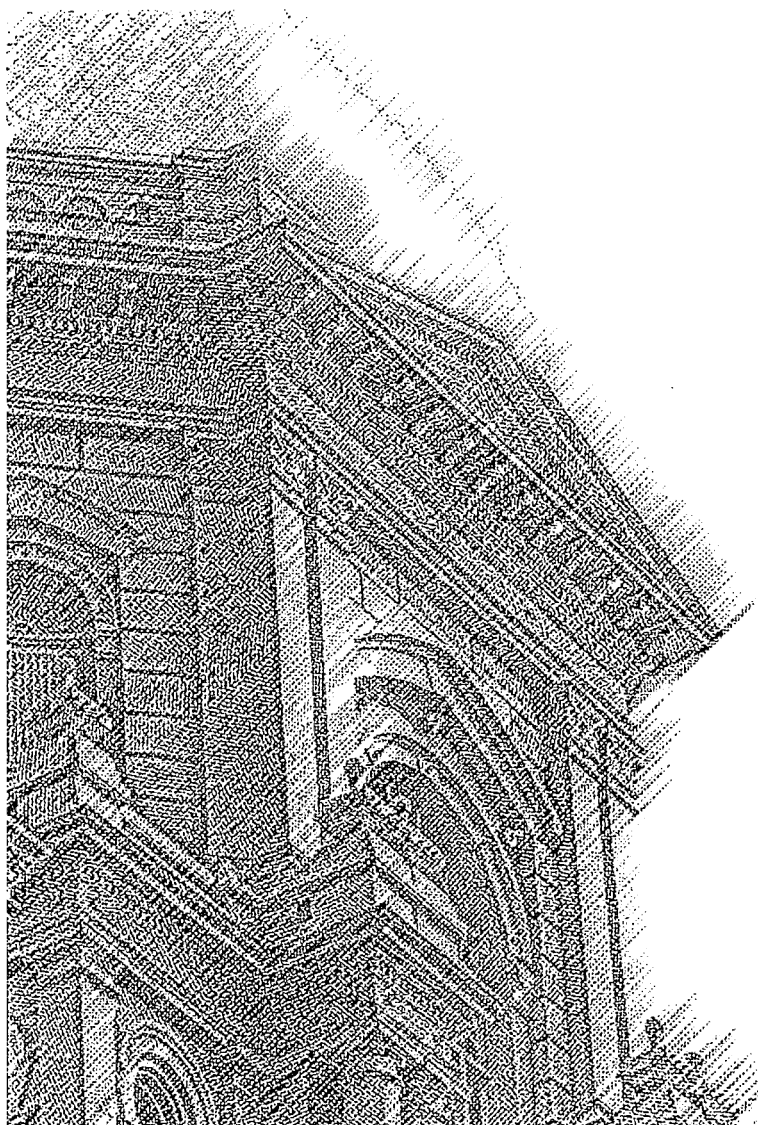


Notre Dame Report



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N U M B E R 8

Faculty Notes

Honors

Robert L. Amico, professor of architecture, was elected to a second term as president of the 25-member board of directors of the nationally affiliated Alcoholism and Addictions Resource Center (A.A.R.C.), a not-for-profit organization housing the Governor's Commission on Alcoholism and serving Northern Indiana, including the University of Notre Dame, A.M. General, and the *South Bend Tribune*.

Margaret Barry, associate professional specialist in the Mendoza College of Business, won a University and College Designers Association national design award for Issue 5 of *ND Business* magazine. The magazine was one of the 102 winners selected from a field of 1,500 entries in the "entire magazine" category.

D'Arcy J.D. Boulton, professional specialist, concurrent associate professor of history, and fellow of the Medieval Institute, was elected to the chair of a full Academician of the International Heraldic Academy (Académie Internationale d'Héraldique), and was assigned to the 26th of the 75 Chairs, Sept. 6, The Netherlands.

Maureen B.M. Boulton, professor of French and fellow of the Medieval Institute, has been named (with her coauthor R.J. Dean) the joint winner of the *Prix Chavée*, awarded by the Académie des Inscriptions et Belles-Lettres of France (one of the divisions of the Institut de France) for the best book on a philological subject for the year 2001. The book for which the prize was awarded, *Anglo-Norman Literature: A Guide to Texts and Manuscripts*, was published in 1999 by the Anglo-Norman Text Society in London.

Roberto DaMatta, Joyce Professor of Anthropology, was appointed a reviewer for the American Council of Learned Societies committee of fellowships for the 2001-02 year and was granted and admitted to the Order of Rio Branco, on the degree of commendador. He received this medal from the Brazilian Ministry of Foreign Relations at the Itamaraty Palace, Ministry of Foreign Relations, in Brasília, Nov. 6.

Glen Dowell, assistant professor of management, received the 2001 Moskowitz Prize for outstanding research on socially responsible investing. Administered by the Social Investment Forum (SIF) in cooperation with the Colloquium on Socially Responsible Investing, the prize includes a \$2,500 award and acceptance of the author's study for publication in the *Journal of Investing*.

Richard Economakis, assistant professor of architecture, is one of three runner-up finalists out of 79 entries in the Ceremonial Landmark competition for the new town of Seaside, Fla.

Ralph McInerny, professor of philosophy, was appointed to the St. Monica Academy (Pasadena, Calif.) board of advisors beginning in 2001.

Elizabeth S. Moore, assistant professor of marketing, was named a corecipient (honorable mention) of the Robert Ferber Award for the outstanding article based on a doctoral dissertation appearing in the *Journal of Consumer Research*.

Jennifer A. Younger, Arnold Director of University Libraries, has been appointed to the editorial board of *Library and Information Science Research (LISR)*, an international journal, beginning summer 2001. *LISR*, a cross-disciplinary and refereed journal, focuses on the research process in library and information sciences as well as research findings and, where applicable, their practical applications and significance.

Activities

Ani Aprahamian, professor of physics, presented the "Exploding Stars to the Laboratory" seminar to the Physics N-Division, Lawrence Livermore National Laboratory, Livermore, Calif., Aug. 22.

D'Arcy J.D. Boulton, professional specialist, concurrent associate professor of history, and fellow of the Medieval Institute, presented "The Formative Phases in the History of the Systems of Headgear of Civil Rank, Especially in Germany and England, 1228-c.1530" to the XII International Colloquium on Heraldry, Univ. of Groningen, The Netherlands, Sept. 3-7.

Joan F. Brennecke, professor of chemical engineering, presented "Thermodynamics of Gases in Ionic Liquids" with J.L. Anthony and **Edward J. Maginn**, associate professor of chemical engineering, at the American Institute of Chemical Engineers National Meeting, Reno, Nev., on Nov. 6.

Jianguo Cao, professor of mathematics, presented an invited lecture "Dirichlet Problem at Infinity for Open Manifolds with Big Ends" at the 969th American Math Society meeting, Special session on "Differential Geometry and Applications" at Ohio State Univ., Columbus, Sept. 21-23.

Hsueh-Chia Chang, Bayer Professor of Chemical Engineering, presented "A Critical Comparison of Equilibrium, Nonequilibrium and Boundary-Driven Molecular Dynamics Techniques for Studying Transport in Microporous Materials" and "Effect of Surface Energy Barrier on Sorbate Diffusion in ALP04-5," both with G. Arya and **Edward J. Maginn**, associate professor of chemical engineering, at the American Institute of Chemical Engineers National Meeting, Reno, Nev., Nov. 5-8.

Rev. Leonard F. Chrobot, adjunct professor of sociology, presented "The Polish American Parish: Changing Pastoral Structures and Methods" at a workshop for priests and parish lay leaders sponsored by the Orchard Lake Alumni/Polish American Priests Association of the Diocese of Syracuse, Syracuse, N.Y., on Sept. 17; and "The Parish as Home: The Religious Life of Polonia" as part of the exhibit "The Polish Presence in Detroit-1870-1950" at the Detroit Historical Museum, Oct. 28.

Thomas Cosimano, professor of finance, presented "Monetary Policy with a Touch of Basel" at the Federal Reserve Board, in Washington, D.C., Oct. 17.

Frederick J. Crosson, Cavanaugh Professor of Humanities Emeritus, gave the annual Beall-Russell Lecture at Baylor Univ. on Oct. 29 on "Liberal Education and Religious Faith." He also addressed the faculty of the College of Arts and Sciences on "Core Courses and College Curricula" on Oct. 28.

Roberto DaMatta, Joyce Professor of Anthropology, was invited by the Brazilian Ministry of Culture to participate in a meeting of American research and

universities centers founded by the Ministry of Culture to discuss further agendas and plans, in Brasilia, Nov. 6-7.

Dennis Doordan, associate professor of architecture and concurrent associate professor of art, art history, and design, moderated a panel discussion as part of the celebrations for the 10th anniversary of the Harold Washington Library Center in Chicago. The panel, entitled "If You Build It, They Will Come," was held in the Harold Washington Library Center, Oct. 7.

Alan Dowty, professor of government and international studies, organized and chaired a panel on "The Post-Zionist Critique of Arab-Israeli Issues" at the annual meeting of the American Political Science Association, San Francisco, Aug. 31. He also presented "Responses to Terrorism" to the St. Joseph County United Way Executive Directors, Sept. 26; "The Future of Israel" to the Jewish Federation of St. Joseph Valley Annual Book Fair, Nov. 4; "The Peace Process in the 1990s" at Temple Beth-El, South Bend, Nov. 5; "The Middle East after September 11" at Smith College/Amherst College, Northampton, Mass., Nov. 7; and "State and Religion: The Past and Future of Israeli Society," at Northwestern University, Nov. 11.

Richard Economakis, assistant professor of architecture, was an invited participant at the Second Charter Council of the New Urbanism in Santa Fe, N.Mex., Oct. 13-15. He acted as a peer juror at the presentation of the work of Moule and Polyzoides Architects and Urbanists, and outlined activities of the Notre Dame School of Architecture during the Council General Discussion.

Georges Enderle, O'Neil Professor of International Business Ethics, presented "Global Competition and Corporate Responsibilities of Small and Medium-Sized Businesses" on Nov. 14 at the Poynter Center for the Study of Ethics and American Institutions, Indiana Univ., Bloomington.

Guillermo J. Ferraudi, professional specialist in the Radiation Laboratory, presented "Progress on the Preparation of Macrocyclic Precursors with Pendant Nitro Groups and their Photochemical Reactions," a workshop on the "Preparation and Applications of Macromolecules with Macrocyclic Complexes," Nov. 5-16, in Santiago, Chile.

Stefan Frauendorf, professor of physics, presented an invited talk "Symmetries of the Rotating Mean Field" at the International Conference and NATO Advanced Research Workshop on High Spin Physics 2001, Warsaw, Feb. 6-10.

Jan-Lüder Hagens, assistant professor of German, presented "Performance, Presence, and Reconciliation: The Eucharist as a Model for the Theater?" and chaired a conference session on "Gender Issues in Comparative Drama" at the Comparative Drama Conference XXV, Ohio State Univ., Columbus, April 27-28.

Kwan S. Kim, professor of economics and Kellogg Institute fellow, presented a "The Tobin Tax Revisited in the Context of Global Governance on Capital Markets," coauthored by S.-H. Kim, at the International Symposium on the Role of International Institutions in Globalisation, organized by the Center for the Study of International Institutions, Innsbruck Univ., Austria, Nov. 16.

Rev. Paul Vincent Kollman, C.S.C., assistant professor of theology, presented "Africa's Missionary Past and Culture of Life," at the Culture of Life conference, Notre Dame, Nov. 30.

Edward J. Maginn, associate professor of chemical engineering, presented "Teaching Graduate Molecular Modeling and Theory: Past Experiences and New Directions" at the American Institute of Chemical Engineers national meeting, Reno, Nev., Nov. 5; and "Pressure-Enthalpy Driven Molecular Dynamics for Thermodynamic Property Calculation" with L.I. Kioupis and G. Arya at the same meeting, Nov. 7.

Ralph McInerney, professor of philosophy, presented "The Vocation of the Physician and Human Suffering" at the annual St. Luke's meeting for the St. Joseph Regional Medical Center, Mendoza School of Business, on Oct. 18; "Newman's Option: Catholicism or Atheism," the plenary session, at Steubenville College on Oct. 19; "Literature and the Mystery Novel" at Peabody Library in Columbia City, Ind., Oct. 27; and "Athens and Jerusalem in the Liberal Arts" at Hillsdale College, Nov. 12.

Wolfgang Porod, Freimann Professor of Electrical Engineering and director of the Center for Nano Science and Technology, and G. Csaba copresented "Simulation of Field-coupled Computing Architectures Based on Magnetic Dot Arrays" at the 8th International Workshop on Computational Electronics (IWCE), Beckman Institute, Univ. of Illinois, in October; and also served on the International Advisory Committee for this meeting.

Dean A. Porter, director emeritus of the Snite Museum of Art and concurrent professor of art, art history, and design, delivered invited lectures "Before Electricity, Taos, New Mexico" at the Eiteljorg Museum, Indianapolis, Oct. 8; and "Blumenschein, Ufer and Higgins, 'Idealist, Realist, Dreamer,'" at the Dubuque Museum of Art; and "Barry Gealt—Ein Maler erfart und malt Indiana," for "Barry Gealt Ameri-hanische Landschaften" exhibition catalogue for Wallraf-Richartz/Foundation Corboud, Cologne, Germany.

Karen Richman, assistant professor of anthropology, presented "To Tangle with Word and Song: Cassette Correspondence in a Haitian Transnational Community" on Nov. 14 at the McNichols Center Colloquium Series; "Writing on Cassette: Creole Aesthetics and Correspondence in Haitian Transnational Space" to the panel, The Shared Imagination: How Identity Invents a Community, at the 100th annual meetings of the American Anthropological Association, Washington, D.C., Nov. 28; and was also a discussant to the Invited Session Anthropology, Undisciplined: Essays in Honor of Edie Turner, at the same meeting, Nov. 30.

Donald E. Sporleder, professor of architecture emeritus, was invited and participated in the Lakewide Summit 2001, "Protecting the Pieces to Protect the Whole," hosted by the Lake Michigan Federation at Camp Miniwanca on the Lake, Luddington, Mich., Oct. 3-4, where he represented Michiana Watershed and the Friends of the St Joseph River; spoke at the 90th Anniversary Celebration of the Plym Traveling Fellows at the School of Architecture, Univ. of Illinois, Urbana/Champaign, on Oct. 19-20; and spoke at the Indiana Wetlands Conservation Plan, Regional Wetlands Conservation Workshop, Oct. 30, in LaFayette.

Duncan Stroik, associate professor of architecture, presented "The New Renaissance in Church Architecture" at the Yale Club, New York, in May; was the honored artist-in-residence at St. John's Episcopal Home in Milwaukee, where he gave a three-lecture colloquium on art and architecture in May; presented "Beauty and the Sacred" at a conference on architecture sponsored by the Jubilee Center for the Arts in Columbus, Ohio, in May; spoke on "Thomas More and a Sacrificial Architecture" at Thomas More College in Merrimack, N.H.; presented "Architectura Latina: Architecture and the Universal" at St. John Cantius Church, Chicago, in June; lectured on "Recent Projects" at St. Margaret Mary Church, Bullhead City, Ariz., in September; and was one of the keynote speakers at the Church Architecture 2010 Conference sponsored by Mundelein Seminary, Chicago, in October.

Eduardo E. Wolf, professor of chemical engineering, presented "Activity, Characterization and EXAFS Studies of Pt Supported Catalysts during Oxidation Reactions," coauthored by F. Gracia, W. Li, J. Miller, and J. Kropf, at the North American meeting of the Catalysis Society, Toronto, on June 5; presented the following papers at the 9th International Symposium of Catalysts Deactivation, Lexington, Ky., Oct. 8-10: "Characterization and EXAFS Studies of the Effect of Cl Poisoning on the Activity of Pt Supported Catalyst Oxidation Reactions," coauthored by F. Gracia, J. Miller, and J. Kropf, and "Deactivation of Sulfated Zirconia Catalysts during n-butane Isomerization: Experiments and Kinetic Model," coauthored with M.A. Risch.

Publications

J. Douglas Archer, associate librarian, authored "Time for an Attitude Check," published in *Focus on Indiana Libraries*, 2001 55, no. 10 (2001): 5, and "Revisiting an Old Friend," *ibid.*

D'Arcy J.D. Boulton, professional specialist, concurrent associate professor of history, and fellow of the Medieval Institute, published *The Knights of the Crown. The Monarchical Orders of Knighthood in Later Medieval Europe*,

1326-1520, second ed., revised and expanded (Woodbridge, Suffolk and Rochester, N.Y.: Boydell and Brewer, 2000): 675 pp.

Hsueh-Chia Chang, Bayer Corporation Professor of Chemical Engineering, published "A Critical Comparison of Equilibrium, Nonequilibrium and Boundary-Driven Molecular Dynamics Techniques for Studying Transport in Microporous Materials," coauthored with G. Arya and **Edward Maginn**, associate professor of chemical engineering, in the *Journal of Chemical Physics*, 115 (2001): 8112-8124.

Peter Cholak, associate professor of mathematics, along with R. Coles, R. Downey, and E. Herrmann, published "Automorphisms of the Lattice of \mathbb{S}^1 Classes; Prefect Thin Classes and arc Degrees" in *Transactions of the American Mathematical Society* 353 (2001): 4899-4924.

Rev. Leonard F. Chrobot, adjunct professor of sociology, wrote: "Typologies of Polish American Parishes: Changing Pastoral Structures and Methods," published in *Polish American Studies* (2001).

Roberto DaMatta, Joyce Professor of Anthropology, published the essay chapter "The Message of Brazilian Rituals: Popular Celebrations and Carnival," in *Brazil: Body and Soul*, E.J. Sullivan, ed. (New York: Guggenheim Museum, 2001): 46-51.

Malgorzata Dobrowolska-Furdyna, professor of physics, coauthored "Internal Self-ordering in In(Sb,As), (In,Ga)Sb and (Cd,Zn,Mn)Se Nano-agglomerates/Quantum Dots" with P. Mock, T. Topuria, N.D. Browning, G.R. Booker, N.J. Mason, R.J. Nicholas, S. Lee, and **Jacek K. Furdyna**, Marquez Professor of Physics and Nanovic Institute fellow, published in *Applied Physics Letters* 79 (2001): 946-948; "Optical Spectroscopy on Individual CdSe/ZnMnSe Quantum Dot" with G. Bacher, H. Schomig, M.K. Welsch, S. Zaitsev, V.D. Kulakovskii, A. Forchel, S. Lee, Jacek K. Furdyna, B. Konig, and W. Ossau, *ibid.*, 524-526; "Enhancement of Zeeman Splitting in Double Quantum Wells Containing Ultrathin Magnetic Semiconductor Layers" with S. Lee, M. Dobrowolska, Jacek K. Furdyna, and L.R. Ram-Mohan, published in *Physica E* 10 (2001): 300-304; "Self-ordered CdSe Quantum Dots in

ZnSe and (Zn,Mn)Se Matrices Assessed by Transmission Electron Microscopy and Photoluminescence Spectroscopy" with P. Mock, T. Topuria, N.D. Browning, L. Titova, S. Lee, and Jacek K. Furdyna, published in the *Journal of Electronic Materials* 30 (2001): 748-755; and "Interface Phonons in CdSe/ZnSe Self-assembled Quantum Dot Structures" with H. Rho, L.M. Smith, H.E. Jackson, S. Lee, and Jacek K. Furdyna, published in *Physica Status Solidi B* 224 (2001): 165-168.

Dennis P. Doordan, associate professor of architecture and concurrent associate professor of art, art history, and design, published *Twentieth Century Architecture* (New York: Harry N. Abrams, 2001).

Mara Faccio, assistant professor of finance, published "Dividends and Expropriation," coauthored with L.H.P. Lang and L. Young, in *American Economic Review* 91, no. 1 (2001): 54-78.

Jacek K. Furdyna, Marquez Professor of Physics and Nanovic Institute fellow, coauthored "The 2s Exciton in Intermediate Dimensionality Structures" with M. Syed, G.L. Yang, J.K. Furdyna, and **Malgorzata Dobrowolska-Furdyna**, professor of physics, published in *Superlattices and Microstructures* 29 (2001): 247-257.

Alejandro García, Grace-Rupley Professor of Physics, coauthored "Spectroscopy of ^{26}Al and ^{26}P Using the ($^7\text{Li}, ^4\text{He}$) Reaction and the Implications for ^{26}Na and ^{26}Al Nucleosynthesis in Explosive Hydrogen Burning" with J.A. Caggiano, D. Bazin, W. Benenson, B. Davids, R. Ibbotson, H. Scheit, B.M. Sherrill, M. Steiner, J. Yurkon, A.F. Zeller, B. Blank, M. Chartier, J. Greene, J.A. Nolen Jr., A.H. Wuosmaa, M. Bhattacharya, and **Michael Wiescher**, Freimann Professor of Physics, published in *Physical Review C* 64 (2001): 025802 (9 pages).

Richard W. Garnett, assistant professor of law, published "A Quiet Faith? Taxes, Politics, and the Privatization of Religion" in the *Boston College Law Review* 42; and coauthored the *amicus curiae* brief of the Becket Fund for Religious Liberty filed in the United States Supreme Court's upcoming school-choice case, *Zelman v. Simmons-Harris*.

Dirk M. Guldi, associate professional specialist in the Radiation Laboratory, coauthored "Self-organisation in Photoactive Fullerene Porphyrin Based Donor-acceptor Ensembles" with C. Luo, A. Swartz, M. Scheloske, and A. Hirsch, published in *Chemical Communications* (2001): 1066-1067.

Michael D. Hildreth, assistant professor of physics, coauthored with G. Abbiendi, et al. (OPAL Collaboration), the following, published in the *European Journal of Physics C*: "Bose-Einstein Correlations in $K^+ - K^+$ Pairs from Z^0 Decays into Two Hadronic Jets" 21 (2001): 23-32 and "Precise Determination of the Z Resonance Parameters at LEP: 'Zedometry'," 19 (2001): 587-651; coauthored with V.M. Abazov, et al. (D0 Collaboration) "Search for Heavy Particles Decaying into Electron-positron Pairs in $p\bar{p}$ Collisions" in *Physical Review Letters* 87: 061802 (6 pages), "Quasi Model Independent Search for New Physics at Large Transverse Momentum," published in *Physical Review D* 64: 012004 (24 pages); and coauthored with G. Abbiendi, et al. (OPAL Collaboration): "Searches for Prompt Light Gravitino Signatures in e^+e^- Collisions at $\sqrt{s} = 189 \text{ GeV}$," published in *Physics Letters B* 501, no. 1-2 (2001): 12-27, "A study of One Prong τ Decays With a Charged Kaon," published in the *European Journal of Physics C* 19 (2001): 653-665, and "Production Rates of $b\bar{b}$ Quark Pairs from Gluons and $b\bar{b}$ Events in Hadronic Z^0 Decays," *ibid.* 18 (2001): 447-460.

Paul W. Huber, professor of chemistry and biochemistry, published "A Role for Aromatic Amino Acids in the Binding of Xenopus Ribosomal Protein L5 to 5S rRNA," coauthored by J.P. DiNitto, in *Biochemistry* 60 (2001): 12645-12653.

Walter R. Johnson, professor of physics, published "Relativistic Many-Body Calculations of Energies for $n=3$ States in Aluminumlike Ions," coauthored by **Ulyana I. Safronova**, visiting research professor of physics, C. Namba, W.R. Johnson, and M.S. Safronova, in the *National Institute for Fusion Science Research Report, NIFS-DATA-60* (2001); "E1, E2, M1 and M2 Transitions in the Neon Isoelectric Sequence," coauthored with C. Namba, I. Murakami, W.R.

Johnson, and M.S. Safronova, *ibid.*; and "Auger rates for Ni-, Cu-, and Zn-like ions," coauthored with W.R. Johnson, Ulyana I. Safronova, and J.R. Albritton, in *Atomic Data and Nuclear Data Tables* 77 (2001): 215-275.

J. Thomas Kerry, professor of chemistry and biochemistry, published "Effects of the Degree of Hydrolysis on Radiation Induced Reactions in the poly (vinyl alcohol)-poly (vinyl acetate) System," coauthored with B.H. Milosavljevic, in *Radiation Physics and Chemistry* 62 (2001): 3-10; and "Photoinduced Reaction of Arene Singlets with Carbon Tetrachloride in Zeolite Y," coauthored with E.H. Ellison, in *Microporous and Mesoporous Materials* 49 (2001): 15-49.

Charles F. Kulpa Jr., director of the Center for Bioengineering and Pollution Control and professor of biological sciences, coauthored "Implications of Platinum-Group Element Accumulation along U.S. Roads from Catalytic-Converter Attrition" with J.C. Ely, C. Neal, M.A. Schneegurt, J.A. Seidler, and **Jinesh C. Jain**, assistant professional specialist in the Department of Civil Engineering and Geological Sciences, published in *Environmental Science and Technology* 35 (2001): 3816-1822.

John LoSecco, professor of physics, coauthored "Observation of Pseudoscalar and Axial Vector Resonances in $\pi^+ p \rightarrow K^+ K^0 \pi^0 n$ at 18-GeV" with G.S. Adams, et al., published in *Physics Letters B* 516, no. 3-4 (2001): 264-272, and "Measurement of CP-Violating Asymmetries in B^0 Decays to CP Eigenstates" with B. Aubert, et al., *Physical Review Letters* 86 (2001): 2515-2522.

John Matthias, professor of English, published five poems by Jesper Svenbro: "Three-toed Gull," "Sunlight on the Sound," "The Idea of the Sound," "Sound Image," and "Stalin as Wolf," translated with L.-H. Svensson in *Modern Poetry in Translation*, no. 18 (2001): 172-177.

Ralph McInerny, professor of philosophy, published "John Paul II and Christian Philosophy," in the *Proceedings of the 2000 Fellowship of Catholic Scholars*, (St Augustine's Press, 2001): 113-125.

Marvin J. Miller, professor of chemistry and biochemistry, published "Conformational Study and Enantioselective, Regiospecific Synthesis of Novel Aminoxy *trans*-Proline Analogues Derived from and Acylnitroso Deils-Alder Cycloaddition," coauthored by B.T. Shireman, M. Jonas, and **Olaf Weist**, associate professor of chemistry and biochemistry, in the *Journal Organic Chemistry* 66 (2001): 6046-6056.

Thomas J. Nowak, professor of chemistry and biochemistry, published "Kinetic Linked-Biochemistry Analysis of the Multiligand Interactions on Mg 2+ -Activated Yeast Pyruvate Kinase," coauthored with T.J. Bollenbach, in *Biochemistry* 40 (2001): 13097-13106; and "Thermodynamic Linked-Function Analysis of the Multiligand Interactions on Mg 2+ -Activated Yeast Pyruvate Kinase," coauthored with T.J. Bollenbach, *ibid.*: 13088-13096.

W. Robert Scheidt, professor of chemistry and biochemistry, published "Structural Deformations and Bond Length Alteration in Porphyrin photocitation Radicals" in the *Journal of Biological Inorganic Chemistry* 6 (2001): 727-732.

Franklin D. Schurz, professor of management, published "Moderators of the Influence of Supervisor-Subordinate Similarity on Subordinate Outcomes," coauthored with C. Bullis, in the *Journal of Applied Psychology* (2001).

Slavi C. Sevov, professor of chemistry and biochemistry, published "Synthesis and Characterization of Cs₅In₃As₄ with a Structure of two Coexisting 'Polymorphic' Forms of Different Dimensionality," coauthored with F. Gascoin, published in *Inorganic Chemistry* 40 (2001): 6254-6257.

Bradley D. Smith, professor of chemistry and biochemistry, published "Using Pentafluorophenyl as a Lewis Acid to Stabilize a Cis Secondary Amide Conformation," coauthored with C.C. Forbes and **Alicia M. Beatty**, associate research professor of chemistry and biochemistry, in *Organic Letters* 3 (2001): 3595-3598.

Mark Suckow, director of Freimann Life Science Center, published "Cutaneous Epitheliotropic Discrete Cell Tumor in a Tiger Salamander (*Ambystoma tigrinum*)" in *Axolotl News* 29 (2001): 10-11.

Robert P. Vecchio, Schurz Professor of Management, published "Moderators of the Influence of Supervisor-Subordinate Similarity on Subordinate Outcomes" with R. C. Bullis, in the *Journal of Applied Psychology* 86 (2001): 884-896.

John Weber, associate professor of marketing, published "Illusions of Marketing Planners" in *Psychology and Marketing* 18, no. 6 (2001): 527-563.

Eduardo E. Wolf, professor of chemical engineering, coauthored "Semiconductor-metal Composite Nanostructures. To What Extent do Metal Nanoparticles Improve the Photocatalytic Activity of TiO₂ Films" with V. Subramanian, and **Prashant V. Kamat**, professional specialist in the Radiation Laboratory, published in *Journal of Physical Chemistry B* 105, no. 46 (2001): 11439-11446.

Samir Younés, associate professor of architecture and director of Rome Studies, had his book, *The True, the Fictive and the Real*, reviewed in the *Journal of Architectural Education* 55, no. 2 (2001): 119-121.

Administrators' Notes

ACTIVITIES

Iris Outlaw, director of Multicultural Student Programs and Services, copresented "How to Survive Teaching Courses on Race and Culture: How to not have students take it so personally, and survive student evaluations, while not burning yourself out" at the Boston College: Diversity Challenge Conference, Oct. 12-13; and copresented "Survivor: Teaching Courses on Race and Culture" at the American Council on Education's Educating All of One Nation Conference, Oct. 18-20 in Cincinnati.

Scott Siler, director of Alumni Information Technologies, presented "Irish Online: Features and Marketing" to the e-Alumni 2001 fall conference held in Boston, Nov. 5-6.

Documentation

Faculty Board on Athletics October 4, 2001

Members present: Prof. Fernand Dutille (chair); Prof. Matthew Barrett; Prof. Harvey Bender; Prof. John Borkowski; Dr. Matthew Cullinan; Prof. Joseph Gultinan; Dr. Kate Halischak; Prof. Blake Leyerle; Prof. Jerry Marley; Prof. Layna Mosley; Ms. Laura Patterson; (Rev.) Mark Poorman, C.S.C.; Prof. Clark Power; Prof. Kerry Thomas; and Dr. Kevin White.

Observers present: Ms. Mary Hendriksen (recorder); Ms. Sandy Barbour; Ms. Missy Conboy; and Mr. Bernard Muir (Department of Athletics).

Guest present: Mr. William Scholl (assistant director of athletics for marketing).

1. **Call to order and prayer:** The chair called the meeting to order at 4:20 p.m. Prof. Barrett led the group in prayer.

2. **Minutes of Meeting of September 4, 2001:** Prof. Bender moved that the minutes be approved; Ms. Patterson seconded. The motion carried unanimously.

3. **Announcements:** The chair announced that he had approved, on the Board's behalf, the following team schedules: men's basketball (2001-02); women's lacrosse (fall 2001); men's and women's indoor track and field (2002); women's swimming and diving (2001-02); and men's and women's fencing (2001-02).

The chair announced that he had approved an amendment of the team schedules for volleyball and for men's and women's cross-country. In each case, an extra Friday (October 5) has been added. In each case, as well, the amended schedule falls within Board guidelines.

The chair announced approval of the schedule for women's tennis (2001-02), but added that the entry for the "Indoor Invitational," set for February 8 through February 10, will require special Board approval should the team be invited.

The chair noted for the record that the Board had approved, through e-mail vote, the team schedule for women's basketball (2001-02).

The chair noted for the record that the Board had approved, through e-mail vote, the following captains: Luke Watson (men's track and field); Andy Bushey and Steve Stanley (baseball); and Jennifer Handley and Hilary Burn (women's cross-country).

4. Corporate sponsorship of Notre Dame athletics and related issues:

The chair stated that, in connection with the recent announcement of the University's contract with General Motors, questions had arisen concerning the parameters and principles guiding the University in its decisions regarding corporate sponsorship. Although the Board's jurisdiction does not directly extend to such matters, the chair recognized that virtually everything done under Notre Dame's aegis reflects to some extent on the academic enterprise. Accordingly, he invited the department of athletics to address that issue. Introducing the presentation, Dr. White observed that the arrangement with General Motors, though unresolved, was already "on the table" when he assumed his position as director of athletics. Moreover, many other relationships were already in place. The department of athletics works closely with the licensing committee. Clearly, the University does not want to commercialize Notre Dame stadium. But a fair amount of "signage" does appear at hockey, baseball, and softball games, for example. Father Malloy has now appointed a marketing committee whose membership draws from the entire campus. At that point, Dr. White introduced Mr. William Scholl, assistant director of athletics for marketing. The arrangement with General Motors, Mr. Scholl stated, represents a one-year experiment. The arrangement provides money for Notre Dame, use of automobiles for staff, and some exclusivity for General Motors. The visibility granted General Motors in return involves a low-key kiosk on the aprons of Gate 3 and Gate 10 of the Joyce Center. Moreover, the arrangement allows limited use of the Notre Dame logo by local dealerships. Notre Dame's logo also appears on a web site "sweepstakes." Notre Dame has only a few such partners: Adidas, Toro, Gatorade, and General Motors. Media sponsors, like NBC and Host Communications, constitute a separate category; they in turn sell to

advertisers. With regard to Olympic sports, marketing works with many companies; indeed, corporate involvement is the norm. But these arrangements seek to attract fans to the games, rather than to produce revenue. For example, a receipt from Meijer's might entitle one to a free ticket of admission. Hundreds of companies fall into this category. In years past, Notre Dame's licensing committee set the parameters for such arrangements. Now, with the establishment of the marketing committee, licensing and marketing will be handled separately. Dr. Cullinan added that Father Malloy wished to reinstate a marketing committee because some matters fall beyond the issue of licensing. This committee will look into how proposed arrangements affect campus culture. Prof. Power asked whether one automobile agreement precludes another. Dr. Cullinan responded that the General Motors arrangement eventuated despite Ford's relationship with the Mendoza College of Business. Dr. White added that athletics departments generally carry their own stable of partners; typically, if Ford is the academic partner, then Chevy is the athletics partner. Indeed, it is not atypical to play competitors off, one against the other. Prof. Guiltinan noted that Ford's relationship with the College of Business differs significantly from the typical commercial arrangement. Prof. Bender inquired about advertising involving specific coaches. Ms. Conboy responded that outside income of staff members that relates to their jobs and rises above a low, threshold amount must be reported to Father Malloy. Ms. Barbour added that the permission of the Department of Athletics also must be gotten. The chair asked whether such decisions took place on a case-by-case basis. Mr. Scholl answered affirmatively, but noted that the new committee on marketing will put into place parameters. Currently, one of the only general parameters involves the refusal to commercialize the stadium. Dr. White noted that the "Jones Day Report," done in connection with the reorganization of athletics in Spring 2000, mandated that the department of athletics seek out opportunities for revenue. Dr. White stressed that all such income goes not to the department of athletics, but to the University's general fund. Prof.

Barrett noted that the recent Knight Commission report, entitled *A Call To Action: Reconnecting College Sports and Higher Education*, warned against exploitation of student-athletes; do logos on their uniforms do that? Dr. White acknowledged that college athletics is already "down that path." Universities find themselves tied to shoe and apparel companies. Many of these arrangements developed when gender equity spurred the expansion of athletics and such arrangements provided the income for that expansion. Nonetheless, the NCAA will not allow further commercialization; we will likely stay where we are. Ms. Barbour added that NCAA regulations closely restrict such logos, both in size and in number. Moreover, at Bowl games, the logo restrictions apply to coaches as well. There being no further questions, the chair thanked Mr. Scholl for his presentation.

5. Outdoor-track schedule (Good Friday play): The chair informed the group that the proposed schedule for outdoor track called for competition on Good Friday. The chair reminded the group of its guideline regarding such competition: "Competition is discouraged except as scheduled by conference. Exceptions will be considered for those sports that require weekend tournaments. Home competition is not permitted. Practice may be conducted after 3:00 p.m." Is outdoor track, the chair asked, a sport that "require[s] weekend tournaments"? Prof. Barrett moved that the Board discuss the issue; Prof. Mosley seconded that motion. Ms. Barbour stated that although track does not always use three-day tournaments, such tournaments are not uncommon. The quality of track meets becomes important later in the season, for example with regard to qualifying for "nationals." Not every athlete would compete on Good Friday. Prof. Leyerle stressed her view that competition on Good Friday is wrong. Reasons of conscience compel this result, since individual players do not have the freedom to say "no." Good Friday remains crucial to Notre Dame's Catholic identity.

Competition on Good Friday tarnishes Notre Dame's image. She would advocate a change of our current rule to bar absolutely all competition. Prof. Barrett

noted that such a rule change might be an agenda item for his subcommittee on student welfare. Prof. Guiltinan asked why some meets last three days. Ms. Barbour responded that the length of a meet might depend on the number of competitors; preliminary qualifying rounds may need to be run. Prof. Borkowski asked the relevance of the "3 p.m. rule." Even with that rule, if a team is on the road its members are not able to worship. He would advocate a strong stand on this particular proposal and urge a new general rule against competition on Good Friday, Easter, or December 24 and 25. Student-athletes should have the freedom to observe major religious holidays. The chair noted the difficulty of accommodating a "moveable feast" like Easter; many tournaments occur on the same calendar week-end each year. Prof. Thomas argued against Good Friday events; if we miss one, what damage is done? Ms. Barbour said that some field events could still take place on Saturday. Dr. White noted that the particular issue before the Board involved a meet for "mid-pack athletes." (The higher-ranked athletes will go to different meets.) Since we can drive to this meet, which takes place at Purdue, we can take lots of athletes. Such meets greatly aid their development. The Purdue meet may be one of the few meets that some athletes will attend all year. Ms. Patterson asked whether Notre Dame will be consistent; would it keep its basketball teams from playing in the "Final Four" on Easter weekend? Prof. Guiltinan responded that the Board has always made exceptions for teams during the tournament period; the rule under discussion applies to regular-season scheduling. Prof. Thomas said that a priest could be sent with the team. Prof. Marley noted a distinction between competing and traveling; during travel, there is no opportunity to worship. Prof. Leyerle observed that competitions on campus on Good Friday have been barred because they "wouldn't look good." But in terms of worship, it would be better for student-athletes if competitions were held on campus. Coaches purposely schedule competitions during the Easter week-end, she added, in order to keep their schedules within the Board's guidelines relating to missing class. Disagreeing

with the suggestion of one Board member, Prof. Mosley argued against pushing the NCAA to disallow competition on major religious holidays. She advocated a "libertarian" view: let each university do "its own thing," and not impose its views on others. Father Poorman reminded the group that the University now honors only one solemn holy day: Good Friday. That fact, he stressed, should inform our decision. He supported Prof. Leyerle's view. Prof. Borkowski urged that the subcommittee look at this issue soon. The chair asked whether the travel schedule under discussion fell within Board guidelines; golf, track, and rowing are sports that might be thought to require weekend tournaments. We should follow those guidelines until they are changed. In response to Prof. Thomas's query, Ms. Barbour noted the difficulty of postponing the decision; media guides, travel arrangements, and the like require a significant lead time. Prof. Borkowski urged that change occur in an orderly way—through a rule change. He expressed the hope that worship would be made available to teams when traveling. He moved to approve the schedule under discussion; Prof. Guiltinan seconded that motion. Prof. Barrett, noting the current guidelines' exception for "weekend tournaments," favored approval of the schedule. Father Poorman stated that the rule must be changed so that we do not face this issue again next year. He asked the department of athletics to provide data with regard to Good Friday competition over the last five years. The motion to approve the schedule and to send the general issue to the subcommittee on student welfare passed unanimously.

6. Decision to fund grants-in-aid at the maximum level permitted by the NCAA: The chair noted Board concern that the University's decision to provide scholarship aid to varsity athletes at the maximum level allowed by the NCAA took place without consultation with the Faculty Board on Athletics. He asked Dr. White to address both the substance of the decision and the procedure through which it was reached. Dr. White noted that the "Jones Day Report" recommended the provision of more support to sports other than football. Dr. White therefore

worked to develop a proposal for providing additional revenue to these sports. The plan earned the approval of the Officers Group, the Board of Trustees subcommittee on athletic affairs, and the Board of Trustees finance committee. As a result, Father Malloy told him to move forward. Prof. Power noted that during the spring of 2000, before the reorganization, the Board had asked Father Malloy repeatedly to see the "Jones Day Report." Citing confidentiality, Father Malloy denied access. The Board, stated Prof. Power, should have received the report. At a time when it was trying to define its role, the Board asked for the report and didn't get it. That report, we now learn, would have had a direct bearing on this issue. Prof. Barrett added that he personally had requested the report. Dr. White said that the report decried Notre Dame's "marginalizing" of the opportunity to be competitive in other sports. It set out Stanford as a model. We now have a master plan for athletics over the next ten years. Many of these initiatives spring from the "Jones Day Report." The chair asked Dr. White what impact the planned financial aid for student-athletes would have on the nature of our student body. Notre Dame's assistant provost for enrollment, Dan Saracino, had predicted a positive impact, Dr. White responded. We will surely get better athletes; whether they will be better students, he noted, is less clear. Nonetheless, the scholarship aid for student-athletes will probably result in more regular aid remaining for other students. Prof. Borkowski asked about "downsides," under a regime of a maximum number of scholarships, will there be fewer "walk ons"? Dr. White responded that the sports under consideration are not "head count" sports, but rather "equivalency" sports—that is, we will basically dole out small amounts of money across a large number of people. We will always have walk-ons; at full funding, Stanford still does. The real silver lining: now, without full aid, we must do "bulk recruiting," because so many of our recruits end up going elsewhere. With the maximum number of scholarships in play, we will better be able to target recruits. Ms. Conboy pointed out that on those teams that will be affected, the number of team members usually is twice the number

of full scholarships allowed. Responding to Prof. Borkowski's question concerning whether the pressure to win will mean that the extra players will less likely actually participate, Dr. White stressed that all coaches focus on winning, whether or not they have scholarships to offer. Dr. White noted that almost ninety percent of institutions in our category feature full funding. Ms. Barbour added that Notre Dame's high tuition presents one more reason for such scholarships. Prof. Power, noting the big gap between the entering credentials of student-athletes in the high-profile sports and the rest of the student body, wondered if that gap would in time extend to sports like soccer and lacrosse. Ms. Barbour saw no reason to expect any change in the current gap for such sports, a gap that is much smaller than the one obtaining in the high-profile sports. Dr. White added that at Stanford, for example, there still remains but a small gap between the student-athletes in Olympic sports and those in the general population. We now fund at eighty percent of the NCAA maximum; we are merely planning to fill the remaining twenty percent across twenty sports. Dan Saracino will not let the credential gap get larger. Ms. Patterson pointed out that student-athletes in Olympic sports do not envision professional careers; excelling in their sport presents one way of getting scholarships to college. Prof. Power observed that the Board's discussion underscores why academic bodies should be involved in such decisions. Maybe the decision to fund at the maximum level was a good one, but nonetheless the Board should have participated in that decision.

7. Fifth year of eligibility: To whom do our policies apply? The chair noted that during the 2000-01 academic year the Board extensively revised the procedures applying to students seeking a fifth year of eligibility. But those procedures do not define which students must apply for a fifth year of eligibility. Does a student-athlete who spends a year away from Notre Dame need to apply for a fifth year of eligibility as a senior? Should we add a paragraph specifying more clearly which students fall into the fifth-year category? Prof. Barrett urged that the definition incorporate the reason for which the student

spent the time away: was the student taking care of a parent or was the student in prison? The chair, disagreeing, felt that the reason for the absence does not affect whether the student is a fifth-year applicant, although it might affect the merits of the petition. Dr. Halischak presented other questions: what of students in five-year programs like architecture? What of students who "walked on" in their junior year? The Board unanimously agreed that the matter should be sent to the subcommittee on academic integrity for examination.

8. Future scheduling problems for basketball: The chair informed the Board of a request by the department of athletics for permission to schedule a non-conference game, in both men's and women's basketball, on a study day during the 2002-03 academic year. During that year, and apparently in some other years as well, there will be one fewer week during the pre-conference period for such games to be scheduled—and nine such games must be scheduled in the period from November 22 through December 24. In response to Prof. Barrett's inquiry as to whether we could play twenty-six rather than twenty-seven games, Dr. White asserted that the full complement of twenty-seven was needed to ensure competitiveness within the NCAA's procedures for selecting tournament participants. Mr. Muir asked if other university groups may meet during study days, to which question Father Poorman answered "no". Prof. Leyerle stressed the importance of study days to at-risk student-athletes. Nonetheless, if a competition takes place early in the study-day period, then the players still would have a solid block of study time remaining. Father Poorman asked whether other coaches would react adversely; would a waiver in this case come back to haunt us? Prof. Borkowski felt it better for students to have one game during the study period than lots of games crammed into the regular time. He noted the difficulty of passing on this request without a "layout" of the entire tentative schedules. Ms. Barbour stated that she would provide such schedules to the chair. The Board took no further action on this matter.

9. Reports of subcommittee chairs: Prof. Barrett, chair of the subcommittee on student welfare, listed the following matters as potential agenda items for his subcommittee: drug-testing of student athletes (Prof. Barrett serves on a University committee addressing this topic); the "exit surveys" completed by student-athletes who were graduated from the University last May; the rules regarding competition on Good Friday; and off-campus residency for student-athletes. Prof. Power, chair of the subcommittee on communications, informed the Board that he would bring to the next meeting ideas on increasing Board communication with the faculty at large.

10. New business: Prof. Borkowski moved that the chair approve, on the Board's behalf, all future nominations for team captaincies that fall within the Board's guidelines; only nominations raising questions under those guidelines should come before the Board as a whole. Prof. Guiltinan seconded the motion, which passed unanimously.

Prof. Borkowski then noted his concern that gambling had been cited as a source of income by at least some student-athletes during a University orientation session. Ms. Barbour emphasized that NCAA rules prohibit gambling by student-athletes on either collegiate or professional sports. Mr. Muir added that allusions to gambling might sometimes refer to casino gambling, which NCAA guidelines do not address.

The meeting was adjourned at 6:15 p.m.

Graduate Council Meeting

April 4, 2001

Graduate Council members present: James L. Merz (chair), Terrence J. Akai, Peri Arnold, Cindy Bergeman, Peter Diffley, Julia Douthwaite, Dennis Jacobs, LeRoy Krajewski, Gary A. Lamberti, Blake Leyerle, James H. Powell, John Renaud, Mark W. Roche, Dan Sheerin, Andrew Sommese, Bill Spencer, Lynette P. Spillman, Barbara Turpin, John Uhran (for Frank P. Incropera), Caroline Y. Woo,

Jennifer A. Younger.

Graduate Council members absent but excused: Mark Buckles, Peter Burns, Francis J. Castellino, Umesh Garg, Anthony K. Hyder, Samuel Paolucci, Alex Samuel, James C. Turner.

Observers: Janice M. Poorman, Diane R. Wilson.

UCRSP members present (in addition to James L. Merz and LeRoy Krajewski): Howard Hanson, Jacek Furdyna, Charles Kulpa, Ellen Rogers, Jerry Wei.

UCRSP members absent but excused: Peter Bauer, Maureen Hallinan, Don Howard, Wolfgang Porod, Charles Rice, James Turner.

Prof. James Merz, vice president for Graduate Studies and Research, called the meeting to order at 3:35 and began with a prayer.

Prof. Merz asked for approval of the minutes. Prof. Andrew Sommese asked that the minutes be corrected to reflect that he was present for the previous meeting. Professor Merz noted this correction and the minutes were then approved as amended.

Prof. Merz then began what he had described in the agenda as a retrospective on graduate studies and research at Notre Dame over the past five years, a review of his tenure as vice president for Graduate Studies and Research. He explained in his overview of "Stewardship of Graduate Education" that his categories for presentation were based on the goals he had outlined in his inaugural vision statement: faculty development, interdisciplinary research, laboratory and infrastructure development, marketing and public relations, and graduate studies, with a concluding vision of Notre Dame as a great Catholic university.

Prof. Merz identified faculty development as critical to the support of graduate education. While faculty development has not been immediately under his authority, he has assisted in several notable ways and has argued for greater involvement of the vice president for Graduate Studies and Research in the process of faculty hires.

With respect to interdisciplinary research, Prof. Merz noted that the Graduate School has set out new policies for the establishment and review of interdisciplinary centers and has been instrumental in the establishment of the following: Center for Molecularly Engineered Materials, Center for Nano-science and Technology, Center for Tropical Disease Research and Training, Keck Center for Transgene Research, and Walther Cancer Research Center. The establishment of two or three more interdisciplinary centers is on the horizon.

Prof. Merz then detailed the goals of the 21st Century Research and Technology Fund toward the promotion of high tech resources in the advancement of the State of Indiana. He noted that Notre Dame has been an effective leader in the establishment and direction of the fund, garnering nearly 20 percent of the initial two-year, \$50 million fund. Prof. Merz has also been actively involved in trying to convince the House to renew this support for another \$50 million for next year. In addition, he detailed the fiscal resources earmarked by the federal government (the so-called "pork-barrel" monies) for use by Notre Dame research initiatives during fiscal years 2000 (\$2.4 million) and 2001 (\$10 million).

Prof. Merz identified some of the reasons that laboratory and infrastructural development are so critical to research initiatives at Notre Dame, and he explained that to achieve the next level of excellence, increased internal and external support are essential. He then elaborated on some of the infrastructural developments implemented or supported by the Graduate School during his term of leadership, including the following: investment in remote research facilities; implementation of electronic research administration at Notre Dame; establishment of technology transfer service; and the allocation of cost share funds toward equipment restoration and renewal, faculty research programs, special purchases and required matching funds for major research programs.

Prof. Merz went on to explain that from 1996 to 1999, financial awards for sponsored research were steady but showed only modest signs of growth. However,

awards started to rise in 2000 and are anticipated to reach over \$60 million for FY 2001. Likewise, the number of research proposals is anticipated to rise dramatically during the remainder of this fiscal year. Prof. Merz pointed to some current initiatives that should prove to be particularly helpful toward the continued rise in research awards. These include the establishment of corporate embedded centers, electronic research administration, which needs continuous upgrading, and the return of indirect costs to principal investigators, which, though not yet in place, may be realized in the very near future.

In outlining his fourth major category of achievement, marketing and public relations, Prof. Merz listed some new programs and materials. He suggested that at Notre Dame, research endeavors have long been a best-kept secret. With new and revised promotional materials, with expanded use of the Internet, and with innovative outreach efforts to publicize research activities to campus visitors, Prof. Merz said he anticipates higher visibility for Notre Dame's research efforts. He also pointed to the establishment of a new research achievement award to further incentives for faculty research and scholarly achievement.

With respect to graduate studies, Prof. Merz indicated that as the reputation of Notre Dame faculty has continued to grow, the quality of its incoming graduate students has likewise improved. Quality indicators are going up: more students come from top 200 national and liberal arts schools; already impressive GRE scores and GPAs have held steady or had modest gains; and more students arrive intending to earn a Ph.D. Merz suggested that these indicators bode well for prestigious placements for Notre Dame graduate students in the future.

Merz described several recent efforts to improve quality and placement of graduate students. One such effort has been the establishment of prestigious fellowships, including those designed to support the top 10 percent of graduate enrollment—the Presidential, Schmitt, and Luce Fellowships. He also highlighted a new distinguished fellowship program for Latino(a) Ph.D. students, for which Notre Dame has accepted its

first \$1.5 million in endowment through the Development Office. Merz also noted the reality of very competitive stipends for graduate students in light of a very low cost of living in the South Bend area, and he further noted the establishment of "early start" fellowships for incoming students, as well as recruitment funds allocated to each department by the Graduate School. The Graduate School also continues to assist all departments with good advice and counsel in their recruitment efforts. In its efforts to make graduates more competitive, the Graduate School has also moved toward 12-month, six-year funding for Ph.D. students, has established a professional development fund to assist students, and has implemented both a summer grant-writing fellowship and a postdoctoral-teaching fellowship for recent Notre Dame graduates.

Prof. Merz went on to explain that the Graduate School has long held as an important goal, enhanced racial and ethnic diversity among its U.S. student population. While minority enrollment as a percentage of U.S. students constituted only 8 percent in 1995, it made up approximately 17 percent in AY 2000–01. Merz also noted his role in maintaining Notre Dame's commitment to the National Consortium for Graduate Degrees for Minorities in Engineering and Science (GEM), for which Notre Dame serves as host institution.

As a concluding vision for the future of graduate studies, Merz explained the importance of building a critical mass of graduate students at Notre Dame to keep pace with a growing faculty. While the adage "small but superb" served Notre Dame well in the past and while the Graduate School will never be large, modest growth is essential to sustain quality. In light of the student/faculty ratios of peer universities, Prof. Merz established a target of growth of one third, from approximately 1,500 to 2,000 graduate students over the next few years. Merz suggested that the Graduate School cannot be truly great without such growth. He then concluded his retrospective by remarking that Notre Dame must be fully engaged in research and graduate education to be the preeminent Catholic University it aspires to be.

Prof. Merz then initiated a discussion concerning the future of graduate studies and research and gave a brief review of the activities of both the Graduate Council and the UCRSP, as well as the achievements of the combined groups since 1997. He then reviewed what he had sent to each member prior to the meeting concerning the prescribed roles of the respective groups and invited discussion on possible future activities.

The discussion began with a question from Prof. Spencer concerning what he presumed to be a decline in the number of graduate students. In the face of such a decline, Spencer wanted to know what the Graduate School had been spending its money on. Prof. Diffley clarified that the need for more graduate students as detailed by Prof. Merz is primarily a function of increased faculty size without a concomitant rise in the number of graduate students. Diffley then invited the group to comment on their perceptions of current problems or concerns of graduate students.

Prof. Arnold identified the need for office space as a critical one among graduate students, and said it is a need that is not easily resolved. Prof. Diffley replied that this need is certainly a matter of priorities, and he cited the new Theology/Philosophy building as an example of the university's priorities. Prof. Merz added that in his view Decio was a mistake for not including space for graduate students near their respective faculty. Prof. Roche replied that he has made known to the officers at every opportunity the need for more office space for graduate students. He noted that some progress has indeed been made, and cited the plans in motion for additional space for both Math and Science.

Prof. Spillman asked whether housing graduate students with or near their faculty would have the effect of balkanizing the departments even further rather than moving them toward increased interdisciplinary activities. Prof. Akai responded that Prof. Douthwaite's teas were an effort to address this need, but that little else seems particularly helpful in uniting departments across discipline lines. Prof. Douthwaite also responded, acknowledging that the

teas had proved helpful and that the next topic, "how to combine research and teaching in various departments," should also prove a fruitful one.

Dr. Younger cited the need for more study space for graduate students in the Library, and Prof. Leyerle suggested that library needs were in general of greatest significance to graduate students. Leyerle further noted that some prospective theology students have accepted the offers of admission at peer institutions because of the issue of library resources. Dr. Younger replied that new compact shelving and digitization will help somewhat reduce space needs.

Prof. Sheerin alluded to Prof. Merz' presentation on the state of affairs for graduate studies at Notre Dame and articulated the importance of exposure to scholarly research and the needs of programs other than one's own. Prof. Sheerin then suggested that the Graduate Council and UCRSP might serve to facilitate such exposure by offering a kind of open house event.

Prof. Furdyna asked what the phrase "small but superb" means. In response, Prof. Merz repeated his concern that the phrase not be used to inhibit some modest growth of the Graduate School. Prof. Diffley added that if we grew by 500, we would still be relatively small. Furdyna said he was opposed to any implicit suggestion of the past that we maintain strengths only in existing programs and disciplines without an eye toward the building of new strengths. He further postulated that the Graduate Council could serve as a collective voice to the Provost's Office and to the other officers to extend the influence of the Graduate School in this regard.

Mr. Hanson introduced a new topic for consideration, alluding to the recent growth in faculty research proposals, from \$78 million at this time last year to \$150 million already for FY 2001. He made known that the Office of Research is currently studying the question of how administrative support for research can be enhanced at Notre Dame, and he invited the group to consider this question as well and to explore other models and processes. Prof. Merz offered that he thought this a worthy exploration by the combined Graduate Council and UCRSP.

Prof. Diffley expressed a need to examine the structure of the Graduate School's current meetings of Directors of Graduate Studies, allowing a greater faculty voice on issues concerning graduate studies. Prof. Lamberti articulated yet another concern in the area of graduate studies, the issue of the amount and duration of student stipend support. He articulated the need for 12-month, 6-year support in the sciences and engineering. Prof. Merz responded that the problem of adequate student support is even more severe in the humanities. Merz went on to caution that the Graduate School should not have to downsize the amount of stipend support to ensure 12-month stipends.

Prof. Kulpa said that he had read with astonishment and delight the intended roles of the two groups, and he wondered why they had never sent any recommendations to the officers. He proposed that the two groups might be more effective if fused into one group without the UCRSP having a separate existence. Prof. Merz highlighted some of the valued discussions of the combined groups over the years, but also suggested a value in their separate existence. Prof. Douthwaite interjected a related question concerning the role of the Graduate Advisory Council, asking whether that body could not perhaps come together with the Graduate Council and UCRSP to effect some needed changes.

Prof. Douthwaite also raised the issue of adequate graduate student health insurance as a critical need. Prof. Merz interjected that the cost of good health insurance, particularly for spouses and children, is very high, and he invited comment on whether the university should subsidize insurance costs more effectively. Dr. Powell commented on the existence of the Family Medical Assistance Program of the Graduate School, designed to make basic care accessible to those in greatest need. He added that in the face of catastrophic need, this program cannot suffice. He also agreed that the cost of meeting the health insurance needs of families is very high. Prof. Merz added that an increased cost assumed by all students to meet the needs of those with families has been rejected by graduate students. Prof. Furdyna said that in light of his review

of our peer institutions on this issue, he believed Notre Dame to be behind in not offering fringe benefits like health insurance to supplement student stipends.

Prof. Roche returned to the topic of the role of the councils and said that he liked the suggestion that the councils should have greater input and more discussion of issues so as to lobby more effectively. He also supported some opportunities for individuals from a variety of programs to present to the councils their challenges and best practices. This forum would even be preferable to having departmental reviews discussed at the council meetings. Prof. Roche also raised the issue of the importance of integrating graduate and undergraduate research more effectively in the future. Prof. Merz added that the message about the positive benefits of research even for undergraduates at Notre Dame needs to be better disseminated.

Prof. Merz thanked the group for their sharing of ideas and expressed his deep appreciation for both councils. The meeting was adjourned at 5:35.

Omitted from the Faculty Listing:

MICHAEL H. MORRIS, *Professor of Accountancy*. B.S., Case Western Univ., 1972; M.B.A., Univ. of Cincinnati, 1974; Ph.D., *ibid.*, 1980 (1979)

As additions and corrections are brought to our attention, they will be included in this section.

Attention Unaffiliated Members of Phi Beta Kappa:

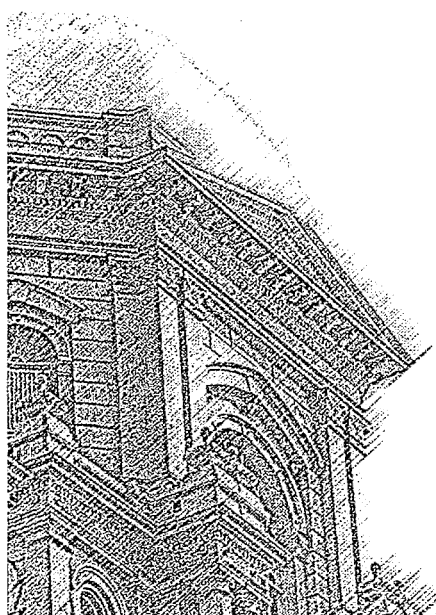
The Univ. of Notre Dame local chapter of PBK is seeking out faculty and staff who were elected Phi Beta Kappa at other universities. Please contact the chapter secretary, Marya Lieberman (mlieberm@nd.edu). Give your name, the name of the college or university, and the year you were elected to membership. If you are interested in affiliating with the local chapter and participating further in its activities, please indicate this and you will be contacted.

Corrections to Issue No. 4

The following addition has been brought to our attention:

University Committee on Women, Faculty and Students (p. 4-70): The new Graduate Student Representative is Willow Wetherall, whose term ends in 2002.

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