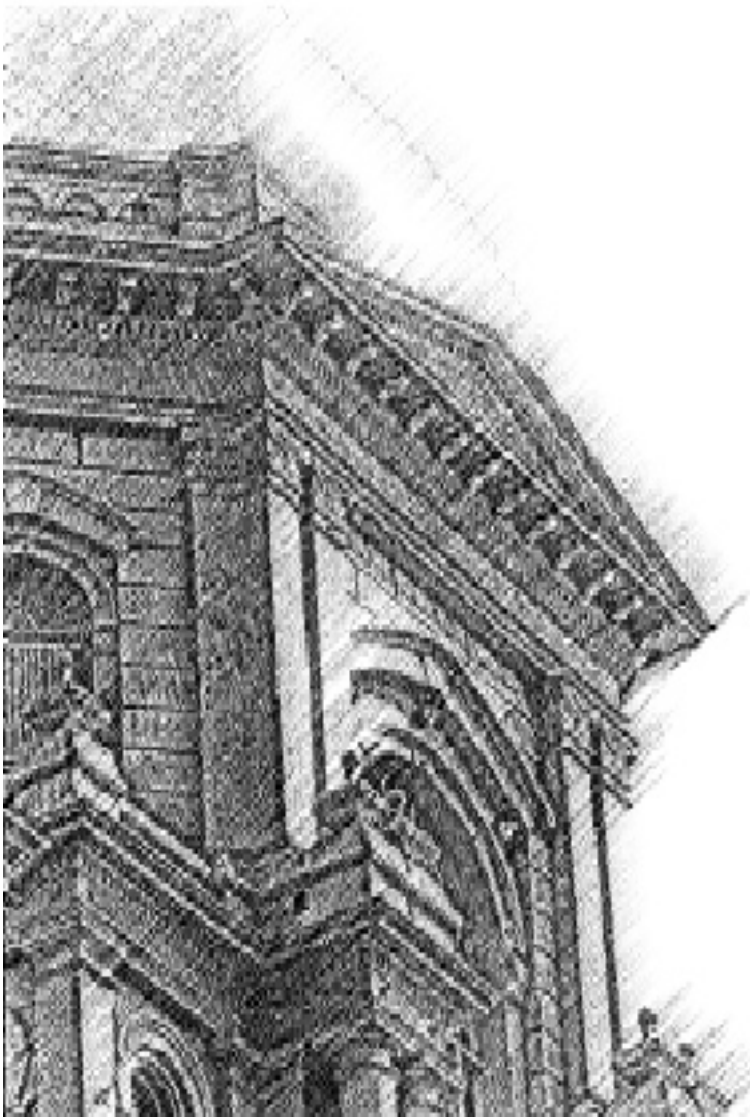


# Notre Dame Report

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# The University

## Academic Apparel Rental

Measurements for academic apparel for the May 2006 Commencement Exercises will take place on Tuesday and Wednesday, April 4 and 5, ONLY from 10:00 a.m. to 7:00 p.m. at the Hammes Notre Dame Bookstore in the Eck Center. You may also

order online at [www.herffjones.com/](http://www.herffjones.com/) faculty, April 2–28. The rental of a doctoral cap, gown, and hood is \$45. Faculty who received a PhD or law degree from Notre Dame may rent the Notre Dame doctoral cap, gown, and hood. The rental fee is \$100. The rental of a cap, gown, and hood for the master's degree is \$42.

# Faculty Notes

## Honors

**Ani Aprahamian**, professor and chair of the Dept. of Physics, was named an organizer of the international technical programme committee of “Nuclear Data for Science and Technology” to take place in Nice, France, April 22–27, 2007.

**Robert Battalio**, professor of finance, has been named an associate editor for the *Journal of Financial Markets*.

**Stephen M. Hayes**, librarian, was appointed for a one-year term to the South Bend Common Council's Information and Technology Committee.

**Kwan S. Kim**, professor of economics and policy studies and Fellow of the Kellogg Institute, was elected to serve as chair of the advisory board of the Korea–America Economic Association.

**Philip J. Sakimoto**, professional specialist in physics, was appointed to the program organizing committee for “Engaging the EPO Community: Best Practices, New Approaches,” a national space science education conference to be held in conjunction with the 118th annual meeting of the Astronomical Society of the Pacific, Sept. 16–18 in Baltimore.

**Mark Schurr**, associate professor and chair, Dept. of Anthropology, was elected to the executive board of the Midwest Archaeological Conference for a two-year term

beginning October 2005. He will also host the Midwest Archaeological Conference's annual meeting at Notre Dame in October 2007.

**Anthony M. Trozzolo**, the Huisking Professor Emeritus of Chemistry, became a 50-Year Life Member of the American Association for the Advancement of Science. He was elected a Fellow of AAAS in 1963.

## Activities

**Ani Aprahamian**, professor and chair of the Dept. of Physics, presented “Nuclear Physics: Following the Light in the Universe,” an invited talk, at the “2006 Joint Annual Conference of National Society of Black and Hispanic Physicists,” San Jose, Calif., on Feb. 17.

**Robert Audi**, the Gallo Professor of Business Ethics, presented “Business Ethics, Stakeholder Rights, and Corporate Responsibility” at Colgate Univ., Hamilton, N.Y., Nov. 13–14; “The Grounds and Structure of Reasons for Action” and “Ethical Leadership and Leadership in Ethics: Beyond the Codes and Across the Board” at Northwestern Univ. Kellogg School of Management, Nov. 14–15; and “Religion in the Workplace” for the Society for Business Ethics, New York, Dec. 28.

**Dinshaw S. Balsara**, assistant professor of physics, presented the invited talk titled “Simulating the Turbulent Mixing of Metals and Radioactivities in the ISM” at “Astronomy with Radioactivities V,” Clemson Univ., Sept. 5–9; and “Turbulent Mixing and Magnetic Field Amplification in the ISM” on Nov. 30 at Los Alamos National Laboratory.

**Jeffrey Bergstrand**, professor of finance, presented the keynote address, “Causes and Consequences of the Growth of Regionalism,” at the conference, “The New Regionalism: Progress, Setbacks, and Challenges,” sponsored by the Inter-American Development Bank and the Centre d'Etudes Prospectives et d'Informations Internationales (CEPII) of France at the Inter-American Development Bank in Washington, D.C., Feb. 9–10.

**Paul M. Cobb**, associate professor of history and Fellow of the Medieval Institute, was invited to present “Jihad and Its Discontents” at Colby College in Waterville, Me., on Feb. 24.

**Philippe Collon**, assistant professor of physics, presented “Accelerator Mass Spectrometry: From Tracing Oceans to Nuclear Astrophysics,” an invited talk, at the “2006 Joint Annual Conference of the National Society of Black Physicists and the National Society of Hispanic Physicists,” San Jose, Calif. on Feb. 17.

**Agustin Fuentes**, the O'Neill Associate Professor of Anthropology and Flatley Director of Undergraduate and Post-Baccalaureate Fellowships, presented "Niche Construction, Complexity and Cooperation: Modeling Human Evolutionary Responses to Complex Challenges" at the American Association for the Advancement of Science annual meeting held in St. Louis, Feb. 16–20.

**Jacek K. Furdyna**, the Marquez Professor of Physics and Fellow in the Nanovic Institute, presented "Ferromagnetic Resonance Studies of Dilute Magnetic Semiconductors," an invited talk, at a meeting of the American Physical Society, Los Angeles, March 21–25; "Coupled II-VI Semiconductor Quantum Dots: Manipulation of Spin Polarization by Inter-Dot Exchange Interaction," an invited talk, with **Malgorzata Dobrowolska**, director of undergraduate studies and professor of physics, and S. Lee at the "Fourth International Workshop on Advances in II-VI Semiconductors," Wuerzburg, Germany, July 18–20; "Inter-Dot Spin Exchange Interaction in Coupled II-VI Semiconductor Quantum Dots," an invited talk, with S. Lee and Malgorzata Dobrowolska at the "Twelfth International Conference on II-VI Compounds," Warsaw, Poland, Sept. 12–16; "Electronic Effects Determining the Formation of Ferromagnetic  $\text{III}_{1-x}\text{Mn}_x\text{V}$  Alloys During Epitaxial Growth" at the physics colloquium, Ohio Univ., Athens, Sept. 29; "Electron Paramagnetic Resonance Study of Spin-Spin Interactions in strongly-coupled  $\text{II}_{(1-x)}\text{Mn}(x)\text{VI}$  Magnetic Semiconductors," a contributed talk, at the "Conference on Magnetism and Magnetic Materials," San Jose, Calif., Oct. 30 through Nov. 3; "Effects Limiting the Formation of Ferromagnetic  $\text{III}_{1-x}\text{Mn}_x\text{V}$  Alloys by Epitaxial Growth," an invited talk, at the annual meeting of the American Vacuum Society, Oct. 30 through Nov. 3; and "Controlling the Easy Axis of Magnetization in Ferromagnetic  $\text{III}_{1-x}\text{Mn}_x\text{V}$  Semi-Conductors," an invited talk, at the "International Symposium on Structure and Dynamics on the Nanometer Scale," Duisburg-Essen, Germany, Nov. 10–13.

**Peter M. Garnavich**, associate professor of physics, presented "Dark Energy with ESSENCE," an invited talk, for the "Symposium on Particle Astrophysics and Cosmology," Beijing, Aug. 22–26 2005; "Measuring

Dark Energy with Supernovae," a seminar at Fermi National Laboratory, Batavia, Ill. on Oct. 31; "The Discovery of the Accelerating Universe," a presentation at Hampshire College, Amherst, Mass. on Dec. 13; "Age and Metallicity Effects on the Brightness of Type Ia Supernovae," an invited talk, at the "JINA Workshop on Classical Novae and Type Ia Supernovae," Santa Barbara, Calif., May 20–21; and "Measuring Dark Energy with Supernovae," an invited colloquium at the Univ. of Virginia Astronomy Dept., Charlottesville, March 21, 2005.

**Michael D. Hildreth**, assistant professor of physics, presented "Energy Spectrometers and ATF" at the "Third Mini-Workshop on Nano Project" at ATF, KEK, Tsukuba, Japan, on May 31; "The End Station: A Linear Collider Test Beam" at "Nanobeam 2005," Kyoto, Japan, on Oct. 19; "The DØ Experiment at the Tevatron: Recent Results and Prospects," Wayne State Univ., Detroit, on April 1; "Energy Spectrometer Update" at "Physics at Linear Colliders" (LCWS 2005), Stanford, Jan. 8, 2005; "Production, Masses, and Lifetimes of B and C Hadrons at the Tevatron," *Rencontres de la Physique de la Vallée d'Aoste, La Thuile, Italy*, on March 2, 2005; "A BPM-Based Energy Spectrometer" at the "2005 Machine-Detector Interface Workshop," Stanford Linear Accelerator Center, Jan. 8, 2005; and "The DØ Run II Tracking System: Recent Results and Prospects" at Lawrence Berkeley Laboratory, Jan. 5, 2005.

**J. Christopher Howk**, assistant professor of physics, presented the colloquium titled "Studying the Cosmic Evolution of Galaxies Through Their Gas" for the New Mexico State Univ. Astronomy Dept., April 15; for the Univ. of Wisconsin Astronomy Dept., Oct. 18; and for the Ohio State Univ. Astronomy Dept., Nov. 3.

**Boldizsár Jankó**, associate professor of physics and director of the Institute for Theoretical Studies, presented a colloquium in August at the Univ. of Wisconsin, Milwaukee; an invited talk in September at the "Joint JSPS and ESF Conference on Vortex Matter in Nanostructured Superconductors, Vortex VI," Crete, Greece; and an invited talk in September at the "US-Spain Workshop on Nanoscale Materials," Segovia, Spain.

**Walter R. Johnson**, the Freimann Professor of Physics, presented a short course on relativistic many-body methods, "One Electron Dirac Equation and the Brown-Ravenhall Many-Electron Hamiltonian," "Relativistic Many-Body Perturbation Theory," and "Relativistic Coupled-Cluster Theory" at the CEA/DAM, Île de France, Bruyères-le-Châtel, France, July 1, 7, and 8.

**James J. Kolata**, professor of physics, presented the invited talk, "6He Transfer and Breaking Reactions near the Coulomb Barrier" at the "Workshop on Near and Sub-barrier Fusion of Radioactive Ions with Medium and Heavy Targets," Oak Ridge National Laboratory, Dec. 2–3, and at "Pacifichem 2005," Honolulu, Dec. 15–20.

**Grant Mathews**, professor of physics and director of the Center for Astrophysics, presented "An Update on Core-Collapse Supernovae and r-Process Nucleosynthesis" at the "Astrophysics Seminar CANDU," Notre Dame, Jan. 18, 2005; "r-Process in the Hot Supernova Bubble: Where Do We Stand and Where Do We Go from Here?" at the "JINA r-Process Workshop," Notre Dame, Jan. 28, 2005; "The Hunt for Parallel Universes and the Fifth Dimension," a public outreach talk, at the Forever Learning Institute, South Bend, Feb. 23, 2005; "Einstein's Last Quest: The Search for Parallel Universes and Extra Dimensions," jointly with **Christopher Kolda**, associate professor of physics, as a public outreach lecture, Notre Dame, Feb. 24, 2005; "Recent Progress in Core-Collapse Supernova Explosion Models and r-Process Nucleosynthesis" at the "Interdisciplinary Workshop on the Nuclear Shell Model, Astrophysics, and Solid-State Physics," RIKEN, CNS, March 5; "The Hunt for Parallel Universes and the Fifth Dimension," a Quarknet outreach talk, South Bend, April 11; "A Journey to the Center of the Galaxy: A Giant Black Hole, Lost Matter; and Exploding Stars," a public outreach lecture, at St. Joseph High School, May 18; a colloquium for the Vietnamese Academy of Science and Technology, Institute of Physics and Electronics, Hanoi, titled "An Introduction to Cosmology, Dark Matter and Dark Energy," June 1; a colloquium for the Center for Theoretical Physics, Institute of Physics, Hanoi Univ., titled "The Cosmological Search for Parallel Universes and Extra Dimensions,"

June 16; “Part I: Introduction to Cosmology, Dark Matter and Dark Energy” and “Part II: The Beginning: Various Views on Inflation, the Multiverse, and the Pre-Big Bang,” both for the “Tokyo Univ. Center of Excellence Distinguished Lecture Series on Particle Cosmology, Supernova Explosions and Nucleosynthesis,” June 29, followed by “Part III: The Cosmological Search for Extra Dimensions and Parallel Universes,” “Part IV: The First Elements: Primordial Nucleosynthesis and Early Galactic Chemical Evolutions,” and “Part V: An Introduction to Relativistic Hydrodynamics,” on June 30, “Part VI: An Update on Core-Collapse Supernovae and r-Process Nucleosynthesis” and “Part VII: White Dwarfs, Neutron Stars, and Type I Supernovae,” both on July 1; “An Update on Core-Collapse Supernovae and r-Process Nucleosynthesis” for the Astronomy Dept. colloquium, Tokyo Univ. on July 5; “The Beginning: Various Views on Inflation, the Multiverse, and the Pre-Big Bang” for the “Astrophysics Seminar CANDU,” Notre Dame, on Aug. 30; and the invited talk titled “Keeping Up with V2: Exploding Stars, Melting Cyclotrons, Phantom Gamma Rays, and the Search for More Lithium” at the Indiana Univ. Cyclotron Facility mini-symposium in honor of Vic Viola, “Celebration of a Career,” Oct. 29.

**Juan Migliore**, professor of mathematics, presented the invited talk “The Weak Lefschetz Property and Its Geometry” in the Algebra and Combinatorics Seminar at Texas A&M Univ., on Feb. 17.

**Rev. Ronald Nuzzi**, director of the ACE Leadership program, presented a workshop titled “Catholic School Research 2000–2005” for principals in the Archdiocese of Indianapolis, Feb. 23.

**Simon M. Pimblott**, professional specialist in the Radiation Laboratory and concurrent research professor of physics, presented “Stochastic Treatment of Fundamental Radiation Chemistry and Investigations by Heavy Ion Beams,” written with **Jay A. LaVerne**, professional specialist in the Radiation Laboratory and concurrent research professor of physics, on Feb. 3 at the Nuclear Professional School, Univ. of Tokyo, Tokai, and telecast to the Dept. of Nuclear Engineering and Management, Univ. of Tokyo; “Gamma and Heavy

Ion Experiments and Stochastic Calculations on Hydrocarbons,” written with K. Enomoto and Jay A. LaVerne, on Feb. 6 at the Institute of Scientific and Industrial Research, Univ. of Osaka; and “Stochastic Early Events in Radiation Chemistry and Investigations by Heavy Ion Beams,” written with Jay A. LaVerne, on Feb. 9 at the “Ninth Sanken International Symposium on Advance Science and Technology for Materials, Biology and Information by Quantum Beams,” Osaka.

**Maryfrances Prorok**, research associate professor of chemistry and biochemistry, presented an invited seminar titled “The Structure of the Angiotensin/VEK-30 Complex” at the “Gordon Conference,” Ventura, Calif., on Feb. 20.

**Karen Richman**, assistant professor of anthropology and Fellow in the Kellogg Institute and Institute for Latino Studies, presented “Call Us Vote People: Citizenship, Migration and Transnational Politics between Haiti and the United States” to the panel on “Immigration and Citizenship in Europe and the United States: Anthropological Perspectives” and “Congregating by Cassette,” with T. Rey, to the panel on “Caribbean Media Worlds,” both at the annual meeting of the American Anthropological Association, Washington, D.C., in December.

**Philip J. Sakimoto**, professional specialist in physics, organized and led two special invited sessions on “Expanding Minority Institution Involvement in the Sciences” at the “2006 Joint Annual Conference of the National Society of Black Physicists and the National Society of Hispanic Physicists,” Feb. 16 in San Jose, Calif., where he presented an invited paper “Space Science at Minority Universities: Ingredients for Success,” was coauthor on a second invited paper titled “Building Partnerships: The Experience of Chicago 2004,” and moderated two panel discussions titled “Space Science at Minority Universities: Reflections from Personal Experience” and “Pathways Towards Expanding Minority Institution Involvement in the Sciences.”

**Carol E. Tanner**, associate professor of physics, presented “Absolute Optical Frequency Measurements of  $6s\ 2S_{1/2}-6p\ 2P_{1/2}$  (D1) Transitions in  $^{133}\text{Cs}$  and Their Impact on the Fine-Structure Constant,” an

invited seminar, at Harvard Univ., Oct. 4; “Absolute Optical Frequency Measurements of the Cesium D1 Transitions in a Thermal Atomic Beam Using a Femtosecond Laser Frequency Comb” with V. Gerginov, K. Calkins, S. Diddams, A. Bartels, J. McFerran, and Leo Hollberg at APS, Tampa, in April; “High Resolution Spectroscopy with a Femtosecond Laser Frequency Comb” with V. Gerginov, S. Diddams, A. Bartels, and L. Hollberg at CLEO/QELS in Baltimore, May 22–27; “Direct Spectroscopy of Cesium with a Femtosecond Laser Frequency Comb” with V. Gerginov, S.A. Diddams, A. Bartels, and L. Hollberg at the “Seventeenth International Conference on Laser Spectroscopy (ICOLS),” Cairngorms National Park, Scotland, June 19–24; and “Femtosecond Laser Frequency Combs: Optical Synthesizers for High Precision Spectroscopy and Frequency Metrology” with S.A. Diddams, A. Bartels, T. Fortier, E. Ivanov, J. McFerran, W. Oskay, G. Wilpers, C.W. Oates, J.C. Bergquist, L. Hollberg, and V. Gerginov at EQEC, Munich, in June.

**Thomas S. Vihetic**, research associate professor of biological sciences, presented the poster “Expressed Sequence Tag Analysis of Zebrafish Eye Tissues for NEIBank,” written with J.M. Fadool, J. Gao, K.A. Thornton, **David R. Hyde**, professor of biological sciences and the Rev. Kenna, CSC, Memorial Director of the Center for Zebrafish Research, and G. Wistow at the “Great Lakes and Abrahamson Pediatric Eye Institute Vision Research Conference,” Cincinnati, Nov. 11–12; and the invited talk “Molecular Genetic Analysis of Ocular Lens Development and Growth in Zebrafish” at the “Vision Research Seminar,” Kellogg Eye Center, Univ. of Michigan, on Feb. 9.

**Mitchell R. Wayne**, associate dean of Science and professor of physics, presented “Fabrication Status of the Quarter Scale Scintillating Strip Muon Detector Prototype Planes” at the “LCWS Workshop,” Stanford, March 21, and “Fabrication of Quarter-Size Scintillating Strip Muon Detector Planes” given at the “Snowmass Linear Collider Workshop,” Snowmass, Colo., Aug. 22.

**John P. Welle**, professor of Romance languages and literatures and concurrent professor of film, television and theatre, and Fellow, Nanovic Institute for European Studies, gave an invited lecture titled “*Il cinema arriva in Italia*” at the Univ. of Bologna on

Oct. 17; was an invited participant in an international conference “*Renzo Renzi: un intellettuale disarmato*” at the Cineteca of the Comune of Bologna on Oct. 19; and presented “Film and Literary Interactions in Contemporary Italian Narrative” at the international conference “Narrative Synergies: Cinema and Literature in Contemporary Italy” at Oxford Univ., Jan. 21.

**Michael Wiescher**, the Freimann Professor of Physics, presented “Nuclear Astrophysics at Notre Dame” at the “Seminar, Institut für Kernchemie,” Univ. Mainz, Germany, and again at Michigan State Univ., East Lansing, in March 2005; “Neutron Capture in Light Halo Nuclei—Trigger of a Light  $r$ -Process?” in the “n-ToF Workshop on Neutron Induced Reactions” CERN, Geneva, Switzerland in March 2005; “Goals and Status of Experimental Nuclear Astrophysics” at the NSAC sub-committee meeting, Bethesda, Md. in April 2005; “Stellar Neutron Sources for the s-Process” at the Aspen workshop on “The Physics of the s-Process,” Center for Physics, May 29 through June 12; “JINA, Achievements and Accomplishments” at the NSF PFC directors’ meeting, Washington, D.C., July 6; “Nucleosynthesis—The Origin of the Elements” at the “Gordon Conference,” Maine, July 12; and “Nucleosynthesis on the Extremes of temperature and Density—From Thermonuclear to Pycnonuclear Reactions, an invited plenary talk at the “VI Latin American Symposium on Nuclear Physics and Application” in Iguaz, Argentina, Oct. 3–7.

**Olaf G. Wiest**, professor of chemistry and biochemistry, presented the invited talk “From the Chip to the Cell: CAMP of HDAC Inhibitor” at the “Fiftieth National Meeting of the Biophysical Society,” Feb. 17–19.

**Rev. Oliver F. Williams, CSC**, the director of the Center for Ethics and Religious Values in Business and Fellow of the Kroc Institute, presented a workshop on business ethics at King’s College on Feb. 3; “Peace Through Commerce: A New Dimension of Ethics Education” for “Ethics Week” at Notre Dame, Feb. 15; and “International Business: Africa” to the “International Career Workshop,” Notre Dame, Feb. 11.

**Carolyn Y. Woo**, the Gillen Dean and Siegfried Chair in Entrepreneurial Studies,

presented “Ethical Conduct: When Does It Begin?” for the Zeile Lecture Series, Valparaiso Univ., Feb. 2.

## Publications

**Anatolijs Afanasjev**, research assistant professor of physics, published “Nuclear Fusion in Dense Matter: Reaction Rate and Carbon Burning” with L.R. Gasques, E.F. Aguilera, M. Beard, L.C. Chamon, P. Ring, **Michael Wiescher**, the Freimann Professor of Physics, and D.G. Yakovlev, *Physical Review C* 72 (2005): 025806-01.

**Ani Aprahamian**, professor and chair of the Dept. of Physics, published “Study of the Low Spin States of  $^{208}\text{Bi}$  through  $\gamma$ - $\gamma$  Spectroscopy” with P. Boutachkov, K.H. Maier, G.V. Rogachev, **Larry O. Lamm** (research associate professor of physics), M. Quinn, B.B. Skorodumov, and **Andreas Wöhr** (research associate professor of physics), *Nuclear Physics A* 768 (2006): 22–42; and “Nuclear Structure Aspects in Nuclear Astrophysics” with K. Langanke and **Michael Wiescher**, the Freimann Professor of Physics, in *Progress in Particle and Nuclear Physics* 54 (2005): 535–613.

**Robert Audi**, the Gallo Professor of Business Ethics, published “Intrinsic Value and Meaningful Life,” *Philosophical Papers* 34, No. 3 (November): 331–53; and *Practical Reasoning and Ethical Decision* (London and New York: Routledge, 2006): xi–249.

**Dinshaw S. Balsara**, assistant professor of physics, published “The Distribution of Pressures in a SN-Driven Interstellar Medium I. Magnetized Medium” with M.M. MacLow, M. de Avillez, and J.S. Kim, *The Astrophysical Journal* 626 (2005): 864–76; “Amplification of Magnetic Fields by Supernova-Driven Turbulence, Part II—The Role of Dynamical Chaos” with J.S. Kim, *ibid.* 634 (2005): 390–406; and “Simulating the Boundary Layer Between a White Dwarf and Its Accretion Disk” with J.L. Fisker, *Astrophysical Journal Letters* 635 (2005): L69.

**David Bartels**, professional specialist in the Radiation Laboratory and concurrent professor of chemistry and biochemistry, published “Rate Constant and Activation Energy Measurement for the Reaction of Atomic Hydrogen with Thiocyanate

and Azide in Aqueous Solution” with S.P. Mezyk, *Journal of Physical Chemistry A* 109, No. 51 (2005): 11823–27; and “Reaction of Hydrogen Atoms with Hydroxide Ions in High-Temperature and High-Pressure Water” with T.W. Marín and C.D. Jonah, *ibid.*: No. 9 (2005): 1843–48.

**H. Gordon Berry**, professor of physics, published “A Brief and Personalized History of Doubly-Excited States” with B. Lin, *Physica Scripta T* 120 (2005): 105–16.

**Ikaros I. Bigi**, the Grace-Rupley Professor of Physics, published “On the Photon Energy Moments and Their ‘Bias’ Corrections in  $B \rightarrow X_s + \gamma$ ” with D. Benson and **Nicolai Uraltsev**, adjunct associate professor of physics, *Nuclear Physics B* 710 (2005): 371; “A ‘Known’ CP Asymmetry in Tau Decays” with A.I. Sanda, *Physics Letters B* 625 (2005): 47; “Four-Quark Mesons in Non-leptonic B Decays—Could They Resolve Some Old Puzzles?” with L. Maiani, F. Piccinini, A.D. Polosa, and V. Riquer, *Physical Review D* 72 (2005): 114016; and “*Per Aspera Ad Astra*—A Short Essay on the Long Quest for CP Violation” in *Proceedings of ‘Time and Matter—An International Colloquium on the Science of Time,’* which he coedited with M. Faessler (World Scientific, 2005).

**Eileen Hunt Botting**, the Rolfs Assistant Professor of Political Science, published *Family Feuds: Wollstonecraft, Burke, and Rousseau on the Transformation of the Family* (Albany: State Univ. of New York Press, 2006), and guest edited and wrote the introduction to a thematic issue of a refereed journal, “The End of Enlightenment?” *American Behavioral Scientist* 49, No. 5 (January): 643–749.

**Bruce A. Bunker**, professor of physics, published “EXAFS Studies of Bimetallic AgPt and AgPd Nanorods” with D. Lahiri, S. Chattopadhyay, C.M. Doudna, M.F. Bertino, F. Blum, A. Tokuhito, and J. Terry, *Physica Scripta T* 15 (2005): 776–80.

**Neal M. Cason**, professor of physics published the following with the Dzero Collaboration consisting of V.M. Abazov, et al., including from Notre Dame: L. Coney; E. Galyaev; **Anna Goussiou**, assistant professor of physics; **Michael D. Hildreth**, assistant professor of physics; R. Hooper; **Avtandyl Kharchilava**, research assistant

professor of physics; **Monika Lynker**, guest assistant professor of physics; **Randal C. Ruchti**, professor of physics; **William D. Shephard**, professor emeritus of physics; J. Torborg; **Jadwiga Warchol**, research professor of physics; **Mitchell Wayne**, associate dean of Science and professor of physics; N. Xuan; and H. Zheng): “Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events at D0,” *Physical Review Letters* 94 (2005): 041801; “Measurement of the  $B_s^0$  Lifetime in the Exclusive Decay Channel  $B_s^0 \rightarrow J/\psi \phi$ ,” *ibid.*: 042001; “A Search for the Flavor-Changing Neutral Current Decay  $B_s^0 \rightarrow \mu^+ \mu^-$  in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.96$  TeV with the DØ Detector,” *ibid.*: 071802; “Measurement of the  $\Lambda^0_B$  Lifetime in the Decay  $\Lambda^0_B \rightarrow J/\psi \Lambda^0$  with the DØ Detector,” *ibid.*: 102001; “A Search for and WH Production in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.96$  TeV,” *ibid.*: 091802; “Measurement of Dijet Azimuthal Decorrelations at Central Rapidities in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.96$  TeV,” *ibid.*: 221801; “Measurement of the Ratio of  $B^+$  and  $B^0$  Meson Lifetimes,” *ibid.*: 182001; “Measurement of the WW Production Cross Section in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.96$  TeV,” *ibid.*: 151801; “A Measurement of the Ratio of Inclusive Cross Sections  $\bar{p}p \rightarrow Zb/\bar{p}p \rightarrow Zj$  at  $\sqrt{s} = 1.96$  TeV,” *ibid.*: 161801; “A Search for Anomalous Heavy-Flavor Quark Production in Association with W Bosons,” *ibid.*: 152002; “First Measurement of  $\sigma(\bar{p}p \rightarrow Z) \cdot \text{Br}(Z \rightarrow \tau\tau)$  at  $\sqrt{s} = 1.96$  TeV,” *ibid.*: 072004; “Search for First-Generation Scalar Leptoquarks in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.96$  TeV,” *Physical Review D Rapid Communication* 71 (2005): 071104(R); “Study of  $Z\gamma$  Events and Limits on Anomalous  $ZZ\gamma$  and  $Z\gamma\gamma$  Couplings in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.96$  TeV,” *Physical Review Letters* 95 (2005): 051802; “Measurement of Inclusive Differential Cross Sections for  $\psi(1S)$  Production in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.96$  TeV,” *Physical Review Letters* 94 (2005): 232001; “Measurement of the  $\bar{p}p \rightarrow W\gamma + X$  Cross Section and Limits on Anomalous  $WW\gamma$  Couplings at  $\sqrt{s} = 1.96$  TeV,” *Physical Review D Rapid Communication* 71 (2005): 091108; “Production of WZ Events in  $\bar{p}p$  Collisions at  $\sqrt{s} = 1.96$  TeV and Limits on Anomalous WWZ Couplings,” *Physical Review Letters* 95 (2005): 141802; “Search for Neutral Supersymmetric Higgs Bosons in Multijet Events at  $\sqrt{s} = 1.96$  TeV,” *ibid.*: 151801; “Measurement of the  $\tau\tau$  Cross Section in  $\bar{p}p$  Collisions at  $\sqrt{s}$

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and J.R. Wilson, *ibid.* 630: 309–20; “Sensitivity of r-Process Nucleosynthesis to Light-Element Nuclear Reactions” with T. Sasaqui, T. Kajino, K. Otsuki, and K. Nakamura, *ibid.* 634, No. 2: 1173–89; “An Axisymmetric Object-Based Search for a Flat Compact Dimension” with D. Menzies, *Journal of Cosmology and Astroparticle Physics*, No. 10 (2005): 008; “Big Bang Nucleosynthesis with a New Neutron Lifetime” with T. Kajino and T. Shima, *Physical Review D* 71, No. 2 (2005): 021302; “Dark Matter and Dark Radiation in Brane World Cosmology and Its Observational Test in the BBN, CMB and Supernovae” with T. Kajino, F.K. Ichiki, P.M. Garnavich, and M. Yahiro, *Nuclear Physics B* 138 (2005): 82–85; “Observational Constraints on Accelerating Brane Cosmology with Exchange between the Bulk and Brane” with K. Umezu, K. Ichiki, T. Kajino, R. Nakamura, and M. Yahiro, *Physical Review D* (in press); “Light-Element Reaction Flow and the Conditions for r-Process Nucleosynthesis” with T. Sasaqui and T. Kajino, *Astrophysics Journal* (in press); “Origin and Evolution of Matter in Brane-World Cosmology” in *In Origin of Matter and Evolution of Galaxies*, M. Terasawa, S. Kubano, T. Kishida, T. Kajino, T. Motobayashi, and K. Nomato, eds. (Singapore: World Scientific Publishing Co. Pte. Ltd., 2005): 3.

**Ralph McInerny**, the Grace Professor of Medieval Studies and professor of philosophy, published “The Writing Life,” adapted from his autobiography *I Alone Have Escaped to Tell You: My Life and My Pastimes*, in *First Things*, No. 161 (March): 21–27.

**Catherine Perry**, associate professor of French and Francophone Studies, Fellow of the Nanovic Institute and the Kroc Institute, published the invited article “Sensual Deviations and Verbal Abuse: Anna de Noailles in the Critic’s Eye” in *A Belle Époque? Women and Feminism in French Society and Culture 1890–1910*, D. Holmes and C.e Tarr, eds. (Oxford: Berghahn Books, 2006) 239–51.

**Joseph M. Powers**, associate professor of aerospace and mechanical engineering, cowrote “Exact Solution for Multidimensional Compressible Reactive Flow for Verifying Numerical Algorithms” with T.D. Aslam, *AIAA Journal* 44, No. 2 (February): 337–44.

**Steven Ruggiero**, professor of physics, published “Cooling of Bulk Material by Electron-Tunneling Refrigerators” with A.M. Clark, N.A. Miller, A. Williams, G.C. Hilton, L.R. Vale, J.A. Beall, K.D. Irwin, and J.N. Ullom, *Applied Physics Letters* 86 (2005): 173508; “Measurement and Modeling of Phonon Cooling by Electron-Tunneling Refrigerators” with N.A. Miller, A.M. Clark, A. Williams, G.C. Hilton, J.A. Beal, K.D. Irwin, L.R. Vale, and J.N. Ullom, *IEEE Transactions on Applied Superconductivity* 15 (2005): 556–59; “Dilute Al-Mn Alloys for Superconductor Tunneling and Other Devices” with G.B. Arnold, A. Williams, A.M. Clark, N.A. Miller, and J.N. Ullom, *ibid.*: 125–28.

**Ulyana I. Safronova**, adjunct professor of physics, published “Excitation Energies, Hyperfine Constants, E1, E2, M1 Transition Rates, and Lifetimes of  $6s2nl$  States in Tl I and Pb II” with M.S. Safronova and **Walter R. Johnson**, the Freimann Professor of Physics, *Physical Review A* 71 (2005): 052506, 1–9; and “Relativistic Many-Body Calculations of Excitation Energies, Line Strengths, Transition Rates, and Oscillator Strengths in Pd-Like Ions” with T.E. Cowan and Walter R. Johnson, *Canadian Journal of Physics* 83 (2005): 813–28.

**James X. Sullivan**, assistant professor of economics, published “Welfare Reform, Saving, and Vehicle Ownership for the Poor: Do Asset Tests and Vehicle Exemptions Matter?” in the *Journal of Human Resources* 41, No. 1 (2006): 72–105.

**Yang Sun**, visiting associate professor of physics, published with Z.-C. Gao and Y.-S. Chen “Signature Inversion—Manifestation of Drift of the Rotational Axis in Triaxial Nuclei,” *Physics Letters B* 634 (2006): 195; and “Nuclear Structure of the Exotic Mass Region along the rp Process Path” with **Michael Wiescher**, the Freimann Professor of Physics, **Ani Aprahamian**, chairperson and professor of physics, and J. Fisker, *Nuclear Physics A* 758 (2005): 765c–768c.

**Carol E. Tanner**, associate professor of physics, published “High Resolution Spectroscopy with a Femtosecond Laser Frequency Comb” with V. Gerginov, S. Didams, A. Bartels, and L. Hollberg, *Optics Letters* 30 (July 1); and “Magneto-Optic Effects in Ferromagnetic Films: Implications for Spin Devices” with T. Williams,

S. Schwall, **Steven Ruggiero**, professor of physics, P. Shaklee, S. Potashnik, J.M. Shaw, and C.M. Falco, *Optics Communications* 259 (2006): 704–09.

**Thomas S. Vihtelic**, research assistant professor of biological sciences, published “Expressed Sequence Tag Analysis of Zebrafish Eye Tissues for NEIBank” with J.M. Fadool, J. Gao, K.A. Thornton, **David R. Hyde**, professor of biological sciences and the Rev. Kenna, CSC, Memorial Director of the Center for Zebrafish Research,

and G. Wistow, *Molecular Vision* 11 (2005): 1083–100; “Gene Duplication and Separation of Functions in aB-Crystallin from Zebrafish (*Danio rerio*)” with A.A. Smith, K. Wyatt, J. Vacha, J.S. Zigler Jr., G.J. Wistow, and M. Posner, *FEBS Journal* 273 (2006): 481–90; and “Regional Differences in Photoreceptor Cell Death and Regeneration in Light-Lesioned Albino Zebrafish” with J.E. Soverly, S.C. Kassen, and David R. Hyde, *Experimental Eye Research* 82 (2006): 558–75.

**Michael Wiescher**, the Freimann Professor of Physics, published “Measurement of the  $^{151}\text{Sm}(n,\gamma)^{152}\text{Sm}$  Cross Section at n\_TOF” with S. Marrone, et al., *Nuclear Physics A* 758 (2005): 533c–36c; “Effects of Uncertainties of the  $^{22}\text{Ne}(\alpha,n)^{25}\text{Mg}$  and  $^{13}\text{C}(\alpha,n)^{16}\text{O}$  Reaction Rates in the s-Process Yields” with M. Pignatari, R. Gallino, and F. Käppeler, *ibid.*: 541c–44c; “The Influence of Reaction Rates on the Final p-Abundances” with W. Rapp, H. Schatz, and F. Käppeler, *ibid.*: 545c–48c; and “Pycnonuclear  $^{12}\text{C}+^{12}\text{C}$  Reaction at Zero Temperature” with L.R. Gasques, M. Beard, and L.C. Chamon, *Journal of Physics G: Nuclear and Particle Physics* 31 (2005): S1859–63.

## Administrators' Notes

### Publications

**Alan Bigger**, director of Building Services, published “Flooring That Pays” in *Maintenance Solutions* 14, No. 2 (February): 22–23, and online at <http://www.facilitiesnet.com/ms/article.asp?id=3980>.

**Chuanjiang Hu**, research associate in chemistry and biochemistry, published “Models of the Membrane-Bound Cytochromes: Mössbauer Spectra of Crystalline Low-Spin Ferriheme Complexes Having Axial Ligand Plane Dihedral Angles Ranging from  $0^\circ$  to  $90^\circ$ ” with **W. Robert Scheidt**, the Warren Professor of Chemistry and Biochemistry, et al., *Journal of the American Chemical Society* 128 (2006): 1379–89.

## Documentation

### The University of Notre Dame The Academic Council

Meeting of August 30, 2005

**Members Present:** Rev. John I. Jenkins, C.S.C., John Affleck-Graves, Jean Ann Linney, Christine Maziar, Jeffrey Kantor, Rev. Mark Poorman, C.S.C., Seth Brown, Steven Buechler, Gilberto Cardenas, Austin Collins, Philippe Collon, Olivia Remie Constable, Tom Cosimano, Katie Crossin, Mary Rose D’Angelo, Kenneth DeBoer, Neil Delaney, Stephen Fredman, Nasir Ghiseddin, James Grace, Hope Hollocher,

Frank Incropera, Michael Lykoudis, Joseph Marino, Collin Meissner, McRae Miller, Christian Moevs, Robert Nelson, Carolyn Nordstrom, Patricia O’Hara, Hugh Page, Teresa Phelps, Ram Ramanan, Vijay Ramanan, John Robinson, Mark Roche, Valerie Sayers, Richard Taylor, Scott Van Jacob, Jennifer Warlick, Bill Westfall, Carolyn Woo, Jennifer Younger.

**Members Absent:** Ava Preacher

**Members Excused:** Thomas G. Burish, Dennis Jacobs, Panos Antsaklis

**Observers Present:** Mary Hendriksen, LTC Kelly Jordan, Harold Pace, Daniel Saracino, Matt Storin, Joy Vann-Hamilton

**Observers Absent:**

**Observers Excused:** Kevin Barry

**Guests Present:** Don Crafton, Hilary Crnkovich, Mike Edwards, Liz Spencer, Scott Appleby

The Reverend John Jenkins, C.S.C. opened the Academic Council's first meeting of the year at 3:35 p.m.

Prof. Woo offered a prayer.

### 1. Election of the Executive Committee:

In accordance with Article IV(3)(a) of the *Academic Articles*, members elected five of their number to the Executive Committee: Prof. Panos Antsaklis, Prof. Olivia Remie Constable, Prof. Neil Delaney, Prof. Carolyn Nordstrom, and Prof. John Robinson. After the final results were announced, Fr. Jenkins appointed three additional members: Prof. Hugh Page, Prof. Carolyn Woo, and Mr. Vijay Ramanan, academic delegate, Student Government. The *ex officio* members of the Executive Committee are: Prof. Thomas Burish, provost; Prof. Jean Ann Linney, vice president and associate provost; and Prof. Seth Brown, chair, Faculty Senate.

**2. Preview of Inauguration Events:** Ms. Crnkovich, Notre Dame's vice president of public affairs and communication gave an overview of events scheduled for Fr. Jenkins' inauguration on September 22–23, 2005. [See <http://inauguration.nd.edu/>]. Prof. Appleby, John M. Regan Jr. Director of Joan B. Kroc Institute for International Peace Studies, joined her in outlining the forum "Why God? Understanding Religion and Enacting Faith in a Plural World."

**3. Overview of Sponsored Research at Notre Dame:** Fr. Jenkins then asked Prof. Kantor, vice president for graduate studies and research, to comment on sponsored research in the Graduate School this past fiscal year and to outline certain changes the Office of Research has made to better serve faculty.

Prof. Kantor began by saying that the past year has been a remarkable, record-setting year at Notre Dame for sponsored research activity, with the University receiving \$80.8 million in new research awards. Moreover, for the sixth consecutive year, the University has experienced growth of 13 percent per year in this area—a statistic that is unprecedented in Notre Dame's history and puts us among the fastest growing research universities in the country.

Prof. Kantor explained that the new awards are distributed across the University: nearly \$40 million in the College of Science,

close to \$20 million in Engineering, a little over \$14 million in Arts and Letters, and approximately \$7 million in the Radiation Lab. While the \$80 million does not signify a record number of awards—there were 401 awards made out of approximately 800 proposals submitted—the amount is noteworthy in that much of it represents grants *additional* to the work of individual investigators. This is, Prof. Kantor said, most definitely the trend of the last several years: collaborative groups of faculty are submitting large-scale proposals and meeting with great success.

Prof. Kantor then highlighted two awards that he said resonate particularly well with Notre Dame's mission. First, in psychology, Prof. John Borkowski and his colleagues received two new awards last year—together, totaling nearly \$3 million. One grant supports their work in a multi-site intervention project designed to study the factors that lead to child abuse and neglect in at-risk mothers. Through gathering data in four cities and assessing a wide range of variables, the research team is investigating the impact of neglect on child development, the role of community agencies in preventing neglect, and the potential for developing more sensitive and responsive parenting in at-risk mothers. A second project promotes early intervention in the lives of at-risk mothers and their babies and helps to build responsive and enriching parenting skills in the participants. Prof. Kantor added that much of the work on these two grants takes place at the University's Center for Children and Families, just off campus on Ironwood.

Prof. Kantor explained that the second award he will highlight today is just one of many successful grants within the biological sciences in recent years. This year, three Notre Dame faculty members, Profs. Malcolm Fraser, Jean Romero-Severson, and Mary Ann McDowell, collectively brought in just over \$6 million to support their work in tropical diseases. One award, made to Prof. Fraser by the Bill and Melinda Gates Foundation's Grand Challenges in Global Health Initiative, is particularly noteworthy. Prof. Fraser's award was one of just 43 awards—10 of them in the United States—made out of 600 submissions. It will advance his research in ways to mitigate the transmission of dengue virus

in developing countries by modifying the insect vectors for the disease. Prof. Kantor noted that the award is a great acknowledgment of Prof. Fraser's work and the quality of his laboratory and field work.

Prof. Kantor went on to explain that one of the advantages of robust research activity at Notre Dame is its potential to "spin off" a whole range of resources that help to build the University's research infrastructure as a whole, thus benefiting many more than those awarded grants. Because research is such an expensive enterprise, those engaged in sponsored research receive Facilities and Administrative Costs funds (F & A) to cover some of their indirect costs. The University can then use these funds to underwrite various research-related expenses. Some of the monies are used to reinvest back in research—that number was \$10 million this past year, of which slightly over \$5 million went to support new faculty members' start-up costs: laboratories, stipends for graduate students, and the like. With other F&A, the Graduate School distributed just over \$2 million directly to Notre Dame's colleges, centers, and institutes. A portion of those funds are shared with the principal investigators. In addition, the Graduate School set aside \$1 million to increase stipends in this, the first year of a two-year plan, to bring graduate student stipends as a whole up to a more competitive level. With the remainder of the F&A monies, the University is making major investments in basic research infrastructure, such as laboratories, specialized library collections, and the renewal and restoration of equipment.

Prof. Kantor next outlined for Academic Council members a few initiatives underway in the Office of Research this year. He first introduced Michael Edwards, formerly director of technology transfer at Notre Dame and now the director of the Office of Research. Mr. Edwards, he said, has been doing outstanding work in terms of building strategies to reach out and better serve faculty. Thus, in the last few weeks, all faculty received a folder titled "Partners in Research" with materials informing them of the various mechanisms in place at Notre Dame to support their proposal submissions. One featured activity was a workshop in October for new faculty on proposal preparation.

Prof. Kantor also introduced Elizabeth Spencer, Notre Dame's new director of technology transfer. Prof. Kantor said that Ms. Spencer is an experienced professional in technology transfer—with that experience gained in mature companies and start-up companies in the private sector, in university laboratories, and most recently, in the technology transfer office at Carnegie Mellon University.

Prof. Kantor continued that he is in the process of adding some new positions in the Office of Research to better serve faculty in their grant-writing endeavors. Thus, one member of the Office of Research will be assigned to the College of Science and another to the College of Engineering to help faculty with proposal writing. (Prof. Kantor noted that dedicating personnel to assistance with grant writing has proved highly successful in the College of Arts and Letters' Institute for Scholarship in the Liberal Arts.) These experienced professionals will have a special focus in facilitating work on grant writing for the large, collaborative proposals he discussed earlier. These projects have their own set of challenges, Prof. Kantor observed. Faculty members often have many good ideas and are committed to working on a project for the common good; yet, frequently, the difficulty can be determining who or what particular nucleus of faculty will actually take the lead and be the catalyst for the project. In addition, Prof. Kantor said, the Graduate School will be hiring new support staff in the pre-award area and in technology transfer to better support those activities.

To close his presentation, Prof. Kantor said that the best way of obtaining a sense of where Notre Dame has been and where it is headed is by looking at some key numbers: There are now 800 active sponsored research awards at the University, representing \$160 million in funding. In 2005, Notre Dame received \$80 million in new awards; the year before, the amount was \$62 million. As a point of comparison, the Indiana University at Bloomington received \$55 million three years ago, the most recent year for which other institutions' data is available. Thus, Notre Dame is certainly on a fast-paced trajectory.

A member asked whether the growth of sponsored research affects undergraduate

research. That is, is there some trickle-down effect in terms of undergraduate opportunities?

Prof. Kantor said that there is a clear correlation between the two. The Office of Research did a tally and determined that, last year, there were nearly 600 opportunities for undergraduates on proposals that went out the door. While he does not have an accurate count of the number of undergraduates actually engaged in research projects across the University, that number is definitely in the several hundreds. Prof. Jacobs, an associate provost, is making a special effort this year to better organize undergraduate research through the development of a Web site that gives students a clear understanding of the opportunities available on campus and allows them to search more systematically for opportunities with professors.

Prof. Roche stated that in the College of Arts and Letters, there are 446 undergraduates involved in research. He suspects that Science and Engineering probably have bit higher percentage numbers.

Prof. Kantor said that undergraduate research is clearly a very important part of the educational experience for many Notre Dame students. In 2003, Andrew Sarazin, the University's most recent Rhodes Scholar, worked for Prof. Nora Besansky in Biological Sciences. He believes that Andrew would credit much of his success to the experience he had as an undergraduate in a research laboratory.

Fr. Jenkins thanked Prof. Kantor for his presentation, noting that it told a great story of the progress of sponsored research at Notre Dame.

There being no further business, Fr. Jenkins adjourned the meeting at 4:40 p.m.

Respectfully submitted,

## The University of Notre Dame The Academic Council

Meeting of September 20, 2005

**Members Present:** Rev. John I. Jenkins, C.S.C., Thomas G. Burish, John Affleck-Graves, Jean Ann Linney, Christine Maziar, Dennis Jacobs, Jeffrey Kantor, Rev. Mark

Poorman, C.S.C., Panos Antsaklis, Seth Brown, Steven Buechler, Austin Collins, Philippe Collon, Olivia Remie Constable, Tom Cosimano, Katie Crossin, Mary Rose D'Angelo, Kenneth DeBoer, Neil Delaney, Nasir Ghiaseddin, James Grace, Frank Incropera, Manish Kelkar, Joseph Marino, James McAdams, Collin Meissner, McRae Miller, Christian Moevs, Robert Nelson, Carolyn Nordstrom, Patricia O'Hara, Hugh Page, Teresa Phelps, Ava Preacher, Ram Ramanan, Vijay Ramanan, John Robinson, Mark Roche, Valerie Sayers, Richard Taylor, Scott Van Jacob, Jennifer Warlick, Bill Westfall, Jennifer Younger.

### Members Absent:

**Members Excused:** Gilberto Cardenas, Stephen Fredman, Hope Hollocher, Michael Lykoudis, Carolyn Woo

**Observers Present:** Mary Hendriksen, LTC Kelly Jordan, Harold Pace, Daniel Saracino, Matt Storin, Joy Vann-Hamilton

### Observers Absent:

**Observers Excused:** Harold Pace

The Reverend John Jenkins, C.S.C. opened the meeting at 4:35 p.m. with a prayer.

**1. Approval of the minutes of the meeting of April 20, 2005:** The minutes of the Academic Council meeting of April 20, 2005, were approved without change.

### 2. Meetings of the Academic Council

**Committees:** After short introductions by Fr. Jenkins and Dr. Burish, Notre Dame's new provost, members divided up into the Council's three standing committees to set their agendas for the year. Committee chairs submitted the following reports of their meetings:

**(a) Undergraduate Studies Committee (Prof. Preacher, chair):** Two issues remain unresolved from last year's committee work: grade validity and Advanced Placement (AP) credit.

**(1) Grade validity:** Recently, there have been attempts at other schools—most notably, Princeton—to study the issue of grade validity. One facet of the issue the committee intends to explore is the relationship—whether real or perceived—between high grades and high TCE's. Student members of the committee indicated that grade validity is an issue of concern to students.

(2) **Advanced Placement credit:** Over the years, there has been a large increase both in the number of incoming Notre Dame students receiving AP credit and the number of AP credit hours they amass. Committee members are concerned about this trend and want to explore how the University might best encourage students to take advantage of the opportunities offered on campus. The possibility that students might graduate early is just one facet of this discussion. Another facet is how any restriction of students' use of AP credit will impact the availability of courses and the resources of various departments. One proposal the committee may consider is altering the University's graduation requirement to stipulate that it is 90 collegiate credits, with 60 credit hours on Notre Dame's campus. This would require discussion of how credits earned at international sites are counted, as well as how credits are counted for transfer students.

Consideration of changes in handling AP credit drew members' attention to the *Academic Code*. It has been proposed that the *Academic Code*, and perhaps the *Academic Articles* as well, undergo a thorough review. Because Provost Burish has been at Notre Dame only a few weeks, committee members believe that such a review should wait until a later time. It is possible, however, that some changes to the *Code* or the *Academic Articles* can be handled in the usual way, through the Academic Council.

Another item committee members discussed is how the faculty, the departments, and the colleges can play a role in the University's admissions process. Some faculty members have noted that while Notre Dame students are gifted academically, they do not always have a passion for their work. In conjunction with two initiatives Prof. Jacobs has undertaken on understanding and enhancing student engagement, committee members hope to explore how the faculty might help admissions identify students who are most likely to bring a high level of engagement to their work.

Finally, student members said that an issue of concern to Notre Dame students is the delivery of information on academic programs. Many students feel that while much information is available, it is not always in the form or location best suited for student use. Currently, student government is

planning to organize a campus-wide fair for all academic programs. The committee will be kept informed of student progress on this front and revisit the issue if it becomes appropriate.

(b) **Faculty Affairs Committee (Prof. Robinson, chair):** Members committed themselves to exploring the following topics:

- New threats to academic freedom, particularly in the classroom;
- Possible amendments to the *Academic Articles*, particularly those provisions dealing with University searches for high-level academic officers and periodic reviews of those officers;
- Review of tenure and promotion criteria, with a focus on how current criteria align with 21<sup>st</sup>-century academic realities. One area the committee might explore is publishing requirements, for internet publishing may affect long-established views of the publishing standards used during tenure reviews. Another area to explore—particularly in light of the University's long-term interests in promoting excellence in teaching—is the weight given to a candidate's teaching record.
- Questions on a post-tenure review process—whether such a process should be established and, if so, what form it should take.

(c) **Graduate Council Members (Prof.**

**Constable, chair):** The committee set an agenda for the year that includes requests for presentations to the Graduate Council by: (1) Notre Dame's Development office—on the topic of fundraising for graduate education and research, and (2) Notre Dame's Public Affairs and Communications office—on the topic of how Notre Dame can be presented more effectively as a major research university. On both topics, committee members would like a short presentation by a member of the office followed by a longer discussion.

In addition, committee members discussed:

- Formation of a Graduate Council sub-committee to explore ways more expenses—such as student stipends, partial tuition, and academic year salary—can be built into grants;

- Establishment of opportunities for Graduate Council members to meet with the committee established by the Provost to review the relationship between the Graduate School and the Office of Research;
- Promotion of discussion in the Graduate Council on the issuing of departmental score cards. Possible questions are: What data should we track? What are the best mechanisms for evaluating quality? What kinds of structures should we have to support departments with good metrics (or to improve those with bad ones)? What benchmarks should we use? The Graduate Council may wish to form a sub-committee for this item.
- Study of the best practices for oral exams and dissertation proposals, with special attention to developing graduate students' capacities for oral expression and debate.

Two specific action items:

- The Graduate School should develop a standardized form for the use of outside chairs at examinations and defenses;
- All departmental directors of graduate studies should be on the Graduate Council's mailing list. They should receive the agenda for each meeting and be invited to attend meetings as non-voting observers.

There being no further business, Fr. Jenkins adjourned the meeting.

Respectfully submitted,

## University Council for Academic Technologies

January 18, 2006  
Coleman-Morse 331

Minutes

**Attending:** Rob Easley, Molly Gordon, Roger Jacobs, Michael Kirsch, Tom Laughner, Dan Marmion, Harold Pace, Carole Pilkinton, Mark Schurr, Olaf Wiest, Gordon Wishon.

**Absent:** Frank Collins, Alan DeFrees, Ben Gunty, Alex Hahn, Bill McDonald, Dmitriy Orlov, John Sherman, John Ubran.

**Guest:** Dewitt Latimer

### Minutes Review

The minutes of the December 9, 2005 meeting were approved with one correction.

### Institutional File Space, AFS, NetFile, Courseware – Future Directions

Dewitt Latimer, Chief Technology Officer, reviewed the history of AFS and future plans for institutional file space. AFS originally was designed to provide shared file space for computers running the UNIX operating system. Over time, Notre Dame technology professionals extended AFS to make it usable by Windows and Macintosh operating systems as well. Recent problems with slowness have two causes: computers with AFS client software incorrectly configured, and laptops used for AFS access that subsequently leave “orphan” connections to AFS when the laptops are carried from one location to another. These orphan connections gradually degrade the server performance, causing slow response.

Among the significant users of AFS are faculty who use Courseware folders that are created automatically for all class sections. Uses of Courseware (also known as I:drive) range from a drop box to collect student assignments to posting syllabi to providing an environment for executing software programming code.

Short-term solutions include distributing another version of *Take Charge* software for Windows that reconfigures AFS clients correctly, and restarting the AFS servers nightly to clear the orphan connections.

Long term, the goal is to transition Windows and Macintosh users to more native solutions that will meet their needs, leaving a smaller, focused group of legitimate AFS users with correctly-configured client software. Plans include:

- Ensuring that all who are connected to AFS have software installed and configured properly.
- Scale back AFS to serve only those who really need it. This effort will take several semesters to execute, and will include strategy, communication, migration assistance.
- Develop a common understanding of the uses of Courseware, and provide acceptable alternatives that may

include a University-wide solution or a number of more targeted offerings.

Professor Mark Schurr stated that Arts & Letters may be one of the largest users of AFS, so it might be a good location to begin moving faculty off AFS. Molly Gordon, OIT’s Director of Educational Technologies & Services, commented that Arts & Letters also is the largest locus of Macintosh users, and alternatives that work for Mac users will be an important consideration.

### Center for Research Computing

The University announced the establishment of the Center for Research Computing (CRC) in December 2005. Dewitt Latimer agreed to serve as interim director while a search for a permanent director is underway. Ms. Gordon will distribute the CRC charter that was approved. The CRC will be the primary resource for research support on campus. Dr Latimer will do a ‘road show’ for all faculty, especially in the colleges of Engineering, Science and Arts & Letters that shared in the cost of establishing and staffing the CRC. \$5Million was approved for the North West Indiana Computational Grid (NWICG), 40% of which is allocated to Notre Dame, the balance to Purdue (West Lafayette and Calumet). The CRC will be the primary liaison point for the NWICG.

The emphasis of the CRC will be on people, not equipment. Space in the ITC is undergoing renovation. Mr. Wishon and Dr. Jeffrey Kantor, Vice President for Research, will co-chair the CRC director search committee, with the intent to have the director in place by summer. Also included in the CRC is an Access Grid node, a high-end fixed videoconference facility that will accommodate 15–20 people. The facility will allow researchers to collaborate with colleagues worldwide and also will be available for general University videoconferencing needs.

Performance criteria for the CRC will be the ways it successfully supports faculty researchers, not necessarily the number of research proposals funded or the amount of funds. In response to a question, Dr. Latimer stated that the CRC framework does not specifically include—but does not *preclude*—serving as an “umbrella” for other research activities currently on campus in

other locations. The CRC will be a clearinghouse for providing data-center quality space for any researcher, to ensure that resources the researcher acquires as part of a grant can be used for the good of the University.

Hopefully many more sources of support will be made available other than the NWICG project. Notre Dame has made a significant commitment, providing 50% of the funds to establish the CRC.

### Residence Hall Cable Project

Dr. Latimer reviewed progress on the project to install cable TV and wireless access in Notre Dame’s 27 residence halls. The OIT’s contractors rewired four residence halls over Christmas break, which were carefully selected as a mix of environments that would provide experience with what might be encountered as the project progresses. OIT will do 4 dorms a month until mid-June. Returning students flocked to wireless, making 70–100 unique connections in each dorm on the first day.

A significant concern during the installation is a “dark period” when contractors must cut out old cable. During this work, there will be NO communications services (email, net access, card swipes for vending machines and laundry, door access, etc.). OIT has a loaner pool of cell phones available, and will install temporary wireless access points, and the work will be done one floor at a time so access on other floors will be preserved. The Coleman-Morse cluster will be available 21 hours per day, all of the days the building is open. Dr. Latimer emphasized that faculty should make reasonable allowance for students who may be temporarily unable to access the Internet to complete assignments.

Cingular is in line to be first cellular carrier to make use of the new campus distributed cellular antenna system comprised of 15 micro-cell devices. This company has an aggressive vision of the convergence of voice & data, and is putting in bandwidth to accommodate the vision. The second vendor, Verizon, is in the midst of its RF design. Vendors are not being permitted to “cherry pick” desirable locations (like the stadium), but must demonstrate adequate coverage throughout campus. Distributed technology is more expensive than installing cell towers, so smaller carriers may

choose not to make the investment. In the future we may negotiate affinity agreements with carriers to offer special pricing to students, faculty and staff.

#### Student Concerns

No reports this meeting.

#### Subcommittee Reports

##### •Course Management System Steering Committee (CMSSC)

Associate Provost Dennis Jacobs concurred with the CMSSC interpretation of the University's policy on supervision of faculty's classes and with procedures developed regarding supersections. Faculty will be informed of the policy by the Vista administrators, and the policy also will be posted on the WebCT Vista website.

##### •Software Subcommittee

Professor Olaf Wiest again requested feedback on the Software Acquisition policy, and would like to put the policy to a vote of the entire UCAT at next meeting.

#### DeBartolo Upgrade Status

Ms. Gordon distributed the results of the survey of faculty who taught in DeBartolo during Fall semester, and recapped the list of tasks remaining in the upgrade. Twelve quick-access, Internet-only stations will be installed at the end of the semester, so they will be ready for students in August. These stations, intended for checking email, Web lookups, and other quick tasks, are expected to reduce some of the demand in the DeBartolo cluster, which often has lines out the door during class change periods.

In conclusion, Mr. Wishon commented that the meeting was focused on updates on operational matters, which are important, but he also wants the UCAT to participate in strategy discussions. He will invite Tom Monaghan, OIT's Director of Planning & Programs, to attend an upcoming meeting and provide an overview of OIT's strategic objectives and plans for the coming year. The Renovare HR/Payroll system will go live in the summer, and he'll invite Craig Brummell to attend to give the UCAT insight into changes that are coming with the new system.

The *Educause* Current Issues survey is conducted annually across 1700 higher education institutions, and the 2005 results now are available. Mr. Wishon will distribute a copy at the next meeting.

The meeting adjourned at 4:10 p.m.

Spring Semester Meetings (all in 331 Coleman-Morse):

Tues., Feb. 14 -- 9:30–11:00 a.m.

Thurs., Mar. 9 -- 1:30–3:00 p.m.

Mon., Apr. 10 -- 10:00–11:30 a.m.

Wed., May 17 -- 1:30–3:00 p.m.

## University Committee on Women Faculty and Students

University of Notre Dame

Meeting of January 24, 2006

**Members present:** Susan Blum (chair), Renee D'Aoust, Liz Dube, Mary Louise Gude, C.S.C., Jean Ann Linney, Mary Ann McDowell, Kevin Misiewicz, Zach Ortiz, Kaity Redfield, Salma Saddawi, Gina Shropshire

**Members absent:** Patricia Bellia, Doris Bergen, Alexandre Chapeaux, Victor Deupi, Patrick Gaffney, C.S.C., Agnes Ostafin

**Guests present:** Jill Bodensteiner, associate vice president and counsel; Cathy Pieronek, director, Women's Engineering Program; Heather Rakoczy, director, Gender Relations Center

**Observers present:** Mary Hendriksen, Office of the Provost, reporter

Prof. Blum, chair of the University Committee on Women Faculty and Students, called the meeting to order at 3:05 p.m.

**1. Minutes of the meeting of December 9, 2005:** The minutes of the meeting of December 9, 2005, were approved without change.

**2. Representation of women on University task forces and committees:** On January 17, Prof. Blum sent an e-mail to Associate Provost Dennis Jacobs expressing concern that none of the chairs of the University's nine core curriculum subcommittees are women. Prof. Jacobs replied that the situation arose because the chairs of the subcommittees are drawn from the pool of department chairs, and few chairs are women. He suggested that the Committee consider asking some departments to designate a faculty member to serve on the subcommittee in place of the chair.

Prof. Blum reported on this correspondence and said that the Committee will continue to monitor the representation of women on University committees. Whether poor representation is due to inadvertence or the existence of a small pool of women candidates, the result is the same.

#### 3. Discussion of Fr. Jenkins' address regarding academic freedom and Catholic character:

Prof. Blum opened the floor for a brief discussion of Fr. Jenkins' addresses this week to Notre Dame faculty and students regarding academic freedom and Catholic character. Campus discussion of this topic has been centered particularly around two events: (1) the annual student production of Eve Ensler's play *The Vagina Monologues*, and (2) the *Queer Film Festival* (renamed this year *Gay & Lesbian Film: Filmmakers, Narratives, Spectatorships* and scheduled for mid-February at the Performing Arts Center), which has been held on campus the last two years.

Several members voiced their concerns with Fr. Jenkins' remarks and what they perceive as a breach of the principle of open and creative free speech. They also expressed disappointment with the President's decision that while students will be allowed to stage *The Vagina Monologues* in a classroom setting this February, they will not be allowed to fundraise in conjunction with the show. Last year's production raised \$15,000 for sexual assault education, prevention, and treatment.

A member raised a concern over what the vetting process might be at the University for controversial events, productions, or works of art. If the issue is portrayal of values counter to Catholic doctrine and teaching, what, was asked, might occur to films portraying adultery?

Discussion then shifted to questions on the implications of the current conversation for women and the climate for women at the University. Members were concerned by *The Vagina Monologues*' position "at the epicenter of the debate," with the film festival, since its renaming, appearing to have moved into a different and safer category. While saying that they realize that there are many who object to the *Monologues*, some members asked why it is not sufficient for there to be one or more counterpoints on campus to the play—such as the Edith

Stein Conference occurring this February [see <http://www.edithsteinproject.org/conf.html>] That conference and similar productions or events would seem to provide a balance for those who object to the content of the Monologues and its performance at Notre Dame.

Finally, members discussed whether the Committee should write a letter or issue a statement in connection with the conversation occurring on campus. Dr. Shropshire volunteered to compose an initial draft to circulate to members.

#### 4. Committee reports:

(a) **Infant care:** Ms. Redfield, who is also a member of the campus organization Feminist Voice, told members that the group is compiling a report that will analyze child-care options, including infant care, on campus. Compilation of the report is tied to their efforts to decrease the abortion rate on campus.

Sr. Gude suggested that the subcommittee review a very extensive report on child-care at other universities that was written in the 1990's by Sr. Kathleen Cannon, O.P. Sr. Kathleen prepared the report when Notre Dame was considering opening what is now its existing childcare facility, the Early Childhood Development Center.

(b) **Health:** Mr. Ortiz distributed a letter he wrote, also on behalf of Feminist Voice, to assistant rectors of women's residence halls asking for their cooperation in scheduling information sessions on women's sexual health. The sessions will address the role of University Health Services in providing routine gynecological examinations and other services surrounding sexual health, as well as the issue of anonymity in receiving these services. The sessions will be led by an area female gynecologist and members of Health Services.

(c) **Graduate Student retention:** Members discussed the difficulty of collecting accurate data on the retention of women graduate students. Sr. Gude said that the upcoming survey of graduate students conducted jointly by the Graduate School and the Office of Student Affairs will be a useful tool in assessing female graduate students' attitudes on a variety of issues and could be helpful in the discussion of retention of women graduate students. The survey is to go on line in February.

(d) **UCWFS Web site:** Three members, Renee D'Aoust, Liz Dube, and Gina Shropshire, updated members on their work towards creating a Web site for the UCWFS. After distributing printouts of Web site pages from three other institutions' women's groups, the subcommittee members asked for approval of their preliminary decisions: (1) the primary target audience will be the campus community, with a secondary audience to be prospective Notre Dame women faculty and students; (2) the site will be well organized, easy to navigate, and convey that it is an official Notre Dame Web site; (3) it will focus on information relevant to Notre Dame rather than on women's issues and resources in general; (4) the site will be organized into six sections: overview/purpose of the Committee, membership, current projects, accomplishments (featuring UCWFS successes and key reports), resources for women at Notre Dame, and a brief history of women at Notre Dame.

Members approved of the site's direction and subcommittee members' work to date. As for funding, Ms. Dube said that she will secure an estimate from the Notre Dame Web Group for design of the site; Prof. Linney will request funding for the site from the Provost's Office.

(e) **Sexual assault:** [After the meeting, Ms. Rakoczy, director of Notre Dame's Gender Relations Center, supplied the following statistics: "According to the U.S. Department of Justice, a woman is raped every two minutes. A 1992 study published by the National Victim's Center indicated that one in four college women have either been raped or suffered attempted rape. Thirty-eight percent of the college women interviewed for this study reported 'sexual assaults which met the legal definition of a rape or attempted rape, yet only one out of every 25 reported their assault to the police.' For this reason, campus statistics are limited in their usefulness when investigating sexual assault on campus."]

Ms. Rakoczy reported on several sexual assault prevention initiatives occurring or scheduled to occur at Notre Dame this year. They include:

- "Football to Finals"—a mandatory fall orientation program for all first-year students regarding campus safety, the

connection between alcohol use and abuse/sexual assault, and strategies for staying safe;

- "Football to Finals Revisited" – an optional follow-up program in the residence halls in the spring semester;
- Men Against Violence education and awareness campaign;
- A support group for survivors promoted by the Gender Relations Center and facilitated by Counseling Center staff;
- Sexual Assault Awareness Week (March 27-31) featuring the play *Sex Signals* on March 28;
- Perhaps a dedicated space in the LaFortune Student Center where survivors could post anonymous stories as a way to share concerns with the campus community;
- Posters in residence hall bathrooms ("What to do if you are sexually assaulted");
- A comprehensive pamphlet on sexual assault (which includes language, myths, resources) and a magnet with resource numbers—both to be distributed to all first-year students.

Additionally, Ms. Rakoczy said that through the Student Affairs' Sexual Assault Advisory Committee, several campus departments and student clubs are coordinating services and programs to address campus concerns. Departments represented in the Sexual Assault Advisory Committee include: Notre Dame Security Police, the Counseling Center, the Office of Residence Life, and the Gender Relations Center. The committee also includes student leaders who represent various clubs and initiatives, including the Campus Alliance for Rape Elimination (CARE), Feminist Voice, Student Government, Men Against Violence (MAV), and Women Advocates for Violence Elimination (WAVE). The committee also includes the University's victim resource person, Ava Preacher, as well as representatives from Notre Dame's faculty, Saint Mary's College, and the South Bend agency S-O-S (Sex Offense Services). Further, the committee works in conjunction with other campus departments—such as the Office of Alcohol and Drug Education, Campus Ministry, Health Services, and the



Office of Institutional Equity—to address sexual assault on campus.

There being no further business, Prof. Blum adjourned the meeting at 4:35 p.m.

## James A. Burns, CSC, Graduate School Award

Nominations are requested for the James A. Burns, CSC Graduate School Award given annually to a faculty member for distinction in graduate teaching or other exemplary contributions to graduate education. Contributions can be in any or all of the following areas: building or developing a graduate program, teaching quality graduate courses, excellence as an adviser or thesis director, and excellence in service as a director of graduate studies or in any other similar position. Faculty from the colleges of Arts and Letters, Science and Engineering, and the School of Architecture, are eligible.

The nomination packet should include a minimum of four letters of support (two from students and two from faculty) but no more than six, and a copy of the nominee's CV. All documentation should be sent to the department chair, who will forward all documentation to the Graduate School by Friday, March 10, 2006.

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

### James A. Burns, CSC, Graduate School Winners Since 1990

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

1998–1999 Gail Bederman  
1999–2000 Katherine O'Brien O'Keeffe  
2000–2001 Thomas Nowak  
2001–2002 Cindy Bergeman  
2002–2003 Joan Brennecke  
2003–2004 Gary Lamberti  
2004–2005 Scott P. Mainwaring

## Research Achievement Award

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

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

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

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

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

Nominations must be received by the director, Office of Research, 511 Main Building, no later than March 10, 2006.

### Research Achievement Award Winners

2000–2001 Arvind Varma  
2001–2002 Eugene Ulrich  
2002–2003 Maureen Hallinan  
2003–2004 George Marsden  
2004–2005 Frank Collins

## Faculty Award Nominations Sought

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

Nominations must be received by Joy Vann-Hamilton, assistant provost, 300 Main Building, no later than March 10, 2006.

### Faculty Award Winners Since 1960

1959–1960 Otto Bird  
1960–1961 John Frederick  
1961–1962 Milton Burton  
1962–1963 Stephen Kertesz  
1963–1964 Raymond Gutschick  
1964–1965 Matthew Fitzsimons  
1965–1966 Bernard D. Cullity  
1966–1967 John Magee  
1967–1968 Rev. Charles E. Sheedy, CSC  
1968–1969 Bernard Waldman  
1969–1970 James Massey  
1970–1971 Thomas Stritch  
1971–1972 Ernest Sandeen  
1972–1973 Rev. Ernan McMullin  
1973–1974 Robert E. Rodes Jr.  
1974–1975 Herbert E. Sim  
1975–1976 Ronald Weber  
1976–1977 Walter Miller  
1977–1978 J. Philip Gleason  
1978–1979 K.-T. Yang  
1979–1980 Frederick J. Crosson  
1980–1981 Jeremiah P. Freeman  
1981–1982 Morris Pollard  
1982–1983 James Kohn  
1983–1984 John Malone  
1984–1985 Rudy Bottei  
1985–1986 Rev. David Burrell, CSC  
1986–1987 Paul Weinstein  
1987–1988 Ray Powell  
1988–1989 Robert A. Leader  
1989–1990 Edward J. Murphy  
1990–1991 Eugene Henry  
1991–1992 George B. Craig Jr.  
1992–1993 Lee Tavis  
1993–1994 Sonia Gernes

1994–1995 Ralph McNerny  
 1995–1996 Carol Ann Mooney  
 1996–1997 William B. Berry  
 1997–1998 George S. Howard  
 1998–1999 Frank Reilly  
 1999–2000 John Borkowski  
 2000–2001 Yusaku Furuhashi  
 2001–2002 Jean Porter  
 2002–2003 Francis Castellino  
 2003–2004 Fernand “Tex” Dutile  
 2004–2005 Cornelius Delaney

## Reinhold Niebuhr Award Nominations Sought

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Rev. Theodore M. Hesburgh, CSC, and Chancellor Willy Brandt of West Germany were the first recipients of Reinhold Niebuhr awards sponsored by friends of the Protestant theologian and author. Receiving this award in September 1972, at ceremonies at Union Theological Seminary in New York City, Father Hesburgh announced the establishment of a Reinhold Niebuhr Award at the University of Notre Dame. This award is made annually to a student, faculty member, or administrator whose life and writings promote or exemplify the area of social justice in modern life.

The initial award to Father Hesburgh was \$5,000. This he turned over to the Notre Dame endowment to underwrite an annual cash award of \$250 for the winner of this campus honor. The selection committee includes representatives from the colleges and the Law School, Campus Ministry, Center for Social Concerns, rectors, Ladies of Notre Dame, and the student body. All members of the Notre Dame community are invited to submit recommendations for this award to Joy Vann-Hamilton, assistant provost, 300 Main Building, prior to March 10, 2006.

### Reinhold Niebuhr Award Winners

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

1982 Kenneth and Penny Jameson  
 1983 Julian Pleasants  
 1984 John W. Houck and  
     Oliver F. Williams, CSC  
 1985 James Sterba  
 1986 John H. Yoder  
 1987 Stephen Worland  
 1988 Denis Goulet  
 1989 Sharon Lynn O’Brien  
 1990 John J. Gilligan  
 1991 Thomas and Nancy Shaffer  
 1992 Patrick E. Murphy  
 1993 John Borkowski  
 1994 Bernard Doering  
 1995 Rev. Richard McCormick, SJ  
 1996 Rev. William M. Lewers, CSC  
 1997 Rev. Joseph D. Ross, CSC  
 1998 Lee Tavis  
 1999 Robert E. and Jeanne Rodes  
 2000 Kathleen Maas Weigert  
 2001 Dinah Shelton and  
     R. Scott Appleby  
 2002 Rev. Patrick Gaffney, CSC  
 2003 George Lopez  
 2004 Teresa Ghilarducci  
 2005 Rev. Gustavo A. Gutiérrez, OP

## Grenville Clark Award Nominations Sought

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On October 20, 1978, Father Hesburgh was one of three recipients of the Grenville Clark Prize, an award given every three years by the Grenville Clark Fund at Dartmouth College. Following the procedure established when he won the Reinhold Niebuhr Award in 1972, Father Hesburgh donated the \$5,000 Clark stipend to the Notre Dame endowment to underwrite a cash prize of \$250 to be awarded each year. This award is made to a faculty member, administrator, or student whose volunteer activities serve to advance the cause of peace and human rights to which Grenville Clark devoted his extraordinary life of public service. The selection committee includes representatives from the colleges and Law School, Campus Ministry, Center for Social Concerns, rectors, Ladies of Notre Dame, and the student body. All members of the Notre Dame community are invited to submit recommendations for this award to Joy Vann-Hamilton, assistant provost, 300 Main Building, prior to March 10, 2006.

## Grenville Clark Award Winners

1979 Peter Walshe  
 1980 James and Mary Ann Roemer  
 1981 Sr. Judith Ann Beattie, CSC  
 1982 Kenneth W. Milani  
 1983 Peggy Roach  
 1984 The Notre Dame Legal Aid and Defender Association  
 1985 Cecil and Mary Mast  
 1986 Rev. Robert F. Griffin, CSC  
 1987 Conrad Kellenberg  
 1988 D’Arcy Chisholm and David Link  
 1989 Lloyd and Shelly Ketchum Kevin and Kathy Misiewicz  
 1990 Peter Morgan and Sr. Anne Giarrante, OSF  
 1991 Kathleen Maas Weigert and Delores Tantoco-Stauder  
 1992 Rev. H. Thomas McDermott, CSC  
 1993 Michael and Christine Etzel  
 1994 Bro. Bonaventure Scully, CFX  
 1995 Eugene J. McClory  
 1996 Jennifer A. Morehead Matthew Fitzgerald  
 1997 Thomas V. Merluzzi  
 1998 Jerry and Marge Marley  
 1999 Teresa Phelps  
 2000 Dave Kirkner  
 2001 Roger Jacobs  
 2002 Stephen Silliman  
 2003 Kenneth Hendricks  
 2004 Bro. Louis Hurcik, CSC  
 2005 Barbara J. Fick

## Foik Award Nominations Sought

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The Rev. Paul J. Foik Award Committee invites nominees for the award, which is given annually to a library faculty member who has contributed significantly to library service to the Notre Dame community or to the library profession through personal scholarship or involvement in professional associations. The award is named for the Holy Cross priest who served as director of Notre Dame’s library from 1912 to 1924 and was a leading figure in the library profession in the first quarter of the 20th century. It is among those announced at the President’s faculty dinner in May. Previous winners, beginning with the first award in 1991, include Maureen Gleason, Robert

Havlik, Joseph Huebner, Rafael Tarrago, Janis Johnston, Charlotte Ames, Dwight King Jr., Stephen Hayes, Katharina Blackstead, Margaret Porter, Lucy Salisbury Payne, Laura Anderson Bayard, Joanne Bessler, Doug Archer, and Eric Lease Morgan.

All members of the University Libraries' and Law Library faculty with two or more years' service are eligible. Please send letters of nomination to the Reverend Paul J. Foik Award Committee, c/o Melodie Eiteljorge, 221 Hesburgh Library, by March 10, 2006. Such letters should include reasons for considering the nominee for this award.

## **Special Presidential Award Nominations Sought**

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The Special Presidential Awards are given to members of the faculty and/or the administration for distinguished service to the University over an extended period of time. The presentation of a citation and a stipend are made to the recipients. Nominations, from the faculty at large, must be received by Joy Vann-Hamilton, assistant provost, 300 Main Building, no later than Friday, March 10, 2006.

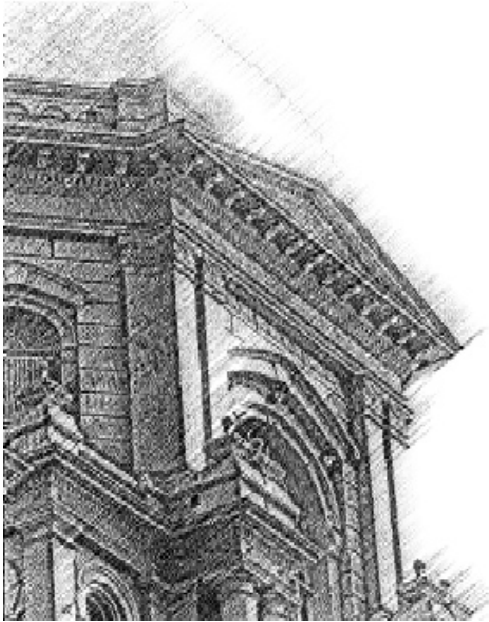
### **Special Presidential Award Winners in 2004–2005**

Seth Brown  
Charles Crowell  
James Davis  
Alex Hahn  
John Haynes  
Patricia Maurice  
Maria Tomasula

A comprehensive list of Special Presidential Award winners is available upon request.



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