jan. 17.

**David E. Campbell**, assistant professor political science and fellow of the Institute for Educational Initiatives, presented "Putting Religion in Context by Putting Context into the Study of Religion" at the annual meeting of Southern Political Science Association, New Orleans, Jan. 9.

**Kathleen Cannon, O.P.**, associate dean of the College of Science and concurrent associate professor of theology, presented "God's Future: Not Yet Fully Born" as an invited presenter at Emory Univ., Oct. 18; and led a day of retreat on "The Spiritual Ground of Leadership" at Holy Cross Abbey, Berryville, Va., Oct. 25.

**Jianguo Cao**, professor of mathematics, presented the four invited lectures: "Boundary Regularity of  $\partial$ -Neumann Problem on Kähler Domain" at the Institute of Math, Peking Univ., China, Dec. 24; a colloquium lecture "Geometric Analysis on Manifolds of Non-Positive Sectional Curvature" at the Dept. of Mathematics, Beijing Normal Univ., China, Dec. 26; a colloquium lecture "The  $\partial$ -Neumann Problem on Manifolds with Boundary" at the Institute of Mathematics, Chinese Academy of Sciences, Beijing, Jan. 2; and a geometric analysis seminar "Geometric Analysis on Manifolds of Non-Negative Sectional Curvature" at the Institute, Jan. 5.

**Paul M. Cobb**, assistant professor of history and Medieval Institute and Kroc Institute fellow, served as commentator for the panel "Representations of War in the Medieval Middle East" at the annual meeting of the American Historical Association in Washington, D.C., Jan. 8-11.

**Malgorzata Dobrowolska-Furdyna**, professor of physics, presented the invited talk "Mechanisms Limiting the Curie Temperature in GaMnAs" with T. Wojtowicz, W.L. Lim, X. Liu, **Jacek K. Furdyna**, the Marquez Professor of Physics and fellow in the Nanovic Institute for European Studies, K.M. Yu, W. Walukiewicz, I. Vurgaftmann, and J.R. Meyer, at the International Conference and School on Semiconductor Spintronics and Quantum Information Technology, Spintech II, Brugge, Belgium, Aug. 4-8.

**E. Jane Doering**, professional specialist and concurrent assistant professor of the Core Course Program, gave an invited presentation "*Réception faite aux premiers écrits de Simone Weil lors de leur parution aux Etats-Unis : dilemme de la guerre*" to *L'Association pour l'étude de la pensée de Simone Weil* in Paris, October.

**Crislyn D'Souza-Schorey**, the Walther Assistant Professor of Biology, chaired a session on "Endocytosis" along with S. Schmid

at the American Society for Cell Biology Meeting, San Francisco in December.

**Georges Enderle**, the O'Neil Professor of International Business Ethics and Kellogg Institute fellow, gave the keynote address "Global Competition and Corporate Responsibilities of Small and Medium-Sized Companies," International Conference "Business Ethics and Improvement of the Socialist Market Economy," Shanghai, China, Nov. 20; presented lectures on "Business Ethics in America after Enron," Shanghai Teachers Univ., Nov. 27, and at the School of Management, Fudan Univ., Shanghai, Dec. 19; and lectured on "In Search for a Common Ethical Ground in China," Institute of Philosophy at the Shanghai Academy of Social Sciences, Dec. 9.

**Morten Eskildsen**, assistant professor of physics, presented "Vortex Studies in Magnesium Diboride: Effects of Doping and Anisotropy," an invited talk, at the workshop "Open Questions in Understanding the Superconducting and Normal-State Properties of  $MgB_2$ ," Rome, July 2-4 and again at the "2003 Swiss Workshop on Materials with Novel Electronic Properties," Les Diablerets, Switzerland, Sept. 29 through Oct. 1; "Two Superconductors in One Package—the Story of Magnesium Diboride" at the Univ. of Indiana, Indianapolis, Oct. 9; and "Flux-Line Lattice Studies by Small-Angle Neutron Scattering" at the IPNS, Argonne National Laboratory, Nov. 6.

**Umesh Garg**, professor of physics, presented the invited colloquia "Nuclear Incompressibility from the Squeezing Mode" at the Saha Institute of Nuclear Physics, Kolkata, India, Dec. 19; "Exotic Quantal Rotation in Nuclei" at the Inter University Center for DAE Facilities, Kolkata, Dec. 22; and "Squeezing the Nucleus to Get the Nuclear Incompressibility" at the Institute of Physics, Bhubaneswar, India, Jan. 7.

**Alyssa Gillespie**, the Notre Dame Assistant Professor of Russian Language and Literature, presented "Looking Back from Beyond: The Poetics of Pushkin's 'Stone Island Cycle'" on the panel "The Poetics of Closure: The End of the Poem/Poet and Death in Russian Poetry" at the national convention of the American Association for the Advancement of Slavic Studies in Toronto, Canada, Nov. 23.

**Dirk M. Guldi**, associate professional specialist in the Radiation Laboratory,

presented the seminar "Japan Novel Multifunctional Nanoarchitectures in Energy Conversion" on Jan. 7 at Hokkaido Univ., Sapporo; on Jan. 9 presented "Novel Multifunctional Nanoarchitectures in Energy Conversion" at the COE Symposium "Elements Science" at Kyoto Univ., Japan; on Jan. 13 presented "Multifunctional Nanoarchitectures" at the Univ. of Tsukuba, Japan; on Jan. 14 presented "Integration of Fullerenes and Nanotubes into Nanoarchitectures" at the Univ. of Tokyo; on Jan. 17 presented "Supramolecular Fullerenes—and Nanotube-Architectures in Energy Conversion" at Kyushu Univ., Fukuoka, Japan; and on Jan. 17; presented "Nanotubes: Versatile Platform for Donor-Acceptor Chemistry" at Osaka Univ.

**Hans Heidle**, assistant professor of finance, presented "Is There Evidence of Front-Running before Analyst Recommendations? An Analysis of the Quoting Behavior of Nasdaq Market Makers" with coauthor X. Li at the American Finance Association annual meeting, San Diego, Jan. 3-5.

**Gordon Hug**, associate professional specialist in the Radiation Laboratory, presented "Photochemistry of 1,3,5 Trithianes in Solution, Steady-State and Laser Flash Photolysis Studies," written with E. Andrzejewska, B. Marcinisk, and Ian Carmichael, professional specialist in the Radiation Laboratory, at the Third Trivandrum International Symposium on Recent Trends in Photochemical Sciences, Trivandrum, India, Jan. 5-7; and "Time-Resolved ESR in the Pulse Radiolysis of (alkyl thio) Carbonyl Compounds:  $\beta$ -Scission," written with P. Wisniowski, K. Bobrowski, P. Filipiak, and Ian Carmichael, at the Biennial Trombay Symposium on Radiation and Photochemistry, Jan. 8-12, Mumbai (Bombay), India.

**Prashant V. Kamat**, professional specialist, Radiation Laboratory, and concurrent professor of chemical and biomolecular engineering, presented "Organic-Inorganic Hybrid Nanostructures for Light Energy Conversion Advanced Oxidation Technology for Environmental Remediation" at the Symposium on Recent Trends in Photochemical Sciences, Trivandrum, India, Jan. 4-7; and "Advanced Oxidation Technology for Environmental Remediation," written with J. Peller and Olaf Wiest, associate professor of chemistry and biochemistry, at the Trombay Symposium on Radiation and Photochemistry, Mumbai, India, Jan. 8-12.

**Kwan S. Kim**, professor of economics and policy studies and fellow of the Kellogg Institute, presented "Development Crisis in Sub-Sahel Africa: Globalization, Adjustment, and Roles of International Institutions" during the Third International CSI Conference hosted by the Center for the Study of international Institutions, Innsbruck, Austria, Nov. 20.

**David M. Lodge**, professor of biological sciences, spoke on "Scientists to Warn that US is Under Assault by Invasive Species, Biological Invaders Costing Nation Billions Annually" at a press conference of the National Environmental Coalition on Invasive Species, Washington, D.C., Dec. 18.

**John LoSecco**, professor of physics, presented "Systematic Errors of Atmospheric Neutrino Analysis" for the American Physical Society Neutrino Study Group, Argonne National Laboratory, Dec. 1.

**George Marsden**, the McAnaney Professor of History, appeared on C-SPAN2 on the *Public Lives* program, Jan. 10-11, discussing his book *Jonathan Edwards: A Life*.

**James J. McKenna**, chair and the Joyce Professor of Anthropology, presented "Good Night Nobody? It's Not Nice To Fool Mother-Nature" at the World Infant Mental Health Congress, Melbourne, Australia, Jan. 14-18; "Cultural Constraints on the Evolution of Breast Feeding and Sleep Science" and "Why Infants and Parents have Sleep Problems to Solve" at the eighth annual International Meeting Physicians and Breast Feeding: Controversy, Challenge and Change, Oct. 16-20, in Chicago; the plenary talk "Breast Feeding and SIDS" at the Skills and Strategies in Breast Feeding: Public Agendas-Personal Decisions conference at the Healthy Children's Project, Natick, Mass., Nov. 7-8; the plenary address "Cultural-Medical Misrepresentations of Healthy Infant Sleep" and "Breast Feeding, Cosleeping and SIDS" at Breast Feeding: Baby's Natural Choice Conference, Olsen Center for Women's Health, Univ. of Nebraska Medical Center, Omaha, Sept. 3; "What to do about the Cosleeping Issue" at the District of Columbia Child Fatality Review mini-conference, Oct. 2., District of Columbia; and "Cultural, Political and Scientific Aspects of the Cosleeping Debate" at the 17th annual California Conference on Childhood Injury and Control, Controversies in Cosleeping, Sept. 23, Los Angeles.

He appeared on the Jan. 14 Australian edition of the Today Show and was quoted in the New York Times article by D. McNeil "Infants Sleeping With Parents on the Rise," Jan. 14.

**James S. O'Rourke**, professional specialist, concurrent professor, and director, Fanning Center for Business Communication, reviewed curriculum and conducted workshops "The Art of Discussion Leadership: Writing and Teaching with Case Studies" for the Business School faculty of the Singapore Management Univ., Jan. 7-9.

**Timothy C. Ovaert**, professor of aerospace and mechanical engineering, published "A Rough Surface Contact Model for General Anisotropic Materials" with Y. Lin, *ASME Transactions, Journal of Tribology* 126, No. 1 (2004): 41-49.

**Szilvia Papai**, assistant professor of finance, presented "Random Paths to Stability in Hedonic Coalition Formation" at the Economics Department seminar series, Univ. of Hawaii, Manoa, Honolulu, Oct. 24, and at the California Institute of Technology, Division of the Humanities and Social Sciences: Theory workshop series, Pasadena, Nov. 19.

**Susan Ohmer**, assistant professor of American Studies, presented "Continuing Education: How the Supplemental Material on DVDs Affects Popular Understanding of Film" as part of a panel on "Restoration, Reformatting, and the Reconstruction of Film Studies," at the Association of Moving Image Archivists, Vancouver, Canada, Nov. 18-22; and "The Laws that Determine Interest: Radio Research at Young & Rubicam in the 1930s," at the Radio Conference, Univ. of Wisconsin, July 28-31.

**Joseph M. Powers**, associate professor of aerospace and mechanical engineering, presented the paper "Verification and Validation of Pseudospectral Shock Fitted Simulations of Supersonic Flow over a Blunt Body," written with G.P. Brooks, at the 42nd AIAA Aerospace Sciences Meeting and Exhibit, Reno, Nev., Jan. 5-8.

**Hon. Kenneth F. Ripple**, professor of law, was an invited faculty member at the Federal Law Clerk Institute at Pepperdine Univ., Malibu, Calif., Jan. 2-4, where he lectured on "Judicial Process and the Law of Habeas Corpus" and participated in a panel discussion on judicial writing.

**Jeanne Romero-Severson**, associate professor of biology, was an invited speaker at the Plant Genome XII Meeting in San Diego, Jan. 9-12, where she presented "Comparative Genomics in Natural Populations of Red Oaks."

**Alan Seabaugh**, professor of electrical engineering, gave an invited presentation "Nanoelectronics in Autonomous Low-Power CMOS Systems" at the DARPA Workshop on the Integration of Scalable CMOS Systems with Novel Nanostructures in McLean, Va., Jan. 12.

**David W. Severson**, professor of biological sciences, presented "Progress toward Complete Genome Sequence in *Aedes Aegypti*.D" and was a copresenter for two poster presentations "Relationship among Body Size, Mosquito Strain, and Dengue-2 Infection in *Aedes Aegypti*" with J.R. Schneider and D.D. Chadee, and "Quantitative Trait Loci affecting the Ability to Orally Transmit La-Crosse Virus in *Ochlerotatus Triseriatus* and *Ochlerotatus Hendersoni*" with J.R. Anderson and P.R. Grimstad at the conference of American Journal of Tropical Medicine and Hygiene, Philadelphia, Dec. 3-7.

**Christopher Shannon**, research associate at the Jacques Maritain Center, has received a Charlotte and Walter Kohler Fellowship in Family Studies from the Howard Center for Family, Religion and Society for research and writing on "Bowery to Broadway: Family, Community and the City in Classic Hollywood Cinema," a study of how Irish Catholics came to symbolize an ideal of the ethnic neighborhood as urban village in the Hollywood films of the 1930s and 1940s.

**Sandra Vera-Muñoz**, associate professor of accountancy, presented "Can Assurers Interpret Causal Information?" with coauthors Margaret Shackell, assistant professor of accountancy, and M. Buehner at the Midyear Auditing Conference of the American Accounting Association in Clearwater Beach, Fla., Jan. 17.

**Samir Younés**, associate professor of architecture and director of Rome Studies, presented "G. Valladier's Architectural Proposals for Piazza del Popolo and the Pincio" and "The Pantheon and Campo Marzio" on Jan. 8 and 14 respectively, to the Florence program of Hastings College, Neb.

## Publications

**Matthew J. Barrett**, professor of law, published "New Opportunities for Obtaining and Using Litigation Reserves and Disclosures" in *Ohio State Law Journal* 64 (2003): 1183-1195.

**Alicia M. Beatty**, research associate professor of chemistry and biochemistry, published "Ruthenacarboranes from the Reaction of *nido*-1,2-(Cp\*<sub>2</sub>RuH)<sub>2</sub>B<sub>3</sub>H<sub>7</sub> with HC≡CCO<sub>2</sub>Me, Cp\* = η<sup>5</sup>-C<sub>5</sub>Me<sub>5</sub>. Hydro-metalation, Alkyne Incorporation, and Functional Group Modification via Cooperative Metal-Boron Interactions within a Metallaborane Cluster Framework" with H. Yan and **Thomas P. Fehlner**, associate chair and the Grace-Rupley Professor of Chemistry, *Journal of the American Chemical Society* 125 (2003): 16367-16382.

**David P. Bennett**, research associate professor of physics, published "Probing the Atmosphere of a Solar-Like Star by Galactic Microlensing at High Magnification" with F. Abe, et al., *Astronomy and Astrophysics* 411 (2003): L493-L496.

**H. Gordon Berry**, professor of physics, published "1s2s2p<sup>2</sup>3s6P—1s2p<sup>3</sup>3s<sup>6</sup> So Transitions in O<sub>IV</sub>" with B. Lin, T. Shibata, A. Eugene Livingston, professor of physics, et al., *Physical Review A* 67 (2003): 062507 (9 pp.); and "Laser Gas-Discharge Absorption Measurements of the Ratio of Two Transition Rates in Neutral Argon" with I.M. Savukov, *ibid.*: 032505 (5 pp.).

**Jianguo Cao**, professor of mathematics, published "Local Splitting Structures on Non-Positively Curved Manifolds and Semi-Rigidity in Dimension 3" (with J. Cheeger and X. Rong) in *Communication in Analysis and Geometry* 12, No. 1 (2004): 391-417.

**Neal M. Cason**, professor of physics, published "On the Narrow Dip Structure at .9 GeV/c<sup>2</sup> in Diffractive Photoproduction" with P.L. Frabetti, et. al. (including **Randal C. Ruchti**, professor of physics, and **William D. Shephard**, professor of physics), *Physics Letters B* 578 (2004): 290-296.

**Sandra Collins**, assistant professional specialist, concurrent assistant professor of management, and **James S. O'Rourke**, professional specialist, concurrent professor, and director, Fanning Center for Business

Communication, edited *Managing Conflict and Workplace Relationships* (Cincinnati: Thomson South-Western, 2004).

**Olivia Remie Constable**, associate professor of history, published *Housing the Stranger in the Mediterranean World: Lodging, Trade, and Travel in Late Antiquity and the Middle Ages* (Cambridge Univ.Press, 2003).

**Frederick J. Crosson**, the Cavanaugh Professor of Humanities Emeritus, published "Fanaticism, Politics and Religion," *Philosophy Today* 47, No. 4 (winter 2003): 441-447.

**Malgorzata Dobrowolska-Furdyna**, professor of physics, published "Laser-Controlled Magnetization in a Single Magnetic Semiconductor Quantum Dot" with H. Schomig, G. Macher, A. Forchel, S. Lee, and **Jacek K. Furdyna**, the Marquez Professor of Physics and fellow in the Nanovic Institute for European Studies, *Journal of Superconductivity* 16 (2003): 379-382; "Enhancement of Curie Temperature in Gal-xMnxAs/Gal-yAlyAs Ferromagnetic Heterostructures by Be Modulation doping" with **Tomas Wojtowicz**, visiting research associate professor of physics, W.L. Lim, X. Liu, **Jacek K. Furdyna**, K.M. Yu, W. Walukiewicz, I. Vurgaftman, and J.R. Meyer, *Applied Physics Letters* 83 (2003): 4220-4222.

**Julia Douthwaite**, professor of Romance Languages and Literatures, director of SUNDEF, fellow in the Nanovic Institute, and assistant provost for International Studies, published a review essay titled "In Search of a New Paradigm: Recent Work on Revolutionary History, Literature, and Art" in *Eighteenth-Century Studies* 37, No. 2 (winter 2004): 285-291.

**Jeffrey L. Feder**, associate professor of biology, published "Positive Darwinian Natural Selection for Orange Bioluminescent Color in a Jamaican Click Beetles" with U. Stolz, S. Velez, K. Wood, and M. Wood, *Proceedings of the National Academy of Sciences, U.S.A.* 100 (2003): 14955-14959.

**Richard W. Fessenden**, professor emeritus of chemistry, published "Energy Requirements for Inverted CIDEP in Reactions Between e<sub>aq</sub><sup>-</sup> or Radical Anions and Phenoxyl Radicals" with T. Ichino, *Journal of Physical Chemistry A* 107, No. 44 (2003): 9257-9268.

**Jacek K. Furdyna**, the Marquez Professor of Physics and fellow in the Nanovic Institute for European Studies, published "Magneto-

Optical Study of Multiple Layers of Self-Assembled Quantum Dots Involving Diluted Magnetic Semiconductors" with S. Lee, D.Y. Shin, L.V. Titova, M. Kutrowski, and **Malgorzata Dobrowolska-Furdyna**, professor of physics, *Journal of Superconductivity* 16 (2003): 453-456; and "Structural and Magneto-Optical Studies of Multiple Quantum Dots Containing Magnetic Semiconductors" with S. Lee, D.Y. Shin, H.S. Lee, J.Y. Lee, L.V. Titova, M. Kutrowski, and **Malgorzata Dobrowolska-Furdyna**, *Physica Status Solidi (c)* 0 (2003): 1283-1287.

**Umesh Garg**, professor of physics, published "Systematic Study of L≤3 Giant Resonances in Sm Isotopes Via Multipole Decomposition Analysis" with M. Itoh, et al., *Physical Review C* 68 (2003): 064602 (10 pp.).

**Alyssa Gillespie**, the Notre Dame Assistant Professor of Russian Language and Literature, published a review of J. Kochanowski, *Treny: The Laments of Kochanowski in Slavic and East European Journal* 47, No. 2 (summer): 305-307.

**Dirk M. Guldi**, associate professional specialist in the Radiation Laboratory, published "π-Conjugated Electroactive Oligomers: Energy and Electron Transducing Systems" with C. Luo, A. Swartz, R. Gómez, J.L. Segura, and N. Martín, *Journal of Physical Chemistry A* 108, No. 3 (2004): 455-467; and "Organic Functionalization of Carbon Nanotubes" with D. Tasis, N. Tagmatarchis, V. Georgakilas, D. Pantarotto, L. Vaccari, A. Bianco, and M. Prato, *Molecular Nanostructures: XVII Int'l. Winterschool/Euroconference on Electronic Properties of Novel Materials*, H. Duzmany, J. Fink, M. Mehring, and S. Roth, eds. (American Institute of Physics, 2003): 282-286.

**Prashant V. Kamat**, professional specialist in the Radiation Laboratory, published "What Factors Control the Size and Shape of Silver Nanoparticles in the Citrate Ion Reduction Method?" with Z.S. Pillai, *Journal of Physical Chemistry B* 108, No. 3 (2004): 945-951; "Rigid Rod Spaced Fullerene as Building Block for Nanoclusters" with P.K. Sudeep, J.P. V. K.G. Thomas, and M.V. George, *Proceedings of the Indian Academy of Science* 115, Nos. 5 and 6 (2003): 321-332.

**Kwan S. Kim**, professor of economics and Kellogg Institute fellow, published "The Tobin Tax Revisited in the Context of Global



Governance on Capital Markets" with Seok-Hyeon Kim, *The Role of International Institutions in Globalization—the Challenges of Reform*, J. Chen ed. (Cheltenham, UK and Northampton, Mass.: Edward Elgar, 2003): 19-43.

**James J. McKenna**, chair and the Joyce Professor of Anthropology, published "ABM Protocols: Guidelines on Co-Sleeping and Breastfeeding," *ABM News and Views* 9, No. 2 (2003): 10-13 "Sleeping With Baby: Benefits and Risks of Bed Sharing," *Advance for Managers of Respiratory Care* (2003): 27-29; "Mother-Infant Co-Sleeping with Breastfeeding: Adaptive Behaviors Worth Fighting For," *Breastfeeding Abstract* 23, No. 1 (2003): 3, 4; "Babies, Breast Feeding and Bedsharing," *Breast Feeding: Nutrition in Early Childhood and Reproductive Health*, V. Scherbaum, Ukretschmer, and F. Perl, eds. (2003).

**Al Neiman**, professional specialist in philosophy, published 20 entries (on topics ranging from determinism to wisdom) in *The Greenwood Dictionary of Education*, J.W. Collins and P. O'Brien, eds. (Greenwood Press, 2003).

**James S. O'Rourke**, professional specialist, concurrent professor, and director, Fanning Center for Business Communication, published "The Art of Downsizing: Communicating Lay-Offs to Key Stakeholders," with M.P. Pfeil and A.B. Setterberg, *Journal of Communication Management* 8, No. 2 (2003): 130-141.

**William O'Rourke**, professor of English, published a review of K. Phillips' *American Dynasty* titled "What Powers the Bush Clan?" in the *Chicago Sun-Times* 57, No. 3 (Jan. 18): 12D.

**Stephen T. Ruggiero**, associate professor of physics, published the cover article of the January 26 edition of *Applied Physics Letters* with A. M. Clark, A. Williams, S. T. Ruggiero, M. L. van den Berg, and J. N. Ullom: *Applied Physics Letters* 84 (2004): 625.

**Alan C. Seabaugh**, professor of electrical engineering, published "Nanofabrication using Nanotranslated Stencil Masks and Lift Off" with Z. Racz, J. He, S. Srinivasan, W. Zhao, K. Han, P. Ruchhoeft, and J. Wolfe, *Journal of Vacuum Science and Technology* B22 (2004): 74-76.

**David W. Severson**, professor of biological sciences, published "Intraspecific DNA

Variation in Nuclear Genes of the Mosquito *Aedes aegypti*" with I. Morlais, *Insect Molecular Biology* 12, No. 6 (2003): 631-639; "Utility of Comparative Anchor-Tagged Sequences as Physical Anchors for Comparative Genome Analysis among the *Culicidae*" with E.W. Chambers and D.D. Lovin, *American Journal of Tropical Medicine and Hygiene* 69, No. 1 (2003): 98-104; and "A Targeted Approach to the Identification of Candidate Genes Determining Susceptibility to *Plasmodium gallinaceum* in *Aedes aegypti*" with I. Morlais, A. Mori, and J.R. Schneider, *Molecular Genetics Genomics* 269 (2003): 753-764.

**Susan Guise Sheridan**, the O'Neill Associate Professor of Anthropology, published "Anthropological Analysis of the Human Remains from Khirbet Qumran: The French Collection" with coauthors J. Ullinger and J. Ramp in *The Archaeology of Qumran Vol. II.*, edited by J.-B. Humbert, O.P., and J. Gunneweg (Presses Universitaires de Fribourg, Suisse and the École Biblique et Archéologique Française, 2003): 133-173.

**Gregory L. Snider**, associate professor of chemistry and biochemistry, published "Molecular Quantum Cellular Automata Cells. Electric Field-Driven Switching of a Silicon Surface Bound Array of Vertically Oriented Two-Dot Molecular Quantum Cellular Automata" with H. Qi, S. Sharma, Z. Li, Alexei O. Orlov, research associate

professor of electrical engineering, **Craig S. Lent**, the Freimann Professor of Electrical Engineering, and **Thomas P. Fehlner**, associate chair and the Grace-Rupley Professor of Chemistry, *Journal of the American Chemical Society* 125 (2003): 15250-15259.

**Richard Taylor**, director of graduate studies and associate professor of chemistry and biochemistry, published "Conformation-Activity Relationships in Polyketide Natural Products. Towards the Biologically Active Conformation of Epothilone" with Y. Chen, G.M. Galvin, and P.K. Pabba, *The Royal Society of Chemistry* 2 (2004): 127-132; "Enantioselective Preparation of the C1-C11 Fragment of Apoptolidin" with W.D. Paquette, *Organic Letters* 6, No. 1 (2003): 103-106; and "Toward a Total Synthesis of Peloruside A: Enantioselective Preparation" with M. Jin, *ibid.* 5, No. 26 (2003): 4959-4961.

**Olaf Wiest**, associate professor of chemistry and biochemistry, published "QSAR Studies of PC-3 Cell Line Inhibition Activity of TSA and SAHA-Like Hydroxamic Acids" with D.-F. Wang, **Paul Helquist**, professor of chemistry and biochemistry, and N.L. Wiech, *Bioorganic and Medicinal Chemistry Letters* 14 (2004): 707-711; and "Toward an Artificial Oxidative DNA Photolyase" with M. Pauvert, P. Laine, and M. Jonas, *Journal of Organic Chemistry* 69 (2004): 543-548.

## Administrators' Notes

### Activities

**Dale Carter**, manger, decision support in the Office of Information Technologies, presented "Balanced Scorecard in Higher Education" to the Executive Advisory Council at the SCT Corporation's Pillar Conference in Philadelphia.

**Wendy Settle**, staff psychologist and coordinator for outreach and consultation for the University Counseling Center and concurrent assistant professor of psychology, presented "Stress Management for

Religious Leaders" for Catholic clergy on sabbatical through the Hesburgh Center for Continuing Formation in Ministry Program, Catholic Theological Union, on Aug. 22 and on Jan. 23 in Chicago.

### Publications

**Alan S. Bigger**, director of Building Services, published "Frugal Doesn't Mean Cheap: Resources for the Resourceful" with L.B. Bigger, *Executive Housekeeping Today* 25, No. 1 (January): 6-8, 17.

# Documentation

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

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

The nomination packet should include a minimum of four letters of support (two from students and two from faculty) but no more than six, and a copy of the nominee's CV. All documentation should be sent to the department chair, who will forward the complete packet to the Graduate School by March 8, 2004.

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

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

1989–1990 Rev. Ernan McMullin  
1990–1991 Lawrence Marsh  
1991–1992 Wilhelm Stoll  
1992–1993 Scott Maxwell  
1993–1994 Joan Aldous  
Francis J. Castellino  
1994–1995 Robert C. Johansen  
Kwang-Tzu Yang  
1995–1996 Jeanne D. Day  
1996–1997 Arvind Varma  
1997–1998 David Leege  
Thomas Mueller

1998–1999 Gail Bederman  
1999–2000 Katherine O'Brien O'Keeffe  
2000–2001 Thomas Nowak  
2001–2002 Cindy Bergeman  
2002–2003 Joan Brennecke

## Research Achievement Award

The Research Achievement Award is awarded annually to honor a distinguished Notre Dame faculty member who has made significant contributions to scholarship in his or her discipline and to the research and education goals of the University.

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

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

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

The award will consist of a plaque and a \$10,000 award placed in a discretionary research account for the recipient's use. The winner will also be recognized in the Commencement program and at the President's faculty dinner.

**Nominations must be received by the vice president for Graduate Studies and Research, 416 Main Building, no later than March 8, 2004.**

## Research Achievement Award Winners

2000–2001 Arvind Varma  
2001–2002 Eugene Ulrich  
2002–2003 Maureen Hallinan

## Faculty Award Nominations Sought

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

Nominations must be received by Joy Vann-Hamilton, assistant provost, 300 Main Building, no later than March 8, 2004.

### Faculty Award Winners Since 1960

1959–1960 Otto Bird  
1960–1961 John Frederick  
1961–1962 Milton Burton  
1962–1963 Stephen Kertesz  
1963–1964 Raymond Gutschick  
1964–1965 Matthew Fitzsimons  
1965–1966 Bernard D. Cullity  
1966–1967 John Magee  
1967–1968 Rev. Charles E. Sheedy, C.S.C.  
1968–1969 Bernard Waldman  
1969–1970 James Massey  
1970–1971 Thomas Stritch  
1971–1972 Ernest Sandeen  
1972–1973 Rev. Ernan McMullin  
1973–1974 Robert E. Rodes Jr.  
1974–1975 Herbert E. Sim  
1975–1976 Ronald Weber  
1976–1977 Walter Miller  
1977–1978 J. Philip Gleason  
1978–1979 K.-T. Yang  
1979–1980 Frederick J. Crosson  
1980–1981 Jeremiah P. Freeman  
1981–1982 Morris Pollard  
1982–1983 James Kohn  
1983–1984 John Malone  
1984–1985 Rudy Bottei  
1985–1986 Rev. David Burrell, C.S.C.  
1986–1987 Paul Weinstein  
1987–1988 Ray Powell  
1988–1989 Robert A. Leader  
1989–1990 Edward J. Murphy  
1990–1991 Eugene Henry

1991–1992 George B. Craig Jr.  
 1992–1993 Lee Tavis  
 1993–1994 Sonia Gernes  
 1994–1995 Ralph McInerney  
 1995–1996 Carol Ann Mooney  
 1996–1997 William B. Berry  
 1997–1998 George S. Howard  
 1998–1999 Frank Reilly  
 1999–2000 John Borkowski  
 2000–2001 Yusaku Furuhashi  
 2001–2002 Jean Porter  
 2002–2003 Francis Castellino

## Reinhold Niebuhr Award Nominations Sought

Rev. Theodore M. Hesburgh, C.S.C., and Chancellor Willy Brandt of West Germany were the first recipients of Reinhold Niebuhr awards sponsored by friends of the Protestant theologian and author. Receiving this award in September 1972, at ceremonies at Union Theological Seminary in New York City, Father Hesburgh announced the establishment of a Reinhold Niebuhr Award at the University of Notre Dame.

This award is made annually to a student, faculty member, or administrator whose life and writings promote or exemplify the area of social justice in modern life. The initial award to Father Hesburgh was \$5,000. This he turned over to the Notre Dame endowment to underwrite an annual cash award of \$250 for the winner of this campus honor. The selection committee includes representatives from the colleges and the Law School, Campus Ministry, Center for Social Concerns, rectors, Ladies of Notre Dame, and the student body. All members of the Notre Dame community are invited to submit recommendations for this award to Joy Vann-Hamilton, assistant provost, 300 Main Building, prior to March 8, 2004.

### Reinhold Niebuhr Award Winners

1973 Msgr. John J. Egan  
 1974 CILA (Community for the International Lay Apostolate)  
 1975 George N. Shuster  
 1976 Rev. Louis Putz, C.S.C.  
 1977 Mr. and Mrs. Arthur Quigley  
 1978 Thomas P. Broden  
 1979 Rev. William Toohey, C.S.C.  
 1980 Rev. Don McNeill, C.S.C.  
 1981 Charles K. Wilber  
 1982 Kenneth and Penny Jameson  
 1983 Julian Pleasants

1984 John W. Houck and  
 Oliver F. Williams, C.S.C.  
 1985 James Sterba  
 1986 John H. Yoder  
 1987 Stephen Worland  
 1988 Denis Goulet  
 1989 Sharon Lynn O'Brien  
 1990 John J. Gilligan  
 1991 Thomas and Nancy Shaffer  
 1992 Patrick E. Murphy  
 1993 John Borkowski  
 1994 Bernard Doering  
 1995 Rev. Richard McCormick, S.J.  
 1996 Rev. William M. Lewers, C.S.C.  
 1997 Rev. Joseph D. Ross, C.S.C.  
 1998 Lee Tavis  
 1999 Robert E. and Jeanne Rodes  
 2000 Kathleen Maas Weigert  
 2001 Dinah Shelton and  
 R. Scott Appleby  
 2002 Rev. Patrick Gaffney, C.S.C.  
 2003 George Lopez

## Grenville Clark Award Nominations Sought

On October 20, 1978, Father Hesburgh was one of three recipients of the Grenville Clark Prize, an award given every three years by the Grenville Clark Fund at Dartmouth College. Following the procedure established when he won the Reinhold Niebuhr Award in 1972, Father Hesburgh donated the \$5,000 Clark stipend to the Notre Dame endowment to underwrite a cash prize of \$250 to be awarded each year. This award is made to a faculty member, administrator, or student whose volunteer activities serve to advance the cause of peace and human rights to which Grenville Clark devoted his extraordinary life of public service. The selection committee includes representatives from the colleges and Law School, Campus Ministry, Center for Social Concerns, rectors, Ladies of Notre Dame, and the student body. All members of the Notre Dame community are invited to submit recommendations for this award to Joy Vann-Hamilton, assistant provost, 300 Main Building, prior to March 8, 2004.

### Grenville Clark Award Winners

1979 Peter Walshe  
 1980 James and Mary Ann Roemer  
 1981 Sr. Judith Ann Beattie, C.S.C.  
 1982 Kenneth W. Milani  
 1983 Peggy Roach  
 1984 The Notre Dame Legal Aid and Defender Association

1985 Cecil and Mary Mast  
 1986 Rev. Robert F. Griffin, C.S.C.  
 1987 Conrad Kellenberg  
 1988 D'Arcy Chisholm and  
 David Link  
 1989 Lloyd and Shelly Ketchum  
 Kevin and Kathy Misiewicz  
 1990 Peter Morgan and  
 Sr. Anne Giarrante, O.S.F.  
 1991 Kathleen Maas Weigert and  
 Delores Tantoco-Stauder  
 1992 Rev. H. Thomas McDermott, C.S.C.  
 1993 Michael and Christine Etzel  
 1994 Bro. Bonaventure Scully, C.F.X.  
 1995 Eugene J. McClory  
 1996 Jennifer A. Morehead  
 Matthew Fitzgerald  
 1997 Thomas V. Merluzzi  
 1998 Jerry and Marge Marley  
 1999 Teresa Phelps  
 2000 Dave Kirkner  
 2001 Roger Jacobs  
 2002 Stephen Silliman  
 2003 Kenneth Hendricks

## Foik Award Nominations Sought

The Rev. Paul J. Foik Award Committee invites nominees for the award, which is given annually to a library faculty member who has contributed significantly to library service to the Notre Dame community or to the library profession through personal scholarship or involvement in professional associations. The award is named for the Holy Cross priest who served as director of Notre Dame's library from 1912 to 1924 and was a leading figure in the library profession in the first quarter of the 20th century. It is among those announced at the President's faculty dinner in May. Previous winners, beginning with the first award in 1991, include Maureen Gleason, Robert Havlik, Joseph Huebner, Rafael Tarrago, Janis Johnston, Charlotte Ames, Dwight King Jr., Stephen Hayes, Katharina Blackstead, Margaret Porter, Lucy Salisbury Payne, Laura Anderson Bayard, and Joanne Bessler.

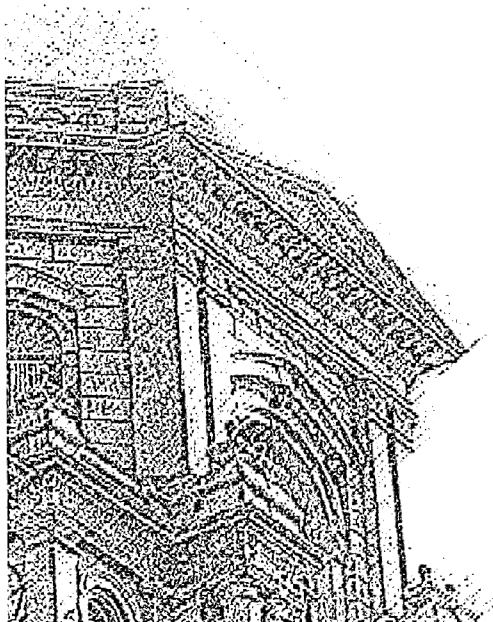
All members of the University Libraries' and Law Library faculty with two or more years' service are eligible. Please send letters of nomination to the Reverend Paul J. Foik Award Committee, c/o Melodie Eiteljorge, 221 Hesburgh Library, by March 8, 2004. Such letters should include reasons for considering the nominee for this award.



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