

Notre Dame Report

Faculty Notes

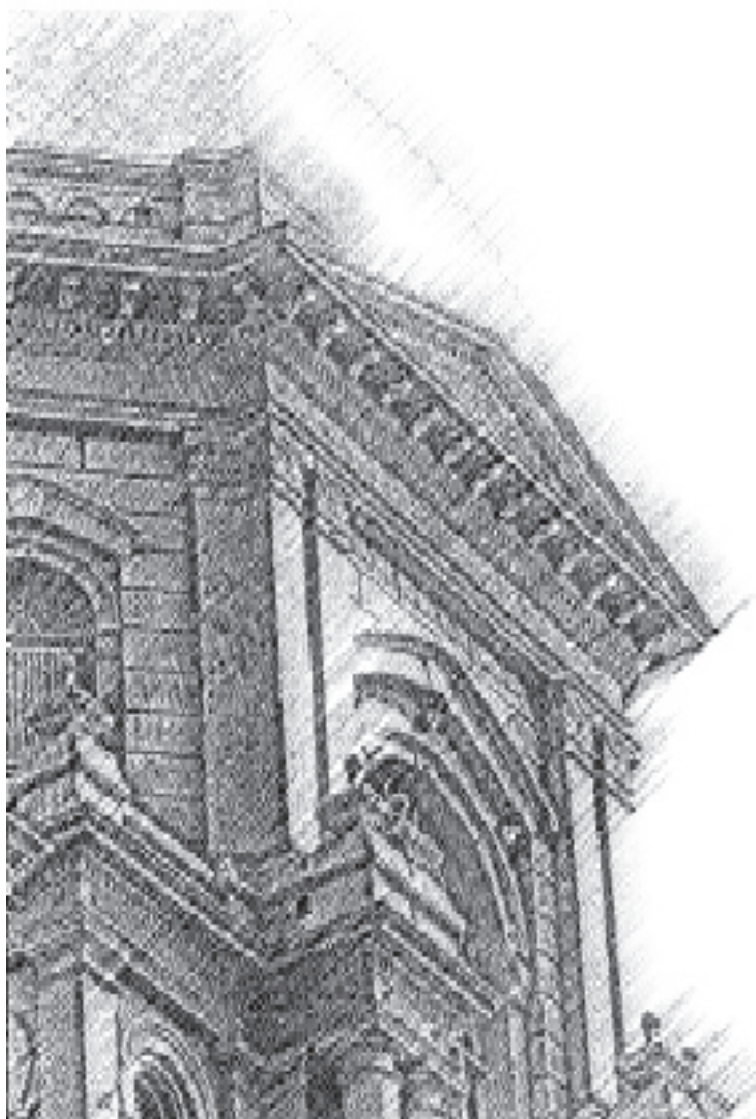
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Faculty Notes

Honors

Leonid Faybusovich, professor of mathematics, has been appointed to serve on the editorial board of the journal *Optimization Letters*.

Edward J. Maginn, professor of chemical and biomolecular engineering, was appointed to the editorial board of the journal *Fluid Phase Equilibria*, published by Elsevier.

Activities

J. Douglas Archer, librarian, presented "The USA PATRIOT Act, Other Legislation and Indiana Libraries" at the Indiana Library Federation Annual Conference in Indianapolis, on April 12.

David M. Bartels, concurrent professor of chemistry and biochemistry and professional specialist in the Radiation Laboratory, presented "Supercritical Water Radiolysis" at the "Supercritical Water Reactor Review Workshop," Albany, N.Y. on March 7; a physical chemistry seminar titled "Some Free Radical Reactions in Hot, Pressurized Water" at the Univ. of Western Ontario, London, Ontario on March 8; and "Low Energy Electron Chemistry Stimulated by Beta, Gamma, and Neutron Radiation in Supercritical Water" at the ACS national meeting, Atlanta, on March 29.

Ian Carmichael, professor of chemistry and biochemistry and director of the Radiation Laboratory, presented "Radiation Chemistry of Aqueous Amino Acids" at the "Fourth International Workshop on X-ray Damage to Biological Crystalline Samples," SPring-8, Japan, March 7–8.

Donald P. Costello, professor emeritus of English, was interviewed in Hollywood on Jan. 28 for a theatrical release documentary film on J.D. Salinger.

Rev. Michael S. Driscoll, associate professor of theology, gave two talks at the Los Angeles Religious Education Congress,

Anaheim, Calif., March 30–April 2: "The Synod of Bishops on the Eucharist and Mission of the Church" and "Eucharist and Social Justice: The Unreformed Closing Rites;" and two presentations to the presbyterate of the Diocese of London, Ontario, Canada, April 10: "Reflections on the Blessing of Chrism" and "Ars Celebrandi and Liturgical Stewardship."

Richard M. Economakis, associate professor of architecture, served as guest critic at the review of Clemson University's Graduate Program in Historic Preservation student proposals for re-urbanizing Marion Square, Charleston, S.C., on March 27; and led the ICA and CA's tour of Greece April 3–10, with a focus on neoclassical and ancient Athens, Hydra, and Corfu.

Stephen A. Fredman, professor and chairperson of the Dept. of English, presented "Grief's Its Proper Mode": Re-Entering Caesar's Gate in 1972," an invited lecture at "(Re):working the Ground: A Conference on the Late Writings of Robert Duncan," State Univ. of New York Buffalo on April 21.

Kevin Hart, the Notre Dame Professor of English, concurrent professor of philosophy, and Fellow of the Nanovic Institute, gave a poetry reading at the College of the Holy Cross (Worcester, Mass.) on April 21, a lecture to the Dept. of English there ("Charles Wright and A.R. Ammons"), and a paper titled "Phenomenality and Christianity" at the "Secular Reason and Religious Reason" conference held there April 21–23.

Prashant V. Kamat, professional specialist in the Radiation Laboratory and concurrent professor of chemical and biomolecular engineering, presented "Nanostructure Architectures for Solar Energy Conversion" at the "International Conference on Nano Science and Technology," New Delhi, India, March 15–18; "Meeting Energy Demand: Nanostructure Architectures for Solar Energy Conversion" at Toyota Central, Nagoya, Japan on March 29; and "Molecularly Wired Nanostructured Assemblies for Solar Energy

Conversion" at symposium on "Supramolecular Photochemistry for Intelligent and Functional Materials," Nagoya Univ., Japan on March 30.

Donald P. Kommers, the Robbie Professor of Political Science and concurrent professor of law, presented "Religion and the Constitution," a Hesburgh Lecture presentation, before the Notre Dame Club of the Jersey Shore, April 11.

Jay LaVerne, professional specialist in the Radiation Laboratory and concurrent research professor of physics, presented the poster "Distribution of Dose in the Radiolysis of Heterogeneous Systems with Brendan Pinto" at the ACS national meeting, March 26–30, in Atlanta.

Edward Maginn, professor of chemical and biomolecular engineering, organized and chaired a session titled "Ionic Liquid Structure Activity Relationships and Modeling" and presented the invited talk "Atomistic Simulation of Ionic Liquids Containing Pyridinium and Triazolium Cations" at the 2006 spring American Chemical Society meeting in Atlanta, March 26; the invited talk "Modeling, Properties and Toxicology of Ionic Liquids" at the workshop "Background, State-of-the-Art and Academic/Industrial Applications" at a special workshop on ionic liquids, Univ. of Alabama, March 23; the invited talk "Atomistic Simulation of Ionic Systems: Application to Ionic Liquids and Nanoporous Ion Exchangers" at the Dept. of Chemical Engineering colloquium, Purdue Univ., West Lafayette, March 28; and the invited talk "Atomistic Simulation of Ionic Systems: Application to Ionic Liquids and Nanoporous Ion Exchangers" at the Dept. of Chemical and Petroleum Engineering colloquium, Univ. of Kansas, Lawrence, April 11.

Dan Meisel, professor of chemistry and biochemistry, and **Getahun Merga**, visiting scholar in the Radiation Laboratory, presented "Irradiation of "Naked" Ag Nanoparticles in Aqueous Solutions," written with **Bratoljub Milosavljevic**, visiting assistant professor in the Radiation Laboratory; G. Lynn; R. Wilson; and **Dan Meisel**, professor of chemistry and biochemistry, at the ACS national meeting, March 26–30 in Atlanta.

Connie Mick, assistant director of the University Writing Center, presented on

the panel “Renegotiating Program-Wide Portfolio Assessment: Building Community through Assessment” at the “Conference of College Composition and Communication,” March 22–25 in Chicago.

Juan Migliore, professor of mathematics, was an organizer (with U. Nagel) of the “Special Session on Combinatorial Algebraic Geometry” at the 106th meeting of the American Mathematical Society at the Univ. of Notre Dame, April 8–9.

Peter Richard Moody Jr., professor of political science, presented a paper on recent relations between the KMT and the Communist Party of China at the 19th annual conference of the Association of Chinese Political Studies, Louisville, March 31 through April 2, where he also chaired a panel.

Leslie L. Morgan, visiting librarian, presented a panel on “Literacy in Indiana Libraries: The New Definition” with **Felicia Smith**, visiting librarian, and presented “Are We Having Fun Yet? Active Learning Techniques Critical for Instructional Success,” both at the 2006 Indiana Library Federation annual conference in Indianapolis, April 11–13.

Rev. Ronald Nuzzi, director, ACE Leadership program, presented a presidential session at the annual convention of the American Educational Research Association titled “Catholic School Schools in the Public Interest: Past, Present, and Future,” San Francisco, April 11; and two sessions titled “Advancing Theory and Practice: Doctoral Dissertations on Catholic Education, 2000–2004” and “Catholic Schools in the USA: An Overview of Recent Research” at the National Catholic Educational Association’s annual convention April 25–26 in Atlanta.

Samuel Paolucci, professor of aerospace and mechanical engineering, gave an invited talk titled “New Ideas in Computational Fluid Dynamics” in the Dept. of Mechanical and Materials Engineering at Florida International Univ., Miami, on March 31.

Simon Pimblott, professional specialist in the Radiation Laboratory and concurrent professor of physics, presented “Role of Low Energy Electrons in Determining the Effects of Ionizing Radiation,” written with **Jay LaVerne**, professional specialist

in the Radiation Laboratory and concurrent research professor of physics, and N.J.B. Green, at the ACS national meeting, March 26–30 in Atlanta.

Dean A. Porter, director emeritus, Snite Museum of Art, delivered the 2006 Hogue-Sponenburg Art Lecture “The Rise and Fall of the Taos Society of Artists,” April 6; “Taos Artists and Their Models,” April 6; and “Victor Higgins: Is He Really an American Master?” at the Hallie Ford Museum of Art, Willamette Univ.; and exhibited watercolors and woodcuts in solo exhibition, “Dean A. Porter: ‘Taos Landscapes.’” Hallie Ford Museum of Art, March 18 through May 20.

Charles M. Rosenberg, professor of art history, chaired two sessions on Renaissance coins and medals at the annual meetings of the Renaissance Society of America in San Francisco, March 23; and presented “The Varieties of Museum Experience” as the 17th annual Harvey Buchanan lecture under the joint sponsorship of Case Western Reserve and the Cleveland Museum of Art at the Gwinn House, Cleveland, April 19.

Yorke M. Rowan, visiting assistant professor of anthropology, organized a workshop with J. Lovell titled “Culture, Chronology and the Chalcolithic: Transitions in the Late Prehistory of the Southern Levant” for the “Fifth International Congress on the Archaeology of the Ancient Near East” held on April 4 in Madrid, Spain.

Steven W. Semes, the Rooney Associate Professor of Architecture, delivered a keynote speech regarding the issue of new construction in the context of historic landmark buildings and districts at the “Traditional Building Exhibition and Conference” in Chicago on April 6, and made a similar presentation to the Historic Preservation Commission of South Bend and St. Joseph County in South Bend on April 29.

Thomas L. Shaffer, the Short Professor of Law Emeritus, led a faculty colloquium on teaching methods at the Washburn Univ. School of Law, Topeka, Kans., on April 10, and taught two classes in legal interviewing and counseling while at the school.

Felicia Smith, visiting librarian, presented “Capturing Literacy Globally: Cultural Literacy, Digital Literacy, and Spiritual Literacy” at the 2006 Indiana Library Federation annual conference in Indianapolis, April 11–13.

Thomas Gordon Smith, professor of architecture, presented “New Museum Architecture” for the Art League of South Bend on April 18; “Stories in Stone from the Ohio Statehouse” for the Columbus Landmarks Foundation, April 27; and a radio interview on WOSU’s *Open Line* program on “Greek Revival and Historic Preservation” on April 27 in Columbus, Ohio.

Julia Adeney Thomas, associate professor of history, served as commentator on a panel titled “Ecology and Japan Studies” organized by R. Okada at the annual Association of Asian Studies conference in San Francisco, April 6–9.

Steve Tomasula, assistant professor of English, presented the invited fiction reading, “*Book of Portraiture*,” at Florida State Univ., Tallahassee, on March 28; an invited reading from his fiction at Central Michigan Univ., Mount Pleasant, on April 4; and the papers “Experimental Writing: The Next Big (small) Thing” and “Postmodern History in Fiction, Now More than Ever” at the AWP Annual Conference, Austin, Tex., March 9–11. He read from *The Book of Portraiture* and presented “When Genres Collide (in Real Time), Or, Truth in Theory and Practice in Truth and Theory in Truth and Practice in Theory and Truth (A Möbius Strip When They Don’t)” at the &NOW Literary Festival, Lake Forest College, April 5–7; and the invited lecture “Meaning in Form/Form in Being” at the School of the Art Institute, Chicago, April 17.

Publications

Geoffrey Bennett, director of the London Law Program, published “Criminal Procedure and Sentencing” in *All England Law Reports Annual Review of 2005* (Butterworths, London, 2006): 170–87.

Susan Blum, director, Center for Asian Studies; Fellow, Kellogg Institute; and associate professor of anthropology, published “In and Out of the Ethnographer’s Shadow: ‘Native’ Identity in the Anthropology of China” in *Reviews in Anthropology* 35 (2006): 79–95.

Bruce A. Bunker, professor of physics, published “Structural Changes and Catalytic Activity of Platinum Nanoparticles Supported on C60 and Carbon Nanotube Films

during the Operation of Direct Methanol Fuel Cells” with I. Robel, G. Grishkumar, and **Prashant V. Kamat**, professor of chemistry and biochemistry, senior scientist in the Radiation Laboratory, and Concurrent professor of chemical and biomolecular engineering, *Applied Physics Letters* 88 (2006): 1–3.

Jianguo Cao, professor of mathematics, published “A New Proof of the Takeuchi Theorem” with **Mei-Chi Shaw**, professor of mathematics, in *Lecture Notes of Seminario Interdisciplinare di Matematica* 4 (2005): 65–72.

Norman Crowe, professor of architecture, published a review of D.W. Orr’s *The Nature of Design: Ecology, Culture, and Human Intention* (Oxford: Oxford Univ. Press, 2002) in *Design Issues* 22, No. 2 (2006).

Guillermo J. Ferraudi, professional specialist in the Radiation Laboratory, published “On the Parallel Formation of Long-Lived Excited States of dipyr[3,2-a:2’3’-c]phenazine, dppz: A Contrast between the Electrochemically and Photochemically Induced Reduction of dppz” with G.T. Ruiz, M.P. Juliarena, R.O. Lezna, and M.R. Feliz, *Journal of Photochemistry and Photobiology A* 179 (2006): 289–97.

Nicole Stelle Garnett, the Lilly Endowment Associate Professor of Law, presented “The Neglected Political Economy of Eminent Domain” at the Northwestern Univ. School of Law faculty workshop series, April 18.

Prashant V. Kamat, professor of chemistry and biochemistry, senior scientist in the Radiation Laboratory, and concurrent professor of chemical and biomolecular engineering, published “Supramolecular Nanostructured Assemblies of Different Types of Porphyrins with Fullerene Using TiO₂ Nanoparticles for Light Energy Conversion” with T. Hasobe, S.I. Hattori, and S.I. Fukuzumi, *Tetrahedron* 62 (2006): 1937–46; and “Extending the Photoresponse of TiO₂ to the Visible Light Region: Photoelectrochemical Behavior of TiO₂ Thin Films Prepared by the Radio Frequency Magnetron Sputtering Deposition Method” with H. Kikuchi, M. Kitano, M. Takeuchi, M. Matsuo, and M. Anpo, *J. Phys. Chem. B* 110, No. 11 (2006): 5537–41.

Edward J. Maginn, professor of chemical and biomolecular engineering, published “Atomistic Simulation of Solid-Liquid Coexistence for Molecular Systems: Application to Triazole and Benzene” with D.M. Eike, *Journal of Chemical Physics* 124 (2006): 164503.

Juan Migliore, professor of mathematics, published “On the first Infinitesimal Neighborhood of a Linear Configuration of Points in p^2 ” with A.V. Geramita and L. Sabourin, *Journal of Algebra* 298, No. 2 (2006): 563–611.

Bratoljub H. Milosavljevic, visiting assistant professor in the Radiation Laboratory, published “Radiolytic Hydrogen Yields in Aqueous Suspensions of Gold Particles” with G. Merga and **Dan Meisel**, professor of chemistry and biochemistry, *J. Phys. Chem. B* 110, No. 11 (2006): 5403–08.

Charles M. Rosenberg, professor of art history, published a review of L.H. Zirpolo’s *Ave Papa Ave Papabile: The Sacchetti Family, Their Art Patronage, and Political Aspirations*, in *Renaissance Quarterly* LIX, No. 1 (Spring): 159–61.

Alan C. Seabaugh, professor of electrical engineering, published “Low-Subthreshold-Swing Tunnel Transistors” with Q. Zhang and W. Zhao, *IEEE Electron Device Letters* 27 (2006): 297–300.

Steven W. Semes, the Rooney Associate Professor of Architecture, published “A

New Sensibility,” a review of the new School of Architecture building at the Univ. of Miami, in *Traditional Building* (April); and “*Le Violon d’Ingres*: Reflections on Architecture and Music” in *American Arts Quarterly* (Spring).

Andrew J. Sommese, the Duncan Professor of Mathematics, published “A Note on P1-Bundles as Hyperplane Sections” with M.L. Fania and M. Beltrametti, *Kyushu J. Math.* 59 (2005): 301–06.

Steve Tomasula, assistant professor of English, published the novel *The Book of Portraiture* (Tallahassee: FC2, 2005) (with design by **Robert Sedlack**, assistant professor of design); the essay “I ALWAYS” in *Rules of Thumb*, M. Martone and S. Neville eds. (Cincinnati: Writer’s Digest Books, 2006): 212–13; and the short story “The Risk-Taking Gene as Expressed by Some Asian Subjects” in *The Year’s Best*, D.G. Hartwell and K. Cramer eds. (N.Y.: EOS/Harper Collins, 2005): 422–52.

Michael R. Welch, associate professor of sociology, published “Christian Religiosity, Self-Control, and Social Conformity” with C. Tittle and H. Grasmick, *Social Forces* 84: (2006): 1605–23.

Administrators’ Notes

Publications

Alan S. Bigger, director of Building Services, published “Lessons from Potholes: The Challenges of Today Pave the Highways of Tomorrow” with L.B. Bigger, *Executive Housekeeping Today* 28, No. 4 (April): 6–8.

Mirco Junker, staff member in chemistry and biochemistry, published “Peraction β -Helix Folding Mechanism Suggests Common Themes for the Secretion and Folding

Autotransporter Proteins” with **Christopher C. Schuster**, staff member in chemistry and biochemistry; A.V. McDonell, K.A. Sort; **Mary C. Finn**, senior research technician in chemistry and biochemistry; B. Berger; and **Patricia C. Clark**, the Clare Boothe Luce Assistant Professor of Biochemistry, *Proceedings of the National Academy of Sciences of the United States of America* 103 (2006): 4918–23.

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