

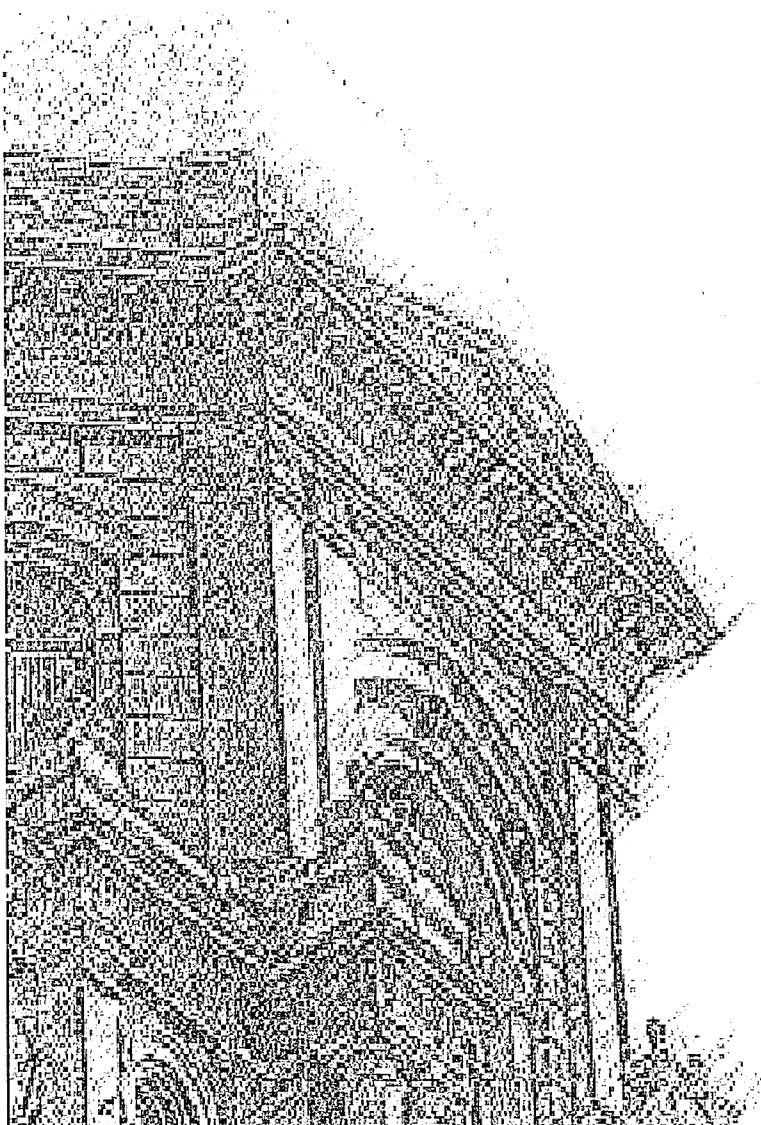
Notre Dame Report

Faculty Notes

51Honors
51Activities
53Publications

Administrators' Notes

55Publications



SEPTEMBER 10, 2004

N U M B E R 2

Faculty Notes

Honors

Kevin J. Christiano, associate professor of sociology, was elected president of the Association for the Sociology of Religion.

Lawrence S. Cunningham, the O'Brien Professor of Theology, was invited to be a fellow of the society of scholars of the Lumen Christi Institute of the Univ. of Chicago.

Maxwell E. Johnson, professor of theology, published *Documents of the Baptismal Liturgy: Revised and Expanded Edition* (London: S.P.C.K., 2003; Collegeville: Pueblo, 2003), which received the Honorable Mention selection in the Reference Books category of the Catholic Press Association's 2004 Book Awards.

Emily Osborn, assistant professor of history, fellow in the Kellogg and Kroc Institutes, was invited to serve a two-year term on the editorial board of *History Compass*, an electronic journal from Blackwell Publishing.

Activities

Dinshaw S. Balsara, assistant professor of physics, presented the invited talk "Divergence-Free Techniques in MHD and AMR-MHD with Applications to Astrophysics" at the "Fifth International Conference on High Energy Density Laboratory Astrophysics," Tucson, Mar. 10-13; and "The Role of Higher Order Schemes in Non-Uniform Convergence of MHD Riemann Problems" at Brown Univ., Providence, R.I., June 22.

David M. Bartels, professional specialist in the Radiation Laboratory, presented "The Hydrated Electron in Hot and Supercritical Water: Spectrum and Solvation Enthalpy" at the Gordon Conference on Water and Aqueous Solutions, Plymouth, N.H., Aug. 1-6.

David Burrell, the Hesburgh Professor of Philosophy and Theology, presented the Maimonides lecture, Cambridge Univ., June 1; "CTSA: Reflections on Abrahamic Faiths and Mission, June 11; "Islam and the West" at Elderhostel, Univ. of Notre Dame, June 14-18; and "Bridge-folk (Mennonite/Catholic)" at St. John's Abbey, Collegeville, Minn., July 30 through Aug. 1.

Kevin J. Christiano, associate professor of sociology, served as convener in a session on "Secularization and Postmodernism" at the annual meeting of the Association for the Sociology of Religion, San Francisco, Aug. 14; was convener and discussant in the session on "Civil Religion and Moral Dialogues" at the same meeting, Aug. 15; and presided at the regular program session on "Public and Private Religions" at the annual meeting of the American Sociological Association, San Francisco, Aug. 17.

Lawrence S. Cunningham, the O'Brien Professor of Theology, presented "On the Dangers of Reading," the Annual Library Lecture, at the Univ. of Dayton, Mar. 7; "Francis of Assisi: Contemplative Peace and Social Peace" at the "Conference on Reconciliation" at Tantur Ecumenical Center (Israel), Mar. 25; "Writing about Francis," the plenary address, to the "Christian Book Sellers and Editors Annual Convention," Saint Charles, Ill., June 4; "The Psalms as Prayer," a spirituality convocation at College of Saint Elizabeth (New Jersey), July 17, and a weeklong course on the theology of prayer at the same college, July 19-24; and the invited paper "Theology and the New Areopagus" at the international meeting of the Ninth General Assembly of Catholic Theological Institutions at the Pontifical Catholic Univ. of Portugal, Lisbon, Aug. 3.

Rev. Brian E. Daley, S.J., the Huisking Professor of Theology, presented "Newman and the Alexandrian Tradition: The 'Veil of the Letter' and the Person of Christ" at a conference on John Henry Newman, England, Aug. 22.

John Duffy, assistant professor of English and director of the Writing Center, presented "'Primitives' and Pencils: The Social Construction of 'Pre-literacy'" at the "11th International Literacy and Education Research Network Conference on Learning," Havana, Cuba, June 27-30.

Keith J. Egan, the Aquinas Chair in Catholic Theology, published "Harvesting the Seeds of Contemplation," *The Merton Annual* 16, ed. by Victor Kramer (2004): 41-55.

Rev. Virgilio P. Elizondo, visiting professor of theology, visiting professor of Latino Studies, and Kellogg Institute fellow, presented "The Cultural Organism: Possibilities for a Cultural Self-Study" at the "International Symposium in Mes-tizaje" at the Univ. of Leuven, Belgium; preached

on the "Seven Last Words of Christ" at the Univ. of Chicago, broadcasted on the WFMT, Chicago, April 7, and again at San Fernando Cathedral, San Antonio, Tex., April 9.

Georges Enderle, the O'Neil Professor of International Business Ethics and Kellogg Institute fellow, chaired the organizing committees of the "Third ISBEE World Congress of Business, Economics, and Ethics," held July 14-17, in Melbourne, Australia, where he gave a welcome at the opening session and chaired the concluding session "Agenda 2004" and presented "Globalization in 15 Minutes."

Thomas A. Gresik, professor of economics and econometrics and Kellogg Institute fellow, presented the invited talk "Efficient Delegation by an Informed Principal" (written with E. Bond) at the "Workshop on Mechanism Design with Budget Constraints" at the "15th Annual Summer Festival of Game Theory," SUNY-Stony Brook, in July.

Rev. Daniel G. Groody, C.S.C., assistant professor of theology, presented "New Horizons in Theology: Towards a Spirituality of Migration," College Theological Society, Washington, D.C., June 5; "Do This in Memory of Me: Immigration and Anemnesis," "Immigration, Labor and Religion Conference," Harvard Divinity School, Cambridge, Mass., May 7; "A Socio-Theological Hermeneutics of Migration: The Option for the Poor and Eucharist," "Humanities and the Option for the Poor Conference," Univ. of Salzburg, Austria, April 24; "Mapping Research Methodologies in Theological Studies," Association of Theological Schools meeting, Pittsburgh, Penn., Feb. 27; "Towards a Spirituality of Migration," Center for Social Concerns, Notre Dame, Feb. 25; "*Juan Diego y el Camino del Inmigrante*" and "Christian Spirituality and Mexican Immigration," "Los Angeles Religious Education Congress," Feb. 22; and "Strangers No Longer: Catholic Social Teaching on Migration," Univ. of Notre Dame, Jan. 22.

Alexander Hahn, professor of mathematics and director of the Kaneb Center, was visiting scholar in the Dept. of Mathematics of the Aristotelian Univ. in Thessaloniki, Greece, June 1-8, where he presented a series of lectures on "From Classical to Recent: A Certain Look at Algebras and Quadratic Forms" titled "Quadratic Algebras as Prototypical Structures," "Mostly Integral Quadratic Forms," and "Clifford Algebras and Their Application."

Bei Hu, professor of mathematics, presented the invited talk "Multi-Scale Problems and Their

Applications" at the "International Conference on 3-Dimensional Computerized Tomography" at Xi-An Jiaotong Univ., China, July 25; an invited talk titled "Blowup Behavior for a Nonlinear Parabolic Equation of Nondivergence Form" at the "International Conference on Elliptic and Parabolic Equations" at Jilin Univ., Changchun, China, July 18; several invited lectures titled "Blowup Estimates for Parabolic Equations and Their Applications" at a special topics seminar at Jilin Univ., July 12-16; an invited talk titled "Stefan Problems" at the "Applied Mathematics Seminar" at Xi-An Jiaotong Univ., July 9; several invited lectures titled "Blowup Estimates for Parabolic Equations and Their Applications" at the seminar on "Applied Partial Differential Equations and Interdisciplinary Research" at Xi-An Jiaotong Univ., July 1-2 and July 5; and an invited talk titled "The Initiation of Angiogenesis of a 1-Dimensional Blood Vessel" at the "10th Anniversary Conference for the Institute of Mathematics, East China Normal Univ., Shanghai, China, June 25.

Maxwell E. Johnson, professor of theology, was a respondent to "Real Stories of Christian Initiation: Lessons for and from the RCIA," a workshop, Center for Continuing Education, Univ. of Notre Dame, July 10; presented "Liturgy and Social Justice," for the theology track of the pre-college summer experience, Notre Dame, June 22; presented "The Virgin of Guadalupe and Anglicans," Holy Trinity Episcopal Church, South Bend, May 26; was a guest homilist, Joint Lutheran-Episcopal Ascension Day Eucharist, St. Paul Episcopal Church, Mishawaka, May 20; and presented "Early Christian Liturgy without Hippolytus of Rome," for a faculty colloquium at Concordia Theological Seminary, St. Louis, May 4.

Encarnación Juárez, assistant professor of Spanish and fellow of the Medieval Institute, presented "*El Mediterráneo: Espacio fronterizo y espacio metafórico en Quevedo*" at the "Seventh Annual Mediterranean Studies Association Conference," Barcelona, Spain, May 29.

Kwan S. Kim, professor of economics and policy studies and Kellogg Institute fellow, presented "Possibilities and Challenges for East Asian Financial Integration," written with S.-H. Kim, at the 11th biannual "Korea-America Economic Association and Korean Economic Association International Conference" at Yonsei Univ., Seoul, Korea, Aug. 11-13, where he also participated in a special policy panel evaluating the government's current macro-economic policies and was invited to join a panel discussion on "Korea's Economic Crisis."

Keith P. Madden, professional specialist in the Radiation Laboratory, presented the poster "Spin Trapping ESR Studies of Free-Radical Processes in Nitramine Environmental Remediation" at the "International EPR Symposium," Denver, Aug. 1-5.

Edward J. Maginn, associate professor of chemical and biomolecular engineering, presented the invited lecture "Design and Evaluation of Ionic Liquids as Novel CO₂ Absorbents" at the National Energy Technology Laboratory, Pittsburgh, Penn., Aug. 18.

Timothy Matovina, associate professor of theology and director of the Cushwa Center for the Study of American Catholicism, presented "*Camino a Emaús: Compartiendo el ministerio de Jesús*" for the Ministry Formation Day, Diocese of Dallas; "*La Historia de la Iglesia*," a course for the Hispanic Summer Program, Jesuit School of Theology at Berkeley; "Theology and Popular Piety in the Borderlands," presentations to the Lasallian Social Justice Institute, El Paso; and "*El Caminar del Galileo*," a series of presentations at the Mexican American Cultural Center, San Antonio.

Rev. Richard P. McBrien, the Crowley-O'Brien Professor of Theology, presented "The Papacy and Ecumenism: Forty Years After Vatican II," for the "Brueggeman Dialogue on the Papacy and Ecumenism" at Xavier Univ., Cincinnati, on Mar. 28; "Jesus and the Church" to Voice of the Faithful - Fall River at Stonehill College in Easton, Mass., May 1; "Being Catholic in a Time of Change," for the Dr. Ken Hamilton Luncheon Forum at Walsh Univ., North Canton, Ohio, on May 13; participated in a panel on "*The Da Vinci Code*" for alumni weekend at the Hesburgh Center Auditorium, Notre Dame, June 4; presented "The Uses of Power and Authority in the Church" to Voice of the Faithful - Southeastern Wisconsin at St. Elizabeth Ann Seton Church in New Berlin, June 5; appeared on *The O'Reilly Factor* on FOX-TV on April 15 regarding "Should Senator Kerry Receive Communion?"; and appeared on WBUR Radio in Boston's *On Point* to discuss "Pro-Choice Catholic Politicians," April 27.

Rev. John P. Meier, the Warren Foundation Professor of Catholic Theology, participated in an international conference on ecumenism among Protestants, Anglicans, Catholics, and Eastern Orthodox at the Farfa Center outside Rome, Italy, May 12-15, where he gave a lecture on "The Petrine Ministry in the New Testament and the Early Patristic Period," to be published in a forthcoming issue of the periodical *Il Regno*.

Lenny Moss, assistant professor of philosophy and of history and philosophy of science and Nanovic Institute fellow, presented "From Genomics Back to Herder: Decomposing the Gene Concept and Recomposing Human Evolution" at the "Max-Planck-Institut Für Wissenschaftsgeschichte," Berlin, Aug. 3; "Decomposition, Detachment, Biological Agency and the Meaning of the Phenotype" at the "Institute for Formal Ontology and Medical Information Science," Faculty of Medicine, Univ. of Leipzig, July 28; "Human Nature, Habermas and the Anthropological Framework of Critical Theory," Univ. of Dortmund, Germany, July 14; "Reflections on the Evolution of Human Subjectivity" at the "Kulturwissenschaftliches Institut, Essen, Germany, July 13; "The Concept of the Gene and the Future of the Phenotype" at the Univ. of Marburg, Germany, July 8; and "The Concept of the Gene and the Evolution of Openness to the World" at the "Fourth Gathering in Biosemiotics," Prague, July 1-5.

Glen Neibur, assistant professor of aerospace and mechanical engineering, presented "Evolutionary Model for Bone Adaptation Using Cellular Automata" with A. Tovar and **John E. Renaud**, professor of aerospace and mechanical engineering, at the "14th Conference of the European Society of Biomechanics in 2003 (ESB2004)," Division of Biomechanics and Tissue Engineering of the Dept. of Biomedical Engineering of the Eindhoven Univ. of Technology, Hertogenbosch, Netherlands, in August.

Emily Osborn, assistant professor of history, fellow in the Kellogg and Kroc Institutes, presented the invited lecture "Guinea: History, Culture, Society," the Ambassadorial Seminar on Guinea, Bureau of Intelligence and Research, U.S. Dept. of State, Arlington, Va., July 12; the invited lecture "The Rubber Trade in Guinée Française" at the "Ideologies of Plantation Agriculture Workshop," Watson Institute for International Studies, Brown Univ., Feb. 20; and a lecture for Black History Month, "History and Society in Sierra Leone," Trinity School, South Bend, Feb. 12.

Samuel Paolucci, professor of aerospace and mechanical engineering, presented the papers "Heat Transfer and Fluid Flow in a Furnace Using the Non-Boussinesq Approximation," written with J. Kamel, and "An Adaptive Wavelet Method for the Incompressible Navier-Stokes Equations in Complex Domains," written with D. Wirasaet, at the "ASME Heat Transfer/Fluids Engineering Summer Conference," Charlotte, N.C., July 11-15.

Catherine Perry, associate professor of French and Francophone studies, prepared the program

for and presided over the "18th Annual Conference of the *Conseil International d'Études Francophones*," in Liège, Belgium, June 19–27.

Joseph M. Powers, associate professor of aerospace and mechanical engineering, presented a poster titled "An Eigenvalue-Based Estimate of Reaction Zone Thicknesses in Gas Phase Detonations" at the "30th International Symposium on Combustion," Univ. of Illinois at Chicago, July 25–30.

Steven T. Ruggiero, professor of physics, worked at the National Institute of Standards and Technology as an affiliate with the Nano-Scale Cryoelectronics Division, June 7 to Aug. 15; and presented the seminar "Superconducting Energy Gap Suppression by Resonant Scattering and Practical Applications of AlMn alloys" at Yale Univ., Aug. 20.

Thomas Gordon Smith, professor of architecture, presented "Vitruvius on Architecture" to the Dept. of Art History, College of Charleston, S.C., Sept. 2; "Two Views of Contemporary Church Architecture" at Clear Creek Benedictine Monastery in Hulbert, Okla., Apr. 19; "Vitruvius and Hellenistic Architecture" to the Midwest Art History Society, Univ. of Notre Dame, Apr. 2; "Vitruvius and Contemporary Architecture" to the Southeast Chapter of the Institute of Classical Architecture/Classical America at the Piedmont Driving Club in Atlanta, Ga., Mar. 27; and "The Revival of Classicism in Contemporary Architecture" to the AIA of Eastern Oklahoma in Tulsa, Mar. 2.

Andrew Sommese, the Duncan Professor of Mathematics, presented the invited talk "Numerical Decomposition of the Intersection of Algebraic Varieties" at the Univ. of Saarlandes, Saarbrücken, Germany, July 19.

Michael M. Stanisic, associate professor of aerospace and mechanical engineering, presented the paper titled "The Singular Planes of the Articulated Arm-Subassembly," written with C.M. Goehler, at the "Ninth International Meeting of Advances in Robot Kinematics," Sestri Levante, Italy, June 28 through July 1.

Yang Sun, visiting associate professor of physics, presented "Status of the Nuclear Astrophysics Research" at Xuzhou Normal Univ., Xuzhou, China, June 25.

G.N.R. Tripathi, professional specialist in the Radiation Laboratory, presented "Effect of Ionic Modification of the Hydration Shell of an Amine Radical on Its Resonance Raman Spectrum" and a poster titled "Vibrational and Electronic Excited State Properties of Molecules and

Radicals on Metallic Interfaces" with D. Sheehan and M. Clements at the "Gordon Research Conference on Vibrational Spectroscopy," Bristol, R.I., July 9–17.

Eugene Ulrich, the O'Brien Professor of Theology, presented two invited lectures at the Univ. of Warsaw: "The Impact of the Dead Sea Scrolls on Our Bible," and "The Text and Canon of the Hebrew Scriptures at the Time of Hillel and Jesus," May 10–11; and presented a Hesburgh lecture, "The Impact of the Dead Sea Scrolls on Our Bible," for the Notre Dame Club and incoming first-year students, Wichita, Kans., Aug. 11.

Michael Wiescher, the Freimann Professor of Physics, presented the invited talk "Pycnonuclear Reactions in the Crust of Accreting Neutron Stars" at the workshop on "Physics of Accreting Neutron Stars," Santa Barbara, Calif., in April; the seminar "Outreach Research Opportunities in the Nuclear Laboratory," at QUARKNET, Notre Dame, in May; and the invited talk "Experimental Challenges in Nuclear Astrophysics" at the "INCP 2004 Conference," Goeteborg, Sweden, in July.

Sophie White, assistant director of the program in Gender Studies, chaired and organized a two-day international conference "Dress and Gender" at the Courtauld Institute of Art, Univ. of London, July 2–3; jointly organized (with F.J. Teute) a workshop for the Omohundro Institute of Early American History and Culture conference on "Apprehending the Material World in Early Modern Britain and America," Huntington Library, May 20; and presented "'Dressed in the French Manner': Illiniwek Wives of Frenchmen in the Illinois Country during the French Regime" at the "Ninth Annual Harvard International Seminar in the History of the Atlantic World on Indigenous Cultures, 1500–1825: Adaptation, Annihilation, or Persistence?" at Harvard Univ., Aug. 2–10.

Publications

Brian M. Baker, assistant professor of chemistry and biochemistry, published "Strategic Mutations in the Class I Major Histocompatibility Complex HLA-A2 Independently Affect Both Peptide Binding and T. Cell Receptor Recognition" with T.K. Baxter, S.J. Gagnon, R.L. Davis-Harrison, J.C. Beck, A.-K. Binz, R.V. Turner, and W.E. Biuddison, *The Journal of Biological Chemistry* 43 (2004): 5902–5911; and "Full-Length Influenza Hemagglutinin HA₂ Refolds into the Trimeric Low-pH-Induced Conformation"

with S.E. Swalley, L.J. Calder, S.C. Harrison, J.J. Skehel, and D.C. Wiley, *Biochemistry* 43 (2004): 5902–5911.

Gerard Baumbach, professional specialist in the Institute for Church Life, published "Cultivating Rich Soil: Forming a New Generation of Catechetical Leaders," *Catechetical Leader* 15, No. 2 (June 2004): 6–7+.

Howard A. Blackstead, professor of physics, published "Magnetic Resonance of Cu and of Gd in Insulating GdSr₂Cu₂NbO₈ and in Superconducting GdSr₂Cu₂RuO₈" with J.D. Dow, Z.F. Ren, and D.Z. Wang, *JETP Letters* 80, No. 3 (2004): 216–220; and "Neutron Diffraction Studies of Magnetic and Superconducting Compounds" with W.B. Yelon, Q. Cai, W.J. James, H.U. Anderson, J.B. Yang, and X.D. Zhou, *Physica Status Solidi (a)* 201, No. 7 (2004): 1428–1435.

Rev. Paul F. Bradshaw, professor of theology, published "Who Wrote the Apostolic Tradition? A Response to Alistair Stewart-Sykes," *St. Vladimir's Theological Quarterly* 48 (2004): 195–206.

Lawrence S. Cunningham, the O'Brien Professor of Theology, published "Francis Naked and Clothed," in *Francis of Assisi: History, Hagiography, and Hermeneutics*, ed. Jay Hammond (Nyde Park, NY: New City Press, 2004): 165–178; "Alone Among Many," *Notre Dame Magazine* (Spring, 2004): 51–53; "Four American Catholics and Their Chronicler," *Horizons* 31, No. 1 (Spring): 113–117; *Saint Francis of Assisi*, (Grand Rapids: Eerdmans, 2004): 160 pp.; "Christos Mystikos: Jesus Christ and the New Millennium," in *Who Do You Say I Am: Confessing the Mystery of Christ*, ed. John Cavadini, chair and associate professor of theology, and director, Institute for Church Life (Notre Dame: Univ. of Notre Dame Press, 2004): 237–249; "Religion Booknotes," *Commonweal* cxxxi (June 4): 28–30; "Born of a Woman (Galatians 4:4): A Theological Meditation," in *Mary: Mother of God*, ed. C. Braaten and R. Jensen (Grand Rapids: Eerdmans, 2004): 36–48; and a review of R. Williams' *The Dwelling of the Light and Merton and Judaism in Cistercian Studies Quarterly* 39, No. 3 (2004): 343–345 and 354–355.

John Duffy, assistant professor of English and director of the Writing Center, was a principal writer for *The Hmong: An Introduction to Their History and Culture* (Washington, D.C.: Center for Applied Linguistics, 2004).

Keith Egan, adjunct professor of theology, published two lectures on audio cassette: "From the Wadi to San Jose: Teresa of Avila's Renewal of Contemplative Prayer" and "John of the Cross

through the Eyes of Edith Stein" (Washington, D.C.: The Institute for Carmelite Studies, 2004).

Georges Enderle, the O'Neil Professor of International Business Ethics and Kellogg Institute fellow, edited "Special Section: Religious Resources for Business Ethics in Latin America," *Latin American Business Review* 4, No. 4 (2003), with introduction); and *Improving Globalization*, with C. Arruda (Rio de Janeiro: Editora FGV, 2004), with introduction; edited *Symposium on Business Ethics Scholarship and Teaching in Catholic Environments*, July 28–30, 2003 at the University of Notre Dame, Indiana, USA, proceedings, with **Patrick E. Murphy**, the Smith Professor of Marketing and Nanovic Institute fellow (Notre Dame: Mendoza College of Business, 2004); published "The Ethics of Financial Reporting, the Global Reporting Initiative, and the Balanced Concept of the Firm" in G.G. Brenkert, ed., *Corporate Integrity and Accountability* (Thousand Oaks, CA: Sage, 2004): 87–99; and "Business Ethics and Wealth Creation: Is There a Catholic Deficit?" *Occasional Papers of the Erasmus Institute* (Univ. of Notre Dame, July 2004).

Umesh Garg, professor of physics, published "Excitation Energies and Spins of the Yrast Superdeformed Band in ^{191}Hg " with S. Siem, et al., *Physical Review C* 70 (2004): 014303 (10 pp.); and "Lifetime Measurements of Microsecond Isomers in the N=48 Nuclei ^{88}Zr and ^{90}Mo using Recoil-Isomer Tagging" with A. Chakraborty, et al., *ibid.* 70 (2004): 014311 (7 pp.).

Richard W. Garnett, associate professor of law, published "Keep it to Yourself" in *Commonweal* (Aug. 13); and "Christian Witness, Moral Anthropology, and the Death Penalty" in *Religion and the Death Penalty: A Call for Reckoning* (Eerdman's Publishing Co., 2004).

Rev. Daniel G. Groody, C.S.C., assistant professor of theology, published "Cruzando a linha, um olhar de fé sobre a fronteira eua-mexico," *Travessia* (2004); "Crossing the Line: A Spiritual View of the US/Mexican Border," *The Way* (April); "Migration and Theology: A Reflection on God's Reign for God's Poor (Essay in Honor of Aloysius Pieris)," *Sri Lanka: Ecumenical Institute for Study and Dialogue* (July); "The Drama of Immigration and the Cry of the Poor" in *'Alambrista' and the US-Mexico Border: Film, Music and Stories of Undocumented Immigrants*, ed. by D. Carrasco and N. Cull, (Univ. of New Mexico Press, 2004); "Do This in Memory of Me: Immigration, the Eucharist and the Option for the Poor," Univ. of Salzburg, *Option for the Poor and the Humanities Book*; a review of *Horizons of the Sacred* by **Timothy Matovina**,

associate professor of theology and director of the Cushwa Center for the Study of American Catholicism, and G. Riebe Estrella, *Theological Studies*; and translations of *Border Fronteira de Morte e Vale de Vida: Caminhada de Coração e Espírito do Imigrante* (Ediciones Paulinas, Sao Paulo, Brazil) and *Frontera de Muerte, Valle de Vida: Un Caminar del Inmigrante Mexicano* (Mexico City: Editorial San Pablo).

Kevin Hart, professor of English and Nanovic Institute fellow, published "Going to University with Socrates," *Thinking Difference: Critics in Conversation*, ed. J. Wolfreys (New York: Fordham Univ. Press, 2004): 111–118.

Maxwell E. Johnson, professor of theology, published a review of W.S. Kervin's *The Language of Baptism: A Study of the Authorized Baptismal Liturgies of the United Church of Canada, 1925–1995*, Drew Univ. Studies in Liturgy Series, 10 (Lanham, Md.: The Scarecrow Press, Inc., 2003) in *Worship* 78, No. 4 (2004): 373–374; and "Homily for the Annunciation of Our Lord" in *Sanctus: "Mary, Mother of our Lord,"* a newsletter of the Worship Committee of the Indiana-Kentucky Synod of the Evangelical Lutheran Church in America (June, 2004): 8–9.

Edward J. Maginn, associate professor of chemical and biomolecular engineering, published "A Monte Carlo Simulation Study of the Ionic Liquid 1-n-Butyl-3-Methylimidazolium Hexafluorophosphate: Liquid Structure, Volumetric Properties, and Infinite Dilution Solution Thermodynamics of CO_2 " with J.K. Shah, *Fluid Phase Equilibria* 222–223 (2004): 195–203; "Why is CO_2 So Soluble in Imidazolium-Based Ionic Liquids?" with C. Cadena, J.L. Anthony, J.K. Shah, T.I. Morrow, and **Joan F. Brennecke**, the Keating-Crawford Chair of Chemical and Biomolecular Engineering, *Journal of the American Chemical Society* 126 (2004): 5300–5308; "Liquid Phase Behavior of Imidazolium-Based Ionic Liquids with Alcohols" with J.M. Crosthwaite, **Sudhir N.V.K. Aki**, assistant research professor of chemical and biomolecular engineering, and **Joan F. Brennecke**, *Journal of Physical Chemistry B* 108 (2004): 5113–5119; and "Feasibility of Using Ionic Liquids for Carbon Dioxide Capture" with J.L. Anthony, **Sudhir N.V.K. Aki**, and **Joan F. Brennecke**, *International Journal of Environmental Technology and Management* 4 (2004): 105–115.

Lawrence C. Marsh, associate professor of economics and econometrics, published "Bayesian Solutions to Graduate Admissions and Related Selection Problems" with A. Zellner, *Journal of Econometrics*, 121, No. 2 (August): 405–426.

Rev. Richard P. McBrien, the Crowley-O'Brien Professor of Theology, published *Lives of the Popes in Polish as Leksykon Papiezy: Pontyfikaty od Piotra Apostola do Jana Pawla II* (Warsaw: Swiat Ksiazki, 2003); contributed "Is it Sinful to Engage in Sex within Marriage?" to *Secrets of the Code: The Unauthorized Guide to the Mysteries Behind the Da Vinci Code*, D. Burstein, ed. (New York: Squibnocket Partners LLC, 2004): 59–60; published a review of *Dictionary of Popes and the Papacy* by B. Steimer and M.G. Parker in *The Jurist* 62, No. 2 (2004): 430–431; and a review of *Inside: A Public and Private Life* by J.A. Califano Jr., in *National Catholic Reporter* 40, No. 33 (July 2): 18.

Rev. Jerome H. Neyrey, S.J., professor of theology, published *Render to God: New Testament Understandings of the Divine* (Minneapolis: Fortress, 2004).

Samuel Paolucci, professor of aerospace and mechanical engineering, published "Heat Transfer and Fluid Flow in a Furnace using the Non-Boussinesq Approximation" with J. Kamel, *Proceedings of HT-FED04 2004 ASME Heat Transfer/Fluids Engineering Summer Conference* (on CD), Paper # 56466, S. Konecni, C. Ammerman, and I. Yavuz, eds. (New York: ASME, 2004): 1–6; and "An Adaptive Wavelet Method for the Incompressible Navier-Stokes Equations in Complex Domains" with D. Wirsatet, Paper #56317, S. Roy, D.R. Reddy, and M. Visbal, eds. *ibid.*: 1–13.

Jeffrey W. Peng, assistant professor of chemistry and biochemistry, published "NMR Experiments for Lead Generation in Drug Discovery," written with J. Moore and N. Abdul-Manan, in *Progress in Nuclear Magnetic Resonance Spectroscopy* 44 (2004): 225–256.

John E. Renaud, professor of aerospace and mechanical engineering, published "Reliability-Based Design Optimization Using Response Surfaces in Application to Multidisciplinary Systems" with H. Agarwal, *Engineering Optimization* 36, No. 3 (June): 291–311; "Uncertainty Quantification Using Evidence Theory in Multidisciplinary Optimization" with H. Agarwal, E. Preston, and D. Padmanabhan, *Reliability Engineering and System Safety* 85, Nos. 1–3 (July–September): 281–294; published and presented "An rSQP Approach for a Single-Level Reliability Optimization" with V.M. Perez, and M.S. Eldred, *Proceedings of the Ninth ASCE Joint Specialty Conference on Probabilistic Mechanics and Structural Reliability, Albuquerque, NM, July 26–28*; "Decoupled Methodology for Probabilistic Design Optimization" with H. Agarwal, *ibid.*;

and "Investigation of Reliability Method Formulations in DAKOTA/UQ" with M.S. Eldred, H. Agarwal, V.M. Perez, and S.F. Wojtkiewicz Jr., *ibid.*

Mark W. Roche, the O'Shaughnessy Dean and Joyce Professor of German Language and Literature, published "Größe und Grenzen von Hegels Theorie der Tragödie" and "Hegels Theorie der Komödie im Kontext hegelianischer und moderner Überlegungen zur Komödie," *Jahrbuch für Hegelforschung* 8/9 (2002/2003): 53–81 and 83–108.

W. Robert Scheidt, the Warren Professor of Chemistry and Biochemistry, published "Boron-Complexation Strategy for Use with 1-Acyldipyrrromethanes" with K. Muthukumaran, M. Ptaszek, B. Noll, and J.S. Lindsey, *Journal of Organic Chemistry* 69 (2004): 5354–5364.

Slavi C. Sevov, professor of chemistry and biochemistry, published "Reversible Repositioning of Zinc Atoms within Single Crystals of a Zinc Polycarboxylate with an Open-Framework Structure" with K. Hanson, N. Calin, D. Bugaris, and M. Scancella, *Journal of American Chemical Society* 126 (2004): 10502–10503.

Thomas Gordon Smith, professor of architecture, published "Church Architecture and Full and Active Participation," *Adoremus Bulletin* (Apr/May). His architectural works were published by A.C. Marek in "Blueprints for the Ages: Why Greek Architecture has Lasted for Over 2,000 Years," *U.S. News & World Report Special Edition* (August) by L. Lazzaroni in "American Architecture Goes Classic," *Casa Vogue* (June); by K.A. O'Connell in "Divine Intervention," *Traditional Building* (Nov/Dec. 2003); by J. Bemis in "The Catholic Faith Set in Stone," *The Wanderer* (Feb. 5); by H. Strasburg in "Romanesque in Oklahoma," *Traditional Building* (Jan/Feb.); by M. Carey in "2004 Roundtable: Classicism and

the American Architectural Tradition," *ibid.*; and by C. Labine in "Ten Reasons to Speak Classically," *ibid.*

Dennis M. Snow, professor of mathematics, published "Bounds for the Anticanonical Bundle of a Homogeneous Projective Rational Manifold," *Documenta Math.* 9 (2004): 251–263.

Michael M. Stanisic, associate professor of aerospace and mechanical engineering, published "A Generalized Parameterization of T1 Motion and Its Application to the Synthesis of Planar Mechanisms" with C.M. Goehler and V.M. Perez, *Mechanism and Machine Theory* 39, No. 11 (2004): 1223–1244.

Kay L. Stewart, associate professional specialist and associate director of the Freimann Life Science Center, published "Brine Shrimp Dispenser" with Patricia Skibins, laboratory animal technician, and Deborah Bang, supervisor, Animal Housing Preparation, of the Freimann Life Science Center, in *Contemporary Topics in Laboratory Animal Science* 43, No. 4 (2004): 33–34.

Eugene Ulrich, the O'Brien Professor of Theology, published the Chinese translation of "The Tradition in Theological Reflection—Scripture and the Minister," in J.D. Whitehead and E.E. Whitehead, *Method in Ministry: Theological Reflection and Christian Ministry* (Hong Kong: Holy Spirit Press): 18–35.

Michael Wiescher, the Freimann Professor of Physics, published "Models for Type I X-Ray Bursts with Improved Nuclear Physics" with S.E. Woosley, A. Heger, A. Cumming, R.D. Hoffman, J. Pruet, T. Rauscher, J.L. Fisker, H. Schatz, and B.A. Brown, *The Astrophysical Journal Supplement Series* 151 (2004): 75–102; "The Nuclear Reaction Waiting Points: ^{22}Mg , ^{26}Si , ^{30}S , and ^{34}Ar and Bolometrically Double-Peaked Type I X-Ray Bursts" with J.L. Fisker and F.-K. Thielemann, *The Astrophysical Journal*

608 (2004): L61–64; "Using a Wide-Beam Ion Source to Produce Large Area Sputtered Films for Low-Energy Laboratory Studies of Alpha Capture Cross-Sections" with J.P. Greene and M. Paul, *Nuclear Instruments and Methods in Physics Research A* 521 (2004): 12–16; "Nuclear Astrophysics and Nuclei Far from Stability" with K. Langanke and F.-K. Thielemann, *Lect. Notes Phys.* 651 (Berlin, Heidelberg: Springer-Verlag, 2004): 383–467; "Spectroscopic Factors from Direct Proton Capture" with C. Iliadis, *Physical Review C* 69 (2004): 064305 (13 pp.); and "Revidierte Energieausbeute" with K. Langanke, *Physik Journal* 3, No. 7 (2004): 18–19.

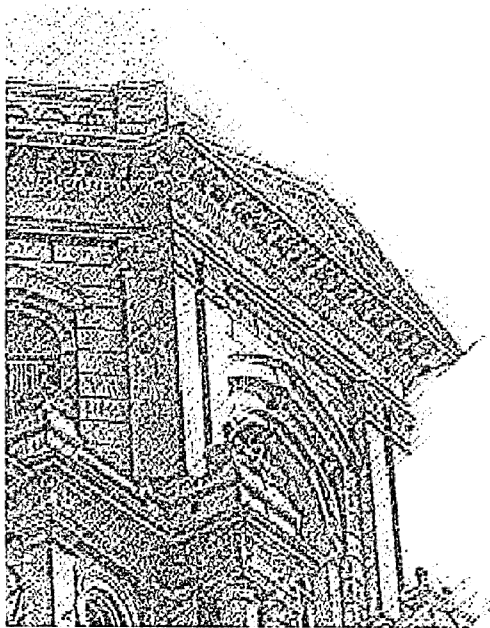
Sophie White, assistant director of the program in Gender Studies, published "'This Gown ... was Much Admired and Made Many Ladies Jealous': Fashion and the Forging of Elite Identities in French Colonial Louisiana," in *George Washington's South*, edited by G. O'Brien and T. Harvey (Gainesville: Univ. Press of Florida, 2005): 86–118; and "'Wearing Three or Four Handkerchiefs Around his Neck, and Elsewhere about Him': Slaves' Constructions of Masculinity and Ethnicity in French Colonial New Orleans," *Gender and History* 15, No. 3 (Nov. 2003): 528–549 (special issue on African Diasporas).

Administrators' Notes

Publications

Alan S. Bigger, director of Building Services, published "The Dragon at Our Gate: How to Respond to Dragons, Part III" with L.B. Bigger, *Executive Housekeeping Today* 25, No. 8 (2004): 7–8+.

Notre Dame Report



Volume 34, Number 2

September 10, 2004

Notre Dame Report is an official publication published fortnightly during the school year, monthly in the summer, by the Office of the Provost at the University of Notre Dame.

Notre Dame Media Group
502 Grace Hall
Notre Dame IN 46556-5612
e-mail: ndreport.1@nd.edu

© 2004 by the University of Notre Dame
Notre Dame IN 46556.

All rights reserved.