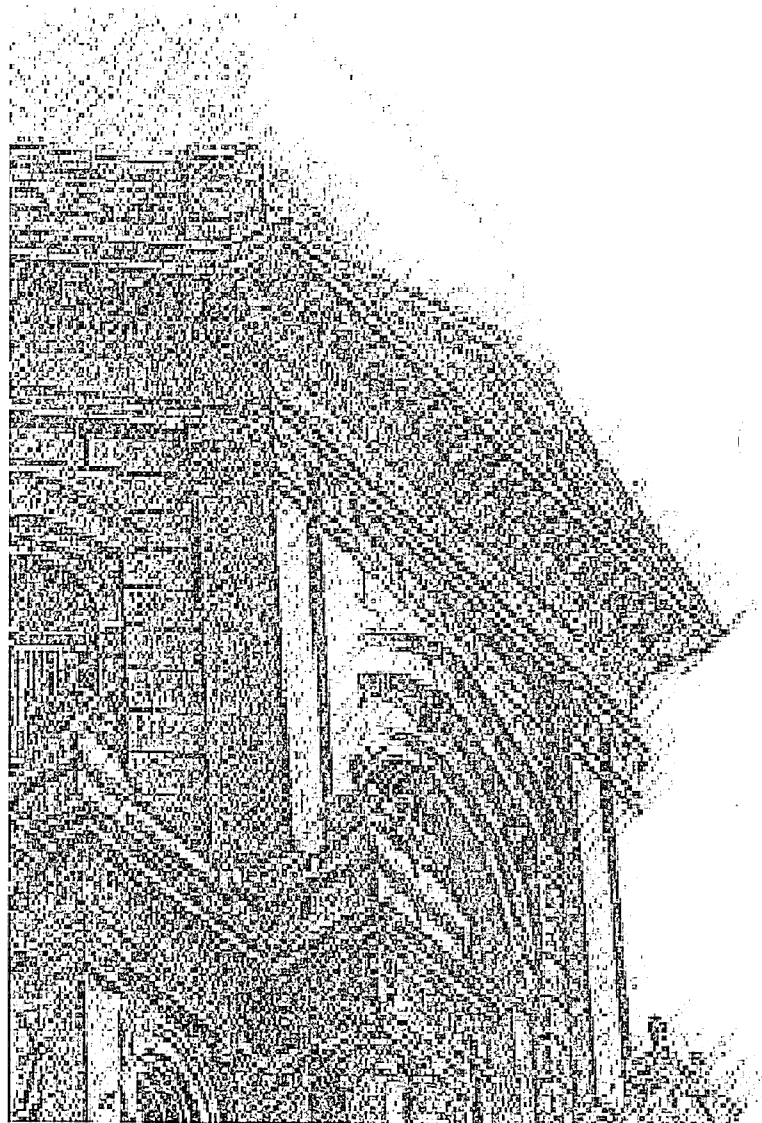


Notre Dame Report



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DECEMBER 12, 2003

N U M B E R 8

The University

Gigot Center Honored

The Gigot Center for Entrepreneurial Studies received the NASDAQ Entrepreneurial Excellence Award in recognition of the unique achievements and outstanding efforts of the center. Previous honorees include Columbia Univ., Cornell Univ., Carnegie-Mellon Univ., the Univ. of Maryland, and the Univ. of Virginia.

Kroc Gift Largest in University History

Joan B. Kroc, benefactor of the Joan B. Kroc Institute for International Peace Studies, has bequeathed to the institute \$50 million dollars, the largest gift in University history. Mrs. Kroc, who died Oct. 12 at her home in Rancho Santa Fe, Calif., was 75.

Her gift will establish the Rev. Theodore M. Hesburgh, C.S.C., Fund for Graduate Peace Studies at the institute, to enhance the graduate program through the addition of staff and faculty with expertise in peace studies and the development of classroom education and clinical training.

National Science Advisory Committee of Visitors to the Dept. of Energy, Washington, D.C., 2003–04, a member of the review panel of the Helmholtz Society Program (Germany) on “Physics of Hadrons and Nuclei,” 2003–04, and a member of the Program Advisory Committee of the Institute for Nuclear Theory, 2003–06.

Jennifer A. Younger, the Arnold Director of University Libraries, was elected chair of the Academic Libraries of Indiana, the membership of which is comprised of approximately 70 public and private university and college libraries in Indiana; and was appointed chair of the Center for Research Libraries Strategic Membership Initiatives Task Force.

Activities

Panos J. Antsaklis, the Brosey Professor of Electrical Engineering and director of the Center for Applied Mathematics, organized and moderated a conference-wide panel discussion on “Intelligent Control Imitating Biology: Promises, Challenges, and Lessons” at the 18th IEEE International Symposium on Intelligent Control, Houston, Oct. 7.

Matthew J. Barrett, professor of law, presented “Trojan Horses and the Auditor Independence Provisions in Sarbanes-Oxley” during a symposium on “In the Wake of Corporate Reform: One Year in the Life of Sarbanes-Oxley—A Critical Review” at Michigan State Univ.-DCL College of Law, Sept. 19.

Gerard Baumbach, professional specialist in the Institute for Church Life and concurrent professor of theology, presented “Spirituality of the Catechist: Faithful Witness” and “The Baptismal Catechumenate: Inspiration for Catechesis” at the Faith Formation Conference of the Archdiocese of San Francisco and Diocese of San Jose, Sept. 27.

Gail Bederman, associate professor of history, presented the fall Herbert P. Lefler Lecture at Carleton College, Northfield, Minn., titled “A New Look at Frances Wright and Nashoba: Race, Slavery and One Woman’s Political Activism, 1824–1827” on Oct. 23; a full-length pre-circulated paper “Revisiting Frances

Faculty Notes

Honors

Thomas F. Broden, professor emeritus of law, was inducted into the South Bend Community Hall of fame for his exemplary service to the area.

Michael S. Driscoll, associate professor of theology, was re-elected at the August congress in Eindhoven, Netherlands, to a four-year term on the council of the Societas Liturgica, an international and ecumenical learned society of liturgists.

Abbot Astrik L. Gabriel, director and professor emeritus of the Medieval Institute and director of the Folsom Ambrosiana Microfilm and Photographic Collection, received an honorary degree from Pazmany Peter Catholic Univ., Budapest, in Notre Dame, Nov. 17.

Dirk M. Guldi, associate professional specialist in the Radiation Laboratory, received the SPP/JPP Young Investigator Award for

2004 from the Society of Porphyrins and Phthalocyanines.

Richard Jensen, guest professor of biological sciences, was elected to a third term on the board of directors of the International Oak Society and continues to serve as membership director for the society.

Pamela A. Krauser, professional specialist in the Graduate School, was awarded the Rod Rose Award for best article in *The Journal of Research Administration*, Oct. 20.

Rudolph M. Navari, associate dean, College of Science, and director of the Walther Cancer Research Center, was appointed to the National Cancer Institute’s PDQ Supportive Care editorial board. The purpose of the board is to review new cancer information and to update the National Cancer Institute’s cancer information summaries for the public and health care professionals.

Michael Wiescher, the Freimann Professor of Physics, was appointed a member of the

Wright's *Nashoba: Race, Slavery and One Woman's Political Activism, 1824–1827*" to the Comparative Gender History Seminar, Univ. of Minnesota, Minneapolis, Oct. 24; and was a commentator on a panel on "Birth Control: Networks and Choices" at the "Women's Sexualities: Historical, Interdisciplinary, and International Perspectives" conference, Indiana Univ. at Bloomington, Nov. 14.

Geoffrey Bennett, director and concurrent professor of law, London program, presented "Wrongful Conviction, Lawyer Incompetence, and English Law" at the Criminal Procedure Forum, Washington and Lee Univ., Lexington, Va., May 16–18.

Jacqueline Vaught Brogan, professor of English, gave an invited lecture at the Univ. of Innsbruck titled "Questionable Values/Valuable Questions: Ernest Hemingway's *The Sun Also Rises*," Nov. 4.

Bruce A. Bunker, professor of physics, presented invited talks "Probing Interfaces with X-Rays: How We Use X-Ray Reflectivity, X-Ray Diffraction, and Reflection-Mode XAFS to Study Surfaces and Internal Interfaces" and "Three Recent XAFS Studies" at the "International XAFS Workshop," Univ. of Science and Technology, Hefei, China, Oct. 21–22, where he also moderated a discussion on the future prospects of x-ray physics and synchrotron radiation.

Rev. David Burrell, C.S.C., the Hesburgh Professor of Arts and Letters, Theology, presented the Hesburgh lecture "Peacemaking in the Holy Land" in Stuart, Fla., Nov. 14; "Three Messengers for One God" at the California Polytechnic Institute, San Luis Obispo, Nov. 21; "Faith, Culture, and Reason" to the American Catholic Philosophical Association, Houston, Nov. 2; and spoke at the NCCB Muslim-Christian Dialogue for the Islamic Society of North America, Indianapolis, Oct. 2–22.

Patricia L. Clark, the Luce Professor of Biochemistry, presented a seminar titled "Folding Mechanisms for β -Sheet Proteins with High Contact Order Native Structures" at the Univ. of Illinois, Chicago, Nov. 18.

Olivia Constable, associate professor of history, presented "Housing the Stranger: Shared Needs and Institutions in the Medieval Mediterranean" at the New England Medieval Conference, Amherst College, Oct. 25.

Julia Douthwaite, assistant provost, Nanovic fellow, and professor of Romance languages and literatures, presented an invited lecture titled "*L'histoire des sciences de l'homme au 18e siècle: Le parcours de la jeune fille sauvage de Champagne*" at the Centre Alexandre Koyré, Paris, Nov. 21.

Crislyn D'Souza-Schorey, the Walther Assistant Professor of Biological Sciences, presented "Role of Membrane Traffic in Epithelial to Mesenchymal Transitions" at the Harry and Elsa Jiler-American Cancer Society Professor's meeting, Oct 29 through Nov. 1, Key Biscayne, Fla.; and "The ARF GTPases: Regulatory Switches of Organellar Structure and Cell Motility" at Abbott Laboratories, Chicago, in November.

Richard Economakis, associate professor of architecture, presented his book *Nisyros: History and Architecture of an Aegean Island* (Athens: Melissa Publishing House, 2001) to the Society for Nisyrion Studies and the Gnomagoras Society in Astoria, N.Y., on Nov. 8.

Keith J. Egan, the Aquinas Chair in Catholic Theology, conducted a retreat for the Carmelite Nuns of Little Rock, Ark.

Leonid Faybusovich, professor of mathematics, gave an invited talk titled "Explicit Calculation of Universal Barrier functions" at the Graduate School of Industrial Administration of Carnegie Mellon Univ., Pittsburgh, Nov. 14.

Jeffrey Feder, associate professor of biological sciences, presented "Darwinian Natural Selection for Orange Bioluminescent Color in a Jamaican Click Beetle" at the Univ. of British Columbia, Vancouver, Canada, Nov. 11–13.

Guillermo J. Ferraudi, professional specialist in the Radiation Laboratory, presented a workshop, "Photochemistry of Cu(II) Macrocyclic Complexes with Pendant-NO₂ Effects of the Pendant on the Photochemical Pathway," on the properties and applications of transition metal macrocyclic complexes, and was part of organizational meetings with collaborators, Santiago, Chile, Nov. 3–6.

Agustin Fuentes, associate professor of anthropology presented an invited talk "Monkey Business: the Complex Nature of Human-Macaque Interactions on Bali and a Few Thoughts about Gibraltar" at the "CALPE Conference 2003: The Barbary

Macaque, Comparative and Evolutionary Perspectives" in Gibraltar, Nov. 5–9; presented an invited talk titled "It's Not All Sex and Violence: Reflections on the Role of Cooperation, Social Complexity, and Peace in Human Evolution" and copresented the following posters with anthropology undergraduate students: "Video Analysis of Human-Macaque Interactions" with K. Beranek, and "Behavioral Differences in Hierarchical Relationships: Aggression and Grooming Among Male and Female *Macaque fascicularis* at Padangtegai, Bali, Indonesia" with M. Nieto, at the 102nd annual meeting of the American Anthropological Association, Chicago, where he also organized and chaired the session "Innovative Undergraduate Research in Anthropology."

Umesh Garg, professor of physics, presented "Squeezing the Nucleus High above Ripples and Tides" at the fall meeting of the Division of Nuclear Physics, American Physical Society, Tucson, Oct. 29 through Nov. 1.

Teresa Ghilarducci, associate professor of economics, director of the Higgins Labor Research Center, and Nanovic, Kroc, and Kellogg Institutes fellow, presented "Solving the Chronic Shortage of Health and Pension Coverage in Low Wage Labor Markets" at a meeting of the Association of Public Policy Analysis and Management, Washington, D.C., Nov. 7; and "Corporate Scandals: Lessons for Trustees" at the "Bricklayers and Allied Crafts Union and Employer Benefits Conference," San Diego, Nov. 8.

Dirk M. Guldi, associate professional specialist in the Radiation Laboratory, presented "Novel Multifunctional Nanoarchitectures in Energy Conversion" at the Alumni Conference on Common Global Responsibility, Georgetown Univ., Nov. 7; "Charge Separation through (in) Molecular Wires: From Conjugated Oligomers to Carbon Nanotubes" and "Novel Multifunctional Nanoarchitectures in Energy Conversion" at Ben Gurion Univ., Beer Sheva, Israel, Nov. 16–17; and "Carbon Nanoarchitectures in Energy Conversion" at the College of Judea and Samaria, Ariel, Israel, Nov. 18.

Ruthann K. Johansen, professional specialist and concurrent associate professor of American literature, presented "The Unmasking Force of Words: Simone Weil's *The Iliad or the Poem of Force* and Flannery

O'Connor's 'The Displaced Person' at a meeting of the Midwest Modern Language Association in Chicago, Nov. 7.

Maxwell Johnson, professor of theology, presented "New Perspectives on Christian Initiation" for the New Perspectives on the Sacramental Life of the Church, Corpus Christi Univ. Parish Lecture Series, Toledo, Oct. 21; and "Offering or Preparation of the Gifts?" for the worship and music committee, Gloria Dei Lutheran Church, South Bend, Oct. 1.

Robert L. Jones Jr., director of the Notre Dame Legal Aid Clinic, presented "The Duty of Confidentiality: New Rules, Old Problems" at the Law School's Continuing Legal Education Program on Nov. 8.

Curtis W. Kamman, visiting instructor of political science, lectured to students and faculty at the Maxwell School of Citizenship and Public Administration at Syracuse Univ. on U.S. policy in Latin America and on drugs and violence in Colombia, Oct. 21.

Satsuki Kawano, assistant professor of anthropology, presented "Images of Desirable Death and Afterlife in a Japanese Citizens' Movement" at the annual meeting of the American Anthropological Association, Chicago, Nov. 22.

Kwan S. Kim, professor of economics and policy studies and fellow of the Kellogg Institute, presented a paper titled "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, on Nov. 20.

Xiaobo Liu, associate professor of mathematics, presented the invited talk "Universal Equations For Gromov-Witten Invariants" in the Besse Seminar at Ecole Polytechnique, France, Nov. 24.

Timothy Matovina, associate professor of theology and director of the Cushwa Center, presented "Faith, Activism, and Public Witness" to the National Catholic Council on Hispanic Ministry's annual meeting, Chicago, in November.

Ralph M. McInerney, the Grace Professor of Medieval Studies and director of the Maritain Center, presented "Faith and Reason: Putting Together What Man Has

Put Asunder" at a meeting of the Newman Society, Washington, D.C., Oct. 31.

Lenny Moss, assistant professor of philosophy and Nanovic Institute fellow, presented "The Anthropological Roots of Critical Theory Reviewed and Renewed" at the 11th annual Critical Theory Roundtable, Stony Brook Univ., Oct. 26.

Guillermo O'Donnell, the Kellogg Professor of Government and International Studies, presented the keynote speech on "The State and Democracy, at the 'World Meeting of the Ford Foundation, Governance and Civil Society Division,' Hanoi, Oct. 17, and the closing speech at the plenary session of the Sixth Congress of the Argentine Association of Political Science, Rosario, Nov. 8.

Timothy C. Ovaert, professor of aerospace and mechanical engineering, presented "Thermoelastic Contact Problems for an Anisotropic Elastic Half-Space, and 'A Rough Surface Contact Model for General Anisotropic Materials,' written with Y. Lin, at the 2003 STLE/ASME International Joint Tribology Conference in Ponte Vedra Beach, Fla., Oct. 27-29.

Teresa Godwin Phelps, professor of law, presented the closing address "Acting Justly" at the second annual Peace and Justice Symposium at Valparaiso Univ., Nov. 8, where she also presented a workshop "Lessons from the Amy Biehl Story."

Jean Porter, the O'Brien Professor of Theology, presented "Nature as Reason: Reconsidering the Doctrine of the Natural Law" at Liverpool Hope Univ. College, Liverpool, Oct. 16.

Terrence W. Rettig, professor of physics, presented "Preplanetary Disks: Infrared Spectroscopy of Molecular Isotopes" at a meeting of the American Astronomical Society, Nashville, May 25; and received four nights of observation time from the NASA KECK to study the evolution of preplanetary gases around the disks of very young stars (together with funding to support the research) in November.

Karen Richman, assistant professor of anthropology and Kellogg Institute fellow, co-organized the national conference "Caribbean Inventions: Ethnic Realities, New Worlds," Notre Dame, Nov. 5-6, where she presented "Creole Eloquence, Creole Resistance: Listening to Chamoiseau, Fanon and

Zobel" at the panel "Enunciative Powers: Seizing Caribbean Identities" on Nov. 6. She also presented "Gender, Diplomacy and Cassette Writing in a Haitian Transnational Community" to the "Panel on Gendered Paths: Women, Men and Transnational Migration" at the 102nd annual meeting of the American Anthropological Association, Nov. 22.

Mark R. Schurr, associate professor of anthropology, presented "Who Built the Mounds of Michiana?" in the lecture series sponsored by the Museum at Southwestern Michigan Univ., Dowagiac, Nov. 5.

Alan Seabaugh, professor of electrical engineering, gave an invited presentation "Emerging Technologies for Ambient Intelligence" at the "Fifth International Workshop on Future Information Processing Technologies" in Miyazaki, Japan, Nov. 10.

Neil Shay, associate professor of biological sciences, resented an invited talk "Anti-Diabetic Effect of Soy Isoflavones" at the Univ. of Florida, Nov. 13.

Thomas Gordon Smith, professor of architecture, served as a juror for the American Institute of Architects New Jersey Design Awards, Oct. 28; presented "Greek Revival Architecture and Furniture" for the American Decorative Arts Forum of Northern California, San Francisco, Oct. 14; and spoke on classical architecture at a debate sponsored by the American Institute of Architect New Jersey Design Day, Princeton, Oct. 29.

Anthony M. Trozzolo, the Huisking Professor Emeritus of Chemistry, presented the invited lecture "Light and Color: Seeing is Believing? Guess Again!" for the Forever Learning Institute, South Bend, Nov. 12.

Robert P. Vecchio, the Schurz Professor of Management, gave an invited presentation titled "Perspectives on Leadership: Insights and Hindsight," at the annual meeting of the Gateway Industrial/Organizational Psychology Association, St. Louis, Nov. 7.

Thomas S. Vihtelic, research assistant professor of biological sciences, presented "The Regeneration Response in the Light-Damaged Zebrafish Retina" at the "Great Lakes Vision Research Conference," Miami Univ., Oxford, Ohio, Oct. 18.

Michael Wiescher, the Freimann Professor of Physics, presented a series of five invited

lectures on topics in Nuclear Astrophysics at the "Marie Curie Training Program for Nuclear Physics" at the European Centre for Theoretical Studies in Nuclear Physics and Related Areas, Trento, Italy, Sept. 22–26. He also presented "Nuclear Astrophysics—Underground," an invited talk, at the workshop "Underground Accelerators for Nuclear Astrophysics," Tucson, Oct. 27; "The rp-Process," an invited talk, at the DNP workshop on nuclear astrophysics, Tucson, Oct. 29; "Nuclear Science of the Cosmos, Chemical History of the Universe," an invited plenary talk, at the DNP fall meeting, Tucson, Oct. 30; "Far of Stability Processes in Nuclear Astrophysics," an invited talk, at the RIA Theory meeting, Tucson, Nov. 2; and the colloquium "From Thermonuclear to Pycnonuclear Processes on Accreting Neutron Stars" at the Bristol Institute, Univ. of Delaware, Newark, Oct. 15.

Gordon D. Wishon, chief information officer and associate vice president, Office of Information Technologies, spoke at the Educause 2003 conference, presided at the Security Task Force Open Meeting, and led a special security discussion group at the conference.

Publications

Panos J. Antsaklis, the Brosey Professor of Electrical Engineering and director of the Center for Applied Mathematics, published "On the Model-Based Control of Networked Systems" with L.A. Montestruque, *Automatica* 39 (2003): 1837–1843; "Synthesis of Supervisors Enforcing General Linear Constraints in Petri Nets" with M.V. Iordache, *IEEE Transactions on Automatic Control* 48, No. 11 (Nov.): 2036–2039; "Design of T-Liveness Enforcing Supervisors in Petri Nets," also with Iordache, *ibid.*: 1962–1974; and "Set-Valued Observer Design for a Class of Uncertain Linear Systems with Persistent Disturbance and Measurement Noise" with H. Lin and G. Zhai, *International Journal of Control* 76, No. 16 (2003): 1644–1653.

J. Matthew Ashley, associate professor of theology, published "Johann Baptist Metz" in *The Blackwell Companion to Political Theology*, P. Scott and W.T. Cavanaugh,

eds. (Oxford: Blackwell Publishing, 2003): 241–255.

Joseph P. Bauer, professor of law, published the 2004 *Annual Supplement to Vol. I*; 2004 *Annual Supplement to Vol. II*; 2004 *Annual Supplement to Vol. II*; 2004 *Annual Supplement to Vol. III*; 2004 *Annual Supplement to Vol. IV*; 2004 *Annual Supplement to Vol. V*; 2004 *Annual Supplement to Vol. VI*; 2004 *Annual Supplement to Vol. VII*; 2004 *Annual Supplement to Vol. VIII*; 2004 *Annual Supplement to Vol. IX*; 2004 *Annual Supplement to Vol. X*; and 2004 *Annual Supplement to Vol. XI of Kintner's "Federal Antitrust Law" Treatise* (Lexis Nexis/Matthew Bender, 2003) (with W.H. Page).

Geoffrey Bennett, director and concurrent professor of law, London program, published "Criminal Procedure and Sentencing," *All England Law Reports Annual Review of 2002* (Butterworths, 2003): 142–156.

Kathleen Biddick, professor of history, presented her multimedia installation, titled *Cell*, a partnership with Media Lab Europe, Dublin, where Biddick was a Fulbright Scholar in 2003–03, to the invited public at Mountjoy Prison, Dublin, on Oct. 23–25.

John Blacklow, assistant professor of music, performed a solo recital on the Dame Myra Hess Memorial Concert Series in Chicago, Nov. 12; performed four concerts at the Walt Disney Concert Hall with the Los Angeles Philharmonic under guest conductor Roberto Abbado, in the U.S. premiere of "Cobalt, Scarlet"; and presented a master class for the South Bend Music Teachers Association, Nov. 14.

Xavier Creary, the Huisking Professor of Chemistry and Biochemistry, published "Stabilized and Destabilized Carbocations in the 1,6-Methano[10]annulene Series" with K. Miller, *Journal of Organic Chemistry* 68 (2003): 8683–8692.

Peter Diffley, associate dean in the Graduate School, published *Paying for Graduate School* with **Joseph Russo**, director of Student Financial Services, *Princeton Review*, ed. (Random House, 2003): 195 pp.

Dennis P. Doordan, chair of Art, Art History and Design, published "On Materials," *Design Issues* 19, No. 4 (Autumn 2003): 3–8.

Crislyn D'Souza-Schorey, the Walther Assistant Professor of Biological Sciences,

published "Betacap73-ARF6 Interactions Modulate Cell Shape and Motility after Injury *in vitro*" with K. Riley, A. Maldonado, P. Tellier, and I. Herman, *Molecular Biology of the Cell* 14 (Oct.): 4155–4161).

Rev. John S. Dunne, C.S.C., the O'Brien Professor of Catholic Theology, published *A Journey with God in Time: A Spiritual Quest* (Univ. of Notre Dame Press, 2003).

Keith J. Egan, the Aquinas Chair in Catholic Theology, reviewed *John of the Cross and Teresa Avila* by E. Howells (New York: Crossroad, 2002) in *Spiritus* 3 (fall 2003): 282–284.

Agustin Fuentes, associate professor of anthropology, published "Human and Non-human Primate Interconnections" in *The Encyclopedia of World Environmental History*, S. Krech III, J.R. McNeill, and C. Merchant, eds. (Berkshire Publishing/Routledge Publishing Co., 2004).

Umesh Garg, professor of physics, published "Direct Proton Decay of the Isoscalar Giant Dipole Resonance" with M. Hunyadi, A.M. van den Berg, N. Blasi, et al., *Physics Letters B* 576 (2003): 253–259.

Dirk M. Guldi, associate professional specialist in the Radiation Laboratory, published "Electrostatic Complexation and Photoinduced Electron Transfer Between Zn-Cytochrome *c* and Polyznionic Fullerene Dendrimers," written with M. Braun, S. Atalick, H. Lanig, M. Brettreich, S. Burghardt, M. Hatzimarinaki, E. Ravanelli, M. Prato, R. van Eldik, and A. Hirsch, *Chemistry, A European Journal* 9 (2003): 3867–3875.

Gregory V. Hartland, associate professor of chemistry and biochemistry, published "Heat Dissipation in Gold-Silica Core-Shell Nanoparticles" with M. Hu, X. Wang, and V. Salgueirino-Maceira, *Chemical Physics Letters* 372 (2003): 767–772; "Softening of the Symmetric Breathing Mode in Gold Particles by Laser-Induced Heating" with M. Hu, *Journal of Physical Chemistry B* 107 (2003): 7472–7478; and "Vibrational Response of Nanorods to Ultrafast Laser-Induced Heating: Theoretical and Experimental Analysis" with M. Hu, X. Wang, P. Mulvaney, J. Perez Juste, and J.E. Sader, *Journal of Americal Chemical Society* 125 (2003): 14925–14933..

Gordon L. Hug, associate professional specialist in the Radiation Laboratory, published "Free Radical Reactions of Methionine in Peptides: Mechanisms Relevant to β -Amyloid Oxidation and Alzheimer's Disease," written with C. Schöneich, D. Pogocki, and K. Bobrowski, *Journal of the American Chemical Society* 125, No. 45 (2003): 13700–13713.

Walter R. Johnson, the Freimann Professor of Physics, published "Multipole (E1, M1, E2, M2) Transition Wavelengths and Rates between States with $N \leq 6$ in Heliumlike Carbon, Nitrogen, Oxygen, Neon, Silicon, and Argon" with I.M. Savukov and U.I. Safronova, *Atomic Data and Nuclear Data Tables* 85 (2003): 83–167; "Energies, Transmission Rates, and Electric Dipole Moment Enhancement Factors for CeIV and Pr V" with I.M. Savukov, U.I. Safronova, and M.S. Safronova, *Physical Review A* 67 (2003): 042504, 1–5; "Status of Atomic PNC: Experiment/Theory, *Proceedings of the XVIII International Conference on Atomic Physics*, H.R. Sadeghpour, E.J. Heller, and D.E. Pritchard, eds. (Singapore: World Scientific, 2003); "Relativistic Many-Body Calculations of Electric-Dipole Lifetimes, Transition Rates, and Oscillator Strengths for $n=3$ States in Al-like Ions" with U.I. Safronova, M. Sataka, J.R. Albritton, and M.S. Safronova, *Atomic Data and Nuclear Data Tables* 84 (2003): 1–84; "Dramatic Nondipole Effects in Low-Energy Photoionization: Experimental and Theoretical Study of Xe 5s" with O. Hemmers, R. Guillemin, E.P. Kanter, et al., *Physical Review Letters* 91 (2003): 53002, 1–4; "Combined Effect of Coherent Z Exchange and the Hyperfine Interaction in Atomic PNC" with M.S. Safronova and U.I. Safronova, *Physical Review A* 67 (2003): 062106, 1–9; and "Relativistic Many-Body Calculations of Excitation Energies and Transition Rates from Core-Excited States in Copperlike Ions" with U.I. Safronova, A. Shlyaptseva, and S. Hamasha, *ibid.*: 052507, 1–7.

Prashant V. Kamat, professional specialist in the Radiation Laboratory and concurrent professor of chemical and biomolecular engineering, published "Nanoscience Opportunities in Environmental Remediation" with **Dan Meisel**, director of the Radiation Laboratory and professor of chemistry and biochemistry, *Comptes Rendus Chimie* 6 (2003): 999–1007.

Marya Lieberman, associate professor of chemistry, published "Scanning Tunneling Microscopy and Spectroscopy Investigations of QCA Molecules" with M. Manimaran, G.L. Snider, C.S. Lent, V. Sarveswaran, Z. Li, and **Thomas P. Fehlner**, associate chairperson and the Grace-Rupley Professor of Chemistry, *Ultramicroscopy* 97 (2003): 55–63.

Timothy Matovina, associate professor of theology and director of the Cushwa Center, published "Our Lady of Guadalupe" in *Religion and American Cultures: An Encyclopedia of Traditions, Diversity, and Popular Expressions*, G. Laderman and L. León, eds. (Santa Barbara: ABC-CLIO, 2003): 87–90.

Ralph M. McInerny, the Grace Professor of Medieval Studies and director of the Maritain Center, published *The Very Rich Hours of Jacques Maritain* (Univ. of Notre Dame Press, 2003) and *Aquinas* (Cambridge: Polity Press, 2003): 160 pp.

Thomas O'Meara, the Warren Professor Theology emeritus, published "Dominican Studies and the Theology of Thomas Aquinas," *Listening* (fall 2003): 212–224; "Foreword" to John J. Markey, *Creating Communion: The Theology of the Constitutions of the Church* (Hyde Park: New City Press, 2003); "Paul Tillich and Erich Przywara in Davos," *Davoser Revue* 78 (2003): 18–22; "Religion in History: Schelling and Molitor," *Iris: Annales de philosophie (Études sur Schelling en hommage à Xavier Tilliette)* 24 (2003): 199–213; "Pastor, Lay Ministers, and Community...amid the Changes of History," *What Is Good Ministry? Resources to Launch a Discussion* (Pulpit & Pew, 2003) 28–31; "The End!" *Celebration* 32, No. 10 (October): 468; and a translation of Heinrich Fries "Theological Method According to John Henry Newman and Karl Rahner," *Philosophy and Theology* (2003).

Thomas W. Nowak, professor of chemistry and biochemistry, published "Monitoring Active Site Alterations upon Mutation of Yeast Pyruvate Kinase using $^{105}\text{Ti}^+$ NMR" with D. Susan-Resiga, *Journal of Biological Chemistry* 42 (2003): 40943–40952.

Terrence W. Rettig, professor of physics, published "CO Emission from Disks Around AB Aurigae and HD141569: Implications for disk Structure and Planet Formation Timescales" with S. Brittain, T. Simon,

C. Kulesa, M. DiSanti, and N. Dello-Russo, *Astrophysical Journal* 588 (2003): 535–544; and "Modeling the Breakup of Comet Shoemaker-Levy 9" in *Hubble Science Legacy: Future Optional/UV Astronomy from Space*, K. Sembach, C. Blades, G. Illingworth, and R. Kennicutt, eds. (*Astronomical Society of the Pacific Conference Proceedings* 291, Univ. of Chicago, April 2–5, 2003).

Slavi C. Sevov, professor of chemistry and biochemistry, published "Derivatization of Deltahedral Zintl Ions by Nucleophilic Addition: $[\text{Ph}_2\text{-Ge}_9\text{-SbPh}_2]^{2-}$ and $[\text{Ph}_2\text{-Sb-Ge}_9\text{-SbPh}_2]^{4-}$ with A. Ugrinov, *Journal of the American Chemical Society* 125 (2003): 14059–14064.

Bradley D. Smith, professor of chemistry and biochemistry, published "Facilitated Phosphatidylserine (PS) Flip-Flop and Thrombin Activation Using A Synthetic PS Scramblase" with J.M. Boon, T.N. Lambert, A.L. Sisson, and A.P. Davis, *Journal of the American Chemical Society* 125 (2003): 8195–8201; and "Detection of Apoptotic Cells Using a Synthetic Fluorescent Sensor for Membrane Surfaces that Contain Phosphatidylserine" with A.V. Koulov, K.A. Stucker, C. Lakshmi, and J.P. Robinson, *Cell Death and Differentiation* 10 (2003): 1357–1359.

Rev. Oliver F. Williams, C.S.C., associate professor of management and academic director of the Center for Ethics and Religious Values in Business, edited *Business, Religion and Spirituality: A New Synthesis* (Univ. of Notre Dame Press, 2003).

Administrators' Notes

Activities

Lori Maurer, associate director of Residence Life and Housing, presented "Student Conduct 101" at the Great Lakes Association of College and University Housing Officers conference, Midland, Mich., Nov. 8.

In Memoriam

Dennis Moore, associate vice president for Public Affairs and Communication, died Dec. 3 at St. Vincent's Hospital in New York City.

Documentation

Faculty Board on Athletics

October 9, 2003

5th Floor Conference Room, Main Building

Members Present: Prof. Fernand Dutile (Chair); Prof. Matthew Barrett; Prof. Harvey Bender; Prof. John Borkowski; Mr. Bobby Brown; Prof. Stephen Fallon; Mr. Patrick Holmes; Prof. David Kirkner; Prof. Layna Mosley; (Rev.) Mark Poorman, C.S.C.; Prof. Donald Pope-Davis; Dr. Kevin White; Prof. John Weber.

Members Absent: Dr. Matthew Cullinan and Prof. Umesh Garg.

Observers Present: Ms. Sandy Barbour, Ms. Missy Conboy, Mr. Mike Karwoski and Mr. Bernard Muir, all of the Department of Athletics; Ms. Kitty Hoye, recorder.

1. Call to order and prayer: The Chair called the meeting to order at 5:05 p.m. Father Poorman led the group in prayer.

2. Approval of minutes of previous meeting: Prof. Bender moved that the minutes for the meeting of September 15, 2003, be approved. Prof. Weber seconded that motion, which passed unanimously.

3. Announcements: The Chair announced the membership of the Board's subcommittees for the 2003-04 academic year. The subcommittee on academic integrity will

comprise Prof. Bender (Chair), Mr. Holmes, Prof. Pope-Davis and Prof. Weber. The subcommittee on student welfare will comprise Prof. Barrett (Chair), Mr. Brown, Prof. Garg and Prof. Kirkner. The subcommittee on communication will include Prof. Fallon (Chair), Prof. Borkowski and Prof. Mosley.

The Chair reported on a meeting of Division IA directors of athletics and faculty athletics representatives held in Dallas in late September. Dr. Myles Brand, president of the NCAA, delivered the keynote talk there. In that talk, a summary of which was distributed to all members of the Board, Dr. Brand cited Notre Dame as one institution that fairly fully integrated its athletics program into the general university structure. At that meeting, the faculty athletics representatives agreed to pursue formally organizing themselves as a separate Division IA "faculty rep" organization. That organization, it was decided, would operate under the auspices of the Faculty Athletics Representatives Association, a national group for faculty reps of all NCAA divisions. At the Dallas meeting, an executive committee made up of one faculty rep from each Division IA athletics conference was formed. The Chair will serve on that executive committee as a representative of the Big East.

The Chair then briefly alluded to two issues prominently discussed at the Dallas meeting: a twelfth football game on an annual basis (currently, only certain calendar years allow for a twelfth game) and a possible change to five years of playing eligibility, as opposed to the current four years of eligibility within a five-year window. Participants in the Dallas meeting strongly supported a regular twelfth game, largely for fiscal reasons and despite some concerns that a twelfth game placed too much of a burden on student-athletes. The group expressed at least some sentiment that provision for a regular twelve-game season should require that any conference-championship game count against that limit. With regard to the suggested increase in years of eligibility, the Chair stressed his concerns, concerns that he raised at the Dallas meeting. If five years of eligibility become the norm, inevitably there will be a push to allow six years in which to play the five; where does this end? Moreover, if a particular student-athlete can occupy a playing position for five years, rather than four, still fewer student-athletes will enjoy the benefits of actual competition.

The Chair reported on a meeting, sponsored by the Board and attended by "working deans" Ava Preacher, of the College of Arts and Letters, and Sam Gaglio, of the Mendoza College of Business. Also present: Mr. Holmes, Mr. Muir and the Chair of the Faculty Board on Athletics. The meeting addressed the issue of time spent away from campus by student-athletes competing not as members of Notre Dame varsity teams but rather as members, or prospective members, of national teams and the like. Practice and competition of our varsity teams fall within the jurisdiction of the Board. Individual events occurring under Notre Dame auspices, such as tennis invitations, fall within the jurisdiction of the vice-president for student affairs and the director of the Office of Academic Services for Student-Athletes. Practice or competition in connection with national teams, however, seems to "fall between the chairs." Some student-athletes miss extensive periods of campus presence in connection with such participation. What to do? After a long discussion, Dean Preacher promised to bring to the Undergraduate Studies Committee a proposal to limit any student's

absence from campus. Her proposal would not trump any other attendance rules and would apply to all student activities, not just athletics.

The Chair announced that he had approved, on the Board's behalf, the following team schedules: football (2003); men's lacrosse (2003-04); men's basketball (2003-04) (including a study-day game on December 14 against DePaul in Chicago specifically approved by the Board); women's basketball (2003-04) (revised) (including a study-day game on December 15 against Dayton at home, specifically approved by the Board); men's golf (fall 2003); and men's swimming (2003-04).

The chair announced that he had approved the following team captains: women's cross-country (Lauren King, Stephanie Madia and Katie Ellgass); hockey (a slate of candidates from which the team will choose its ultimate captains, in addition to Aaron Gill, who had been approved as a captain on April 7, 2003; the Department of Athletics will notify the Chair of those ultimately selected from the slate). At this point, the Board ratified the decisions announced by the Chair with regard to team schedules and team captains.

4. Men's golf revisited: At the September 15, 2003, meeting of the Board, the men's golf team had requested a fourth class-miss day (one more than normally allowed) in the Monday-Wednesday-Friday sequence. As it turned out, the event originally thought to require such an additional class-miss day fell not during classes but during the study-day period. Alas, as originally scheduled, that event would require absence from campus during three study days, April 30 through May 2, 2004. Mr. Karwoski, athletics administrator overseeing the team, told the Board that the team now proposes to skip the practice round on April 30 and instead be absent from campus only on May 1 and 2. He stressed the importance of this competition, one of two regional competitions needed for qualifying for the NCAA tournament. Asked when the competition would end on that Sunday (May 2), Mr. Karwoski responded that the round would take about five hours. Asked whether the team would have any other commitments the next week, Mr. Karwoski replied that the team would have a two-week gap before any further competition.

Prof. Barrett found very problematic the prospect of missing the last two study days. Isn't there only a one-week gap between the conference tournament and the NCAA regional? Couldn't we play in a different tournament on April 15 and 16, when the Big East tournament had originally been scheduled? An additional class-miss day struck him as preferable to missing the last two study days. Prof. Pope-Davis asked if the Michigan State tournament, scheduled for those study days, presented the only occasion for the team to qualify for the NCAA tournament. Mr. Karwoski replied that the Big East is actually the most prominent tournament; but if we don't qualify there, then we must rely on the tournaments at Purdue and Michigan State. Prof. Pope-Davis wondered whether, if the team does well at the Big East tournament and secures an automatic qualification to the NCAA tournament, the team would still participate in the Michigan State event. Mr. Karwoski: The Michigan State event provides the only competition prior to the NCAAAs. Prof. Weber: How many students are we really talking about, five? Yes, Mr. Karwoski replied, the number is small. Prof. Kirkner moved that the proposal be approved. The motion, seconded by Prof. Mosley, passed 6-4.

5. Women's swimming schedule: Ms. Barbour, athletics administrator for women's swimming, brought to the Board a proposed schedule calling for two class-miss days (December 4 and 5) during the last week of class, a period during which University regulations especially discourage absences. In response to Prof. Weber's question concerning whether any travel time was involved, Ms. Barbour noted that two separate but coinciding meets were implicated: the Notre Dame Invitational and the U. S. Open, to which we usually send from six to eight student-athletes, depending on how many qualify. Prof. Mosley: Will student-athletes also miss one-half a day on December 3 for travel? Ms. Barbour: Only those attending the U. S. Open will miss the one-half day. Prof. Barrett wondered whether the U. S. Open needed Board approval, since it seems to be an individual event, not a team event. Dr. White responded that he viewed the event as a Notre Dame one since Notre Dame will finance the trip. Prof. Borkowski suggested

that since the U. S. Open involves travel to the West Coast the team could leave after the day's last class. Ms. Barbour assured Prof. Borkowski that the team's head coach will do the very best, within financial constraints, in that regard. Prof. Mosley noted, with regard to the one-half day, that once again we are dealing with a very small number of students. Ms. Barbour added that the team will not travel this fall as much as it has in the past; indeed, the team will stay on campus for two weeks prior to the U. S. Open. Prof. Fallon wondered why, in light of University guidelines, the Notre Dame Invitational falls during the last week of class. Ms. Conboy responded that traditionally that tournament occurs earlier, but a late Thanksgiving holiday occasioned the current situation. Prof. Borkowski saw no real difference between this issue and that involved in the men's-golf request just discussed. Perhaps some regulation addressing individual students with poor grade-point averages or other academic problems might be considered. We should trust student-athletes who have handled their responsibilities well; those who have not should not compete. Prof. Borkowski moved that the Board approve the request to compete during the last week of class. Prof. Pope-Davis seconded that motion. The motion carried, 6-2.

6. Report on academic progress of student-athletes: Mr. Holmes distributed to Board members a report on the academic performance of student-athletes during the Spring 2003 semester. The overall Spring 2003 grade-point average for all 677 student-athletes: 3.132. Sixty-seven percent of the student-athletes had a 3.000 grade-point average or higher; thirty-six percent of the student-athletes had a 3.400 grade-point average or higher. Sixteen full-time student-athletes (i.e., carrying twelve or more credit hours) earned a perfect 4.0 grade-point average. Mr. Holmes noted that 201 student-athletes were named Big East Academic All-Stars; that honor requires a 3.0 grade-point average or better for the academic year and a monogram from a team participating in the Big East Conference. Notre Dame also produced four Academic All-Americans: John Crowther (football), J. P. Gagne (baseball), Steve Sollmann (baseball) and Luke Watson (track). For the first time ever, four Notre Dame teams

(women's fencing, women's golf, women's tennis and volleyball) boasted semester averages above 3.400. Its 3.479 grade-point average gave women's golf the highest semester performance of all the teams. Two teams (women's golf and men's tennis) earned their highest semester grade-point average ever. Five teams (hockey, women's swimming, men's tennis, women's tennis and volleyball) currently carry their highest cumulative grade-point averages ever. On the negative side, fourteen student-athletes, including eight on the football team, found themselves on academic probation at the end of the semester. Ten of these fourteen went to summer school; nine of those came off probation. Of the other four, one student-athlete decided to quit school and three others returned this Fall on academic probation. Prof. Pope-Davis suggested that the Office of Academic Services for Student-Athletes provide a breakdown by "year in school." Where do the problems occur? For example, is it between the freshman and sophomore years? Mr. Holmes replied that such statistics could be provided. Certainly, he added, we focus on the transitional year; the first year is indeed the best predictor. Father Poorman expressed his surprise that ninety student-athletes who would have made the Dean's List under the old standards did not make it under the new. Prof. Borkowski wondered about Notre Dame's success with regard to students who are "at-risk" (perhaps measured by some threshold level of SAT or grade-point average in high school); are we servicing these students adequately? Could we get a breakdown of their success rate? Prof. Borkowski saw a need to "track" that success rate. Dr. White agreed; collecting those data would help with intervention. Nonetheless, although we can always do better, he added, we are in the aggregate doing better than anyone else in the country. Father Poorman wanted information on how student-athletes have done at Notre Dame in light of their entering credentials. If indeed we do well with student-athletes in light of their entering credentials, both he and Prof. Borkowski saw such information as a tremendous recruiting tool; we can show the parents of a prospective student-athlete the statistics predicting that their child will do well at Notre Dame. Dr. White: We market those predictions now; of course, it would be nice to have the data to back them up.

Informed that about 120 student-athletes enter summer school, Prof. Barrett inquired about the value of tracking those students. Mr. Holmes: Not all teams are represented, but tracking can still take place. Prof. Weber noted the extent to which female student-athletes at Notre Dame academically outperform male student-athletes. Is that an issue of motivation alone? Prof. Kirkner suggested the desirability of statistics on grant-in-aid student-athletes, as opposed to other student-athletes. The Chair thanked Mr. Holmes for his report.

7. Report on the new process for certification of eligibility: Ms. Barbour, associate athletics director for compliance, reported on a significant change in the process for certification of student-athlete eligibility. Formerly, head coaches would prepare a list of team members and social security numbers. Those sheets then went to a compliance officer in the Department of Athletics, then to the Office of Student Affairs to insure "good citizenship," then to the Office of the Registrar to ascertain academic good standing, and then to the NCAA faculty athletics representative for a final "sign-off." The new form allows entry of all pertinent data, including initial date of enrollment at Notre Dame (and any other institution attended prior to Notre Dame), grade-point average, number of credit hours completed, percentage of credit hours needed for graduation, academic good standing and a special column for any "comments." Moreover, the form adds to the old a special section in which the director of the Office of Academic Services for Student-Athletes assesses compliance with NCAA academic requirements, as opposed to Notre Dame's requirements for academic good standing. (Ms. Barbour stressed that Notre Dame's academic standards remain much tougher than those of the NCAA. Mr. Holmes agreed; for example, the NCAA requires that student-athletes complete twenty-five percent of their degree requirements (soon to be forty percent) by the beginning of their junior year. At Notre Dame, students generally satisfy that requirement by the end of their first year.) The new form allows the NCAA faculty athletics representative to "spot check" information without having to access the database in the Office of the Registrar. Moreover, if any of the people charged with reviewing the form see a problem, that problem gets noted in the

"comment" column. Father Poorman: What about transfer permissions? Ms. Barbour: The NCAA "faculty rep" oversees that. Responding to requests from Prof. Barrett and Prof. Pope-Davis, Ms. Barbour explained each category on the form and listed who on campus discharged the responsibility for "signing off" on that particular area: with regard to compliance matters, Mr. Karwoski of the Department of Athletics; with regard to citizenship matters, Mr. William Kirk of the Office of Student Affairs; with regard to University academic good standing, Ms. Lora Spaulding of the Office of the Registrar; with regard to NCAA eligibility, Mr. Holmes of the Office of Academic Services for Student-Athletes; and with regard to overall oversight, Prof. Dutile, Chair of the Faculty Board on Athletics and the University's NCAA faculty athletics representative. Dr. White pointed out that the Department of Athletics has added a new person in compliance, Mr. Allen Greene. We have thus moved from two to four people working in compliance, although some of these have duties other than compliance. We hope to have five people working in this area soon.

8. Report on conference affiliation: At the Chair's request, Dr. White gave another in a series of updates on the evolving situation with regard to athletics conferences. Dr. White reported that on the upcoming Sunday Boston College would be invited to join the ACC. [Note: That invitation did issue and was accepted.] Following discussion among Board members about this development and its related implications to the Big East Conference and Notre Dame, the Chair thanked Dr. White for his report.

9. Adjournment: The chair adjourned the meeting at 7:20 p.m.

University Committee on Libraries

Annual Report 2002–2003

September 22, 2003

The bulk of the Committee's work during the year concentrated on the impact of inadequate resources on the ability of the Library to provide services. The Committee considered how different colleges and

departments had different needs for library resources, with some departments relying almost entirely on electronic resources, while other departments depended heavily on materials in paper format.

For the 2003-04 academic year, the budget cut was 5% on unrestricted accounts and 3.5% on restricted accounts, for a total of almost \$750,000. To absorb the cuts, the Library will freeze most hiring, leaving 10-15 positions open for the duration of the year. In addition, most capital purchases will be deferred and explore new fees for printing. With a reduced budget for library materials, the Library will continue the cancellation of serial subscriptions and reduce its commitments for books.

With the likelihood that the Library's budget will be flat for the near term, the Committee worked with the Director to develop strategies to deal with the continuing pattern under which costs of books and serials increase more rapidly than inflation. These strategies included the cancellation of paper copies where the library had already purchased the electronic version, ordering books in soft bound rather than hard bound format and canceling the less heavily used general and/or subject databases and journals.

The Committee also worked with the Director on the strategic plan for the Library, as part of the University's over-all strategic plan. The key elements of the strategic plan were these: (1) achieving excellence in meeting information needs across all disciplines; (2) building rich and unique collections to support university's scholarly aspirations; (3) participating in the global network of research libraries; and (4) creating a Catholic identity in a research library.

Two members of the Committee served on the review committee for director of libraries. The chair of the review committee also met with the entire membership of the Committee.

The Committee also discussed other matters critical to the Library's functioning. Among the most significant of those matters were these:

(1) The recall of materials. The Committee discussed a variety of options aimed at securing speedier return of materials needed by others.

(2) Collection development processes.

The Committee discussed how the Library could ensure the quality of existing distinguished collections while maintaining collections in support of curriculum. There was also discussion about the importance of having research level collections.

(3) Renovation of basement. The Committee received regular reports on the renovation.

(4) Electronic resources. With the increased reliance on electronic resources, the Committee discussed the need to make them a permanent part of the library's collection. That discussion touched on a number of points – licensing, library-supported digital preservation, digitization of individual collections, and working through consortia of libraries. As mentioned above, the Committee reviewed the continuing process of canceling paper subscriptions for journals received electronically.

(5) Management of printing costs by users. One consequence of the increased availability of electronic resources (including electronic reserves) has been greater use of printers within the library system, and a decreased use of photocopiers. Included in the Committee's discussion was a report from OIT on how new technology could be used to manage print orders. An immediate goal is to minimize the number of orders that are not collected. In addition, there was discussion of the possibility of charging for printing by those from outside the University as well as of using other technologies, such as CD burners to substitute for printing.

In closing, we note that the most significant problem facing the University Libraries is the declining purchasing power due to budget cuts and a continuing increase due to inflation in the costs of serials, at a rate more than double that of the Consumer Price Index (CPI). Notre Dame's aspirations for providing a premier undergraduate experience and achieving an impact through research are not well served by inadequate library collections or untimely access to electronic resources. In our May 1, 2003 letter on the impact of budgetary reductions on library materials, we noted "the 5% reduction in the library's "supplies and expense" budget, incorporating as it does library materials, seems dispropor-

tionate when compared to the 3% reductions required of other academic units, and when aggregated with the information industry inflationary pressures, Draconian." We urged again that the University address the need to offset inflation in the cost of library materials. We are pleased to see that the Provost's Office has responded to this issue by providing some ad hoc annual assistance until the external situation stabilizes and by carrying the discussion to deans and department chairs at the annual retreat.

University Committee on Libraries

Jack Pratt, Law School, chair
John H. Adams, Biological Sciences
Harvey A. Bender, Biological Sciences
Wesley Calvert, Graduate Student Representative
Stephen D. Dumont, Philosophy
Felipe Hernandez, Undergraduate Student Representative
Roger Jacobs, Law School
Theresa Krier, English
Mark Pilkinton, Film, Television, and Theatre
Marsha Stevenson, University Libraries
Karen Richman, Anthropology
Stephen Silliman, Civil Engineering/Geological Sciences
David Smith, Psychology
John A. Weber, Marketing
Gordon Wishon, Office of Information Technology
Jennifer A. Younger, Director of Libraries
(*ex officio*)

Minutes of the 293rd Graduate Council Meeting

October 15, 2003

Present: Jeffrey Kantor, Anthony Hyder, Donald Pope-Davis, Mark Roche, Joseph Marino, Carolyn Woo, Daniel Marmion (representing Jennifer Younger), James Powell, Barbara Turpin, Peter Diffley, Hope Hollocher, Richard Sheehan, Lionel Jensen, Ani Aprahamian, Doris Bergen, Edward Maginn, Peter Kogge, Seth Brown, Joachim Rosenthal, Laura Carlson, Douglas Hall, Cynthia Mahmood, Martiqua Post, Terrence Akai, Howard Hanson, Andrew Deliyannides

Absent: Frank Incropera, Joseph Wawrykow, Peter Burns, Paul Weithman, Michael Signer, Meg Garnett

I. APPROVAL OF THE MINUTES OF THE 292nd GRADUATE COUNCIL MEETING

Prof. Kantor invited a motion to approve the minutes from the February 13, 2003 Graduate Council meeting. The minutes were unanimously approved.

II. UPDATE ON ELECTRONIC DISSERTATIONS

Prof. Kantor introduced Dr. Barbara Turpin who gave a brief overview of the pilot project for electronic submission of dissertations. Dr. Turpin then introduced Daniel Marmion, librarian and associate director for information systems and digital access, University Libraries, and Shari Hill, the Graduate School's assistant editor.

Mr. Marmion opened his remarks by saying that from the Library's point of view the pilot project for electronic submission of dissertations/theses has been very successful. The Library will ensure the preservation of electronic copies in the same way it has ensured the preservation of printed versions. UMI will continue microfilming all dissertations/theses. A printed copy can still be obtained from the student and stored in archives. On the subject of access rights, the new system allows the student to determine how broadly the dissertation/thesis can be accessed, thus alleviating any potential publishing problems.

Prof. Doris Bergen noted the importance of storing a printed or microfilmed copy of dissertations/theses as a back-up. She expressed concern that technology is changing so rapidly that the electronic PDF version may be obsolete in two to five years.

Prof. Joachim Rosenthal agreed with Prof. Bergen's point that keeping an archived version is very important. He added that mathematical formulas sometimes appear incorrectly in papers submitted electronically in PDF format. He suggested that students review their final electronic versions very carefully. Shari Hill responded that when a dissertation/thesis is submitted electronically she conducts a thorough review of the document to ensure that it meets all University style guide requirements.

Prof. Seth Brown asked if the library will convert documents into new formats when new technology is introduced. Mr. Marmion responded that the library and the entire archiving profession are increasingly faced with these issues and are ultimately responsible for the conversion of documents.

Prof. Kantor closed the discussion by saying that students will be allowed to submit their dissertations/theses electronically but the Graduate School is not requiring electronic submission at this time.

III. THE GRADUATE SCHOOL'S STRATEGIC PLAN

Prof. Kantor invited the Council members to an open discussion of the Graduate School's strategic plan.

Prof. Joseph Marino asked where the NRC was in its ranking process. Dr. Peter Diffley said that the NRC would not be collecting data until next fall. In preparation, he said that departments should assemble a complete faculty list that should include faculty members' names, ranks, and, if they are concurrent, the percentage of time they spend in each department. He noted that it is the deans' job to determine that percentage. This data is critical because the reviewers use it to gauge the department's reputation. Departments should also ensure that their websites are attractive, up-to-date, and contain all pertinent information including faculty names, research interests, recent awards, and anything else that shines a favorable light on them.

Prof. Hope Hollocher asked if the Graduate School had anything specific in mind regarding Initiative IX of the plan (*Promote Interdisciplinary Research Centers*) and what process would be in place to determine the type of interdisciplinary research center to be promoted. Prof. Kantor responded by saying that he has been asked to chair a committee to identify possible areas that might benefit from these research centers. He said that a starting point for discussion would be the individual college's strategic plans.

Prof. Edward Maginn commented that Initiative IX is a tremendous idea, although he feels that there is very little crossing between departments. Joint superchair appointments might be used to encourage this, he said. He also felt that we need

to compete for *better* graduate students, not necessarily more. He added that other schools entice their students with relatively low-cost perks and suggested that more mechanisms be in place to recruit international students.

Prof. Brown noted that interdisciplinary research works best when the initiative comes from the bottom up. He is skeptical of the 'Field of Dreams' approach, he said. People don't mix enough. He said that the Grad School should find ways of getting faculty together.

Prof. Sheehan questioned the wisdom of selective excellence as it is presented in the strategic plan. If some selected departments will get more resources, it follows that others must get fewer. Prof. Kantor responded that the plan is intended to build on the strengths of top departments and to identify areas where an investment of resources can be made to advance departments to the next level of the NRC rankings. Prof. Donald Pope-Davis commented that the document also stipulates the Graduate School's commitment to have no program in the last quartile; we want to advance *all* of our programs, he said.

Prof. Ani Aprahamian asked for clarification on the hiring of "super-chairs" as discussed in Initiative I (*Create Fifteen Targeted "Super-Chairs" at the University*.) Would the vice president be involved in the hiring process? Prof. Anthony Hyder replied that the intent of the initiative is to give the vice president a voice in the process. He or she should ensure that the standards for "super-chairs" remain high. Prof. Kantor added that the vice president would not determine areas where superchairs would be hired, but would instead provide additional resources to attract faculty of the highest level to the University.

Referring to Initiative II (*New and More Competitive Support for Graduate Students*), Prof. Bergen suggested that we include specific plans for smaller, less expensive initiatives such as office space for graduate students, travel grants, and library acquisitions, which would help us recruit top students.

Prof. Mark Roche said that we need to be more creative with how we spend money, and asked what kinds of initiatives would make movement of the flagships more

likely. He suggested identifying areas of the colleges where strengths already exist, and then using these strengths to attract donations from prospective donors.

Prof. Lionel Jensen commented that it is very difficult to attract prospective donors to graduate education. He suggested finding innovative ways to deliver the message that the quality of undergraduate education is linked to the quality of graduate education.

On the issue of diversity in Initiative IV (*Enhance Diversity in Graduate Students*), Prof. Marino noted that few ideas about how to accomplish this were actually identified in the plan. Prof. Pope-Davis replied that the Graduate School will articulate a plan to address minority recruitment more systematically.

Prof. Bergen noted that the issue of diversity in Initiative IV is treated separately from the issue of quality, as if the two are quite distinct. She believes that diversity and excellence are linked and that the plan ought to reflect that. She also noted that there was no mention of women or issues of gender.

Prof. Kantor closed the meeting by thanking all the members of the Graduate Council and stating that all of their comments and suggestions would be considered and would have an impact on the final version of the Graduate School's strategic plan.

IV. COMMITTEE ON GRADUATE STUDENT HEALTH INSURANCE

Prof. Kantor announced the formation of a committee to address the issue of graduate student health insurance. Prof. Laura Carlson will serve as chair of the committee. Prof. Lionel Jensen will serve as a committee member. The committee will seek other members from the colleges and will also include a graduate student representative from the Graduate Student Union.

Prof. Cynthia Mahmood then requested a moment of silence to commemorate Mrs. Joan Kroc, founder of the Kroc Institute, who died on Sunday.

Prof. Kantor adjourned the meeting at 5:00.

University Committee on Women Faculty and Students

October 30, 2003

Members present: Teresa Godwin Phelps (chair), Doris Bergen, Susan Blum, Belinda Byrne, Mary Rose D'Angelo, Liz Dube, Mary Louise Gude, CSC, Maura Ryan, Katherine Spiess

Members absent: Patricia Bellia, Emily Chin, Barbara Mangione, Mary Ann McDowell, Agnes Ostafin, Erica Pirnie, Anna Skoien

Guests: Rhonda Brown, Director, Office of Institutional Equity

Observers: Mary Hendriksen, reporter

Prof. Phelps, chair, called the meeting to order at 4:05 p.m.

1. Minutes approved: After Prof. Phelps made a correction to the minutes of the meeting of October 7, 2003, members approved the minutes of both the meetings of April 14, 2003, and October 7, 2003.

2. Adding male members to the Committee: Prof. Phelps read a letter from Fr. Malloy dated October 21, 2003, agreeing to the Committee's suggestion that he add male members to the Committee as a signal that the concerns of the Committee are concerns of the entire campus community. He said that he will consult with the University's Officers' Group and, as suggested in the Committee's letter, appoint a male faculty member, a male graduate student, and a male undergraduate student to serve on the Committee.

3. Participation of the Committee in the University's accreditation review: Prof. Barbara Walvoord is writing the University's self-study in preparation for this year's accreditation review by the North Central Association. Prof. Phelps distributed copies of the current draft of the section on the UCWFS and reported that Prof. Walvoord met with WATCH this month and received much good input from its members on Chapter 11 of the self-study, "A Diverse and International Community."

Prof. Ryan suggested that the section of the study devoted to the UCWFS should include some of the accomplishments that

have resulted from advocacy on the part of the Committee—for example, the establishment of a campus daycare facility, the faculty mentoring program, the policy on extension of appointments for primary caregivers, and the policy on teaching load relief after the birth or adoption of a child. She also suggested that the Committee have its own meeting with Prof. Walvoord.

Prof. Phelps said that she would ask Prof. Walvoord to attend the Committee's November 11th meeting. She will circulate the current draft of Chapter 11 before that meeting.

4. Eating disorders on campus: Sr. Mary Louise Gude, CSC, gave a short history of the involvement of several University offices and groups in addressing and treating eating disorders and reported on resources currently available to students.

Sr. Mary Louise said that the University Counseling Center has conducted two surveys of eating disorders among Notre Dame students—one in 1988 and one in 2000. The 2000 study did not find any significant change from that of 1988 in the incidence of eating disorders on campus. While both studies found that eating disorders among Notre Dame students occur at a rate similar to that of the population of the United States as a whole, the researchers who conducted the 2000 study concluded that:

- Denial plays a significant role in many students' reluctance to seek help;
- Students in 2000 were as reluctant to seek help as the students 12 years earlier;
- Notre Dame's residential environment, coupled with attitudes characteristic of high-achieving students, causes the behaviors of some students (behaviors related to eating habits, exercise, and attention to appearance and weight) to impact others significantly;
- Relationships suffer because of eating concerns;
- Notre Dame students, like students across the country, are influenced by a culture that overemphasizes appearance, size, and eating behaviors.

[See: <http://www.nd.edu/~prinfo/news/2001/4.24a.html>]

Sr. Mary Louise said that awareness of the problem and publicity concerning it have increased in recent years. The University Counseling Center sponsored the University's first Body Image Week in February 2000. Subsequent Body Image Weeks have included participation by the Health Center, Nutritional Services, and UBWell2, a student-run wellness organization. While activities during that week were not well attended in the event's first year, response from students has improved in every subsequent year.

Sr. Mary Louise said that Susan Steibe-Pasalich, director of the Counseling Center, has renewed outreach to rectors on this topic. Out of the four case conferences rectors will hold this year, one will focus on eating disorders.

Sr. Mary Louise said that the Counseling Center's decision to hire Valerie Staples as a counselor has been a key development in the University's response to this problem over the last few years. Ms. Staples, who joined the Center in 2001, and is now full-time there, has instituted a team approach to student cases of eating disorders. After every intake interview in which a problem with eating disorders is identified, referral is made to a team that includes Ronald Aigotti, a physician; Anna Urhan-Wasierski, a nutritionist; and Ms. Staples. While all of the Center's counselors work with students who suffer from eating disorders, the team oversees each case.

Sr. Mary Louise commented that the Counseling Center can put together all the proper structures to help students with eating disorders, but the difficulty is making students aware of the problem, getting them to acknowledge it, and then to come forward for help. Also, she said, there needs to be student "buy-in" for programs to be successful. That was much in evidence this fall when Jessica Weiner's talk on body image—sponsored by the Counseling Center, the Health Center, A Life Uncommon, and UBWell2—was attended by over 350 students.

Prof. Phelps said that while eating disorders are a problem nationwide, there may be aspects of their manifestation at Notre Dame that relate to the issue of the University's cultural climate—a subject the Committee has often discussed.

Members then discussed what would be most appropriate and helpful role of the Committee in addressing the problem of eating disorders. They concluded that a subcommittee should examine what aspects of the problem are unique to Notre Dame, particularly in regard to its distinctive brand of residentiality, as well as to the athleticism and what might be called the "overachiever syndrome" common among Notre Dame students.

Sr. Mary Louise will head the subcommittee on eating disorders. Prof. Spiess and Ms. Dube volunteered to serve on the subcommittee as well.

5. Adequacy of Notre Dame's sexual harassment policies: At the last meeting, Prof. Phelps reported that a woman faculty member contacted her who believes she has been the victim of sexual harassment at Notre Dame. The faculty member believes that current University's policies are inadequate to deal with the circumstances of her own case and those with similar experiences.

Notre Dame's existing sexual harassment policy can be found in the faculty handbook and at http://www.nd.edu/~provost/handbook/pages/faculty_info/unv_pol_disc_harass.shtml#top Prof. Phelps distributed several proposed amendments to the existing policy submitted by the faculty member.

She then asked Rhonda Brown, director of Notre Dame's Office of Institutional Equity, to address the Committee on procedures now in place at the University for dealing with charges of sexual harassment.

Ms. Brown said that the University's sexual harassment policies are designed to be as user friendly as possible. Thus, a victim of sexual harassment can report an incident or incidents to more than one person—in the case of charges against a faculty member, either to Prof. Carol Mooney, vice president and associate provost, or to Ms. Brown's own office, which also handles allegations against faculty and staff.

Ms. Brown explained that charges can be pursued and resolved either formally or informally. While the choice is up to the victim, if the behavior is egregious, she said, she will encourage the victim to file a formal complaint. Even when the victim

chooses to proceed with an informal resolution, however, discipline or other documentation issued to the harasser may be kept in that person's University file. Only a formal complaint can result in dismissal.

Ms. Brown said that there are more informal resolutions than formal—roughly an 80/20 split. In cases alleging harassment by faculty and staff, a typical year would be approximately 25 informal complaints and 2 formal complaints. Of that total, few of the complaints filed are against Notre Dame faculty. Three or four complaints against faculty in one year, Ms. Brown said, would be a bad year.

Prof. Bergen asked how many instances of sexual harassment Ms. Brown thinks go unreported.

Ms. Brown estimated that in a year with 25 complaints, perhaps there are another five cases that go unreported.

Committee members then discussed the adequacy of University training in defining, recognizing, and reporting sexual harassment. Sr. Mary Louise pointed out that while members of Notre Dame staff receive training upon hiring, there is no formal training for faculty.

Prof. Phelps said that the issue of sexual harassment may be related to the University's difficulties in hiring and retaining women faculty members.

Prof. Ryan asked Ms. Brown if she believes Notre Dame's current policies on sexual harassment are adequate.

Ms. Brown said that while she had not yet had an opportunity to review the amendments to the current policy proposed by the faculty member, she believes that Notre Dame's policies are very similar to its peer institutions. Some institutions have a greater emphasis on procedures and timelines, but she has seen this work against victims. When a date is missed, the entire complaint can be jeopardized.

Three Committee members—Profs. D'Angelo, Phelps, and Ryan—along with Ms. Brown, a permanent guest of the Committee, volunteered to form a subcommittee to study the adequacy of Notre Dame's policies and to consider the faculty member's proposed amendments. They will also discuss ways to raise the level of awareness at the University of what constitutes sexual

harassment and how complaints should be filed.

6. Changing the words to the Notre Dame Fight song: Prof. Phelps reported that the General Counsel's office is working with an interested faculty member on changing the words of the *Notre Dame Victory March* to make them more gender inclusive.

7. Maternity leave for graduate students: Ms. Byrne explained that currently, Notre Dame's graduate students are not accorded any formal maternity leave. Leave is considered a matter between the student and her advisor. There are no guidelines for time off or stipends. Thus, procedures and outcomes vary widely across the University.

Ms. Byrne said that in a preliminary review of peer institutions, she has discovered that MIT is one university in the process of formulating a maternity leave policy for graduate students. She will chair a subcommittee on this issue and continue her research on practices and policies at peer institutions.

8. Visibility of Committee: On behalf of Prof. Bellia, Prof. Phelps asked members to think about ways that the University community can be made more aware of the existence of the Committee and how best to inform faculty and students of its willingness to consider how policies, practices, and the general environment of the University can be improved for women.

9. Visioning session: In connection with the setting of goals and priorities for the University's upcoming capital campaign, Committee members discussed devoting a future meeting to a visioning session on:

- What could Notre Dame look like for women in ten years?
- What resources would it take to get there?

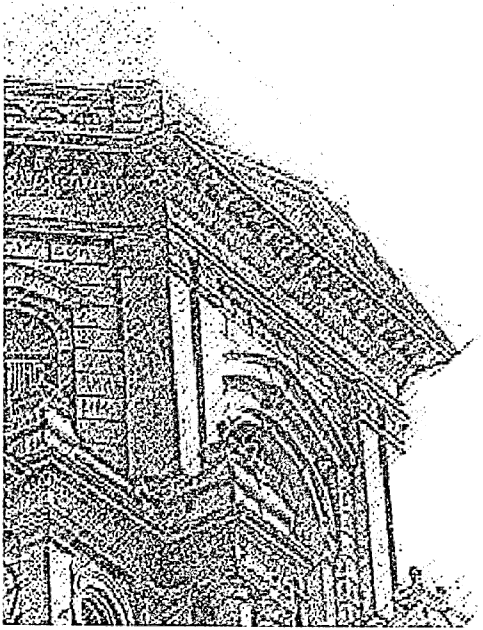
They said that such a session would lead to a proactive stance for the Committee rather than what often seems to be a reactive one. It was suggested that every member take her own particular corner of the University—whether a department, the Office of Student Affairs, or the world of undergraduate or graduate students—and begin reflecting on changes to it that would make the University a better place for women.

There being no further business, Prof. Phelps adjourned the meeting at 5:40 p.m.

Omissions and Corrections

Two names were inadvertently left off the Faculty Grievance Committee. They are: **Kathleen Peterson**, Special Professional Faculty, whose term ends in 2004; and **Mary Prorok**, Research Faculty, whose term also ends in 2004.

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