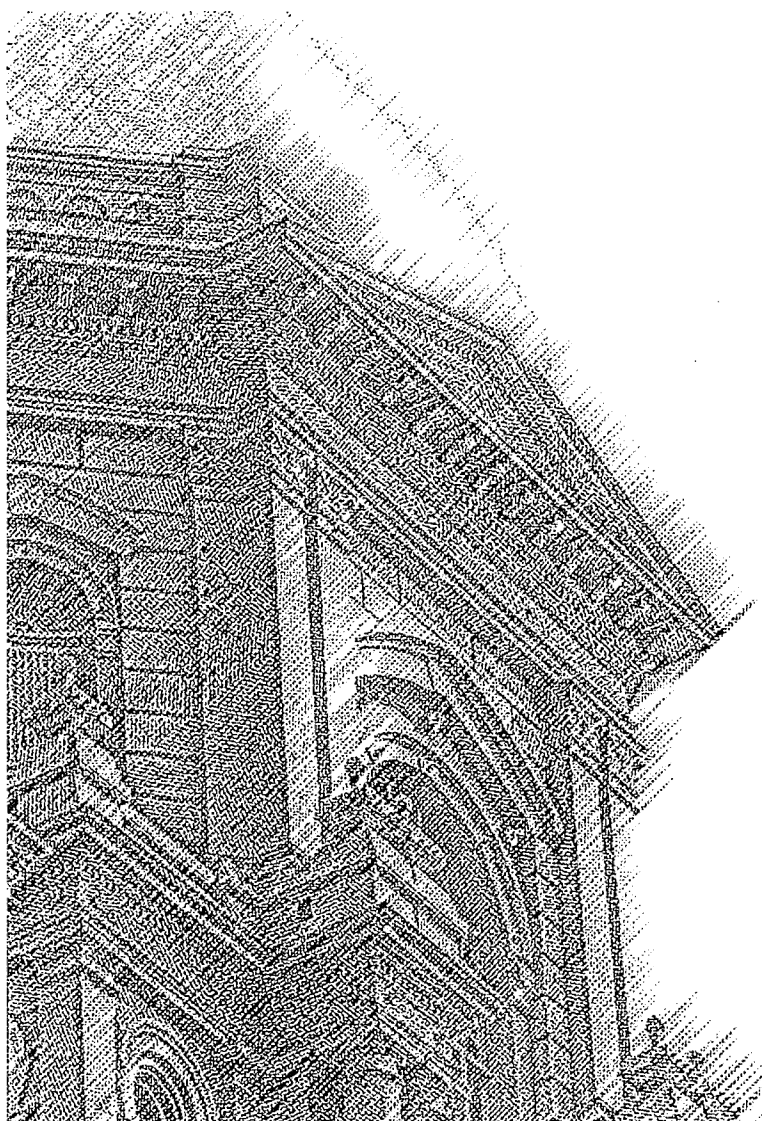


Notre Dame Report



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The University

Notre Dame 2010 Launched

The University has launched a strategic planning process to determine its priorities and needs in coming years. Chaired by Rev. Edward A. Malloy, C.S.C., a 13-member coordinating committee leads the process titled "Notre Dame 2010: A Quest for Leadership." The process will review the future in higher education, research priorities and challenges, and finance and fund-raising, with a fourth group examining the curriculum at Notre Dame.

Academic Apparel Rental

Measurements for academic apparel for the May 2002 Commencement Exercises will take place on Tuesday and Wednesday, April 16 and 17, ONLY from 9 a.m. to 7 p.m. at the Hammes Notre Dame Bookstore in the Eck Center. The rental of a doctoral cap, gown, and hood is \$40. Faculty who received a Ph.D. or law degree from Notre Dame may rent the Notre Dame doctoral cap, gown, and hood. The rental fee is \$91. The rental of a cap, gown, and hood for the master's degree is \$38.

Faculty Notes

Honors

Teresa Ghilarducci, associate professor of economics, director of the Labor Research Center, and fellow of Nanovic, Kellogg, and Kroc Institutes, was appointed by Congress and the President a participant in the National Summit on Retirement Savings, Feb. 27 through Mar. 1.

Gregory Gundlach, Berry Professor of Business, has accepted the position of associate editor of the *Journal of Public Policy and Marketing*.

Stephen M. Hayes, librarian, has been appointed to the Ad Hoc Subcommittee on Government Information of the American Library Association.

Robert E. Haywood, assistant professor of art history at Notre Dame and visiting associate professor of modern and contemporary art at the Mass. Institute of Technology (2001-2002), has been appointed to the editorial board of MIT's art and architectural journal *Thresholds*; has been awarded a Getty Library Research Grant to assist with the publication of his book *Allan Kaprow and Claes Oldenburg: Art, Happenings, and Cultural Politics (c. 1958-1970)*, forthcoming from Yale Univ. Press; and has also been awarded a Clark Fellowship and will be a Clark residential scholar during summer 2002.

Anthony M. Trozzolo, Huisman Professor Emeritus of Chemistry, was re-elected to a fourth three-year term as a member of the award jury for the Willard Gibbs Medal administered by the Chicago Section of the American Chemical Society.

John P. Welle, associate professor of romance languages and literatures, has been named to the editorial board of the series, *Studi e Testi*, sponsored by Annali d'Italica, Univ. of North Carolina, Chapel Hill.

Activities

Asma Afsaruddin, assistant professor of classics and fellow in the Kroc Institute, gave the invited talk "Muslim Responses to America's New War" at the symposium "Islam, 9/11, and U.S. National Security," organized by the American Council for the Study of Islamic Societies and the College of William and Mary, Washington, D. C., Mar. 4.

Ikaros I. Bigi, professor of physics, presented the High Energy Physics Seminar "On Quark-hadron Duality and Other Theoretical Uncertainties" at the Aspen Workshop on Heavy Flavour Dynamics, Aspen, Colo., Aug. 30; the concluding lecture "Observations and Reflections on CP Violation" at the Michigan Workshop on CP Violation, Ann Arbor, Nov. 17; the physics colloquium "The Breakdown of Microscopic Time Reversal Invariance, the CKM Paradigm and Cathedrals" at the KFZ Jülich, Germany, Jan. 16; the high energy physics seminar "Reflections on CP Violation" at the Enrico Fermi Institute, Univ. of Chicago, Feb. 25.

Jianguo Cao, professor of mathematics, presented "Rigidity of Higher Dimensional Graph-manifolds" at the Differential Geometry Seminar, 974th American Mathematical Society meeting, Univ. of Michigan Mar. 2.

Michael T. Edwards, assistant director for technology transfer and corporate research development from the Office of Research, the Graduate School, presented a workshop titled "Special Interest Group: Small Offices" at the 2002 annual meeting of the Association of University Technology Managers (AUTM) in San Diego, Mar. 1.

Dolores Warwick Frese, professor of English, presented "Making His Bed and Lying In It: Raising the Ghost of Pandarus' Queer Penumbra" at the annual meeting of the Modern Language Association in New Orleans, Dec. 29.

Umesh Garg, professor of physics, gave the invited colloquium "Giant Resonances and Nuclear Incompressibility," Ball State Univ., Muncie, Feb. 7; and the invited seminar "Compressional-mode Giant Resonances and Nuclear Incompressibility," RIKEN,

Saitama, Japan, Feb. 22.

Teresa Ghilarducci, associate professor of economics, director of the Labor Research Center, and fellow of Nanovic, Kellogg, and Kroc Institutes, testified before the U.S. House of Representatives Committee on Education and the Workforce on "The National Erosion of Private Pensions," Feb. 7; and before the same committee on "The Local Economy and National Pension Issues," Jan. 31.

Denis Goulet, O'Neill Professor in Education for Justice, presented "Catholic Social Teaching and Development in a Globalized World" as part of the Lenten Talk Series, Sacred Heart Parish.

Robert E. Haywood, assistant professor of art history at Notre Dame and visiting associate professor of modern and contemporary art at the Mass. Institute of Technology (2001-2002), chaired the session "Visual Arts and The Socialist Era" for the symposium "East European Art and Architecture in the Twentieth Century" at MIT on Oct. 5 and 9; presented "When is Outdoor Sculpture 'Public'?" for the symposium "Art History and Art Criticism," organized jointly by the Clark and Getty Research Institutes, Los Angeles, Jan. 24-25; and presented "Logic of the Not-Monument" at Boston Univ., Feb. 28.

Gordon Hug, associate professional specialist in the Radiation Laboratory, presented "What Time-resolved ESR Tells Us About the Radiolytic Oxidation of Amino Acids," coauthored by P. Wisniowski, **Ian Carmichael**, professional specialist in the Radiation Laboratory, and **Richard W. Fessenden**, professor emeritus of chemistry and biochemistry, at Adam Mickiewicz Univ., Poznan, Poland, Feb. 26, and again at the Institute of Nuclear Chemistry and Technology, Warsaw, Mar. 1.

Richard Jensen, professor and chair of Economics, concurrent professor of finance and business economics, and Kellogg fellow, presented "The Trade-off Between Basic and Applied Research in U.S. Universities" at the Conference on Innovations and Intellectual Property, Solvay Business School, Univ. Libre de Bruxelles, and again at the Center for Operations Research and Econometrics, Univ. Catholique de Louvain, November.

Barry P. Keating, Jones Professor of Finance, presented "Demand Planning Model for the United States Blood Supply" at the annual meeting of the American Association of Blood Banks in San Antonio, Oct. 14.

Thomas A. Klein, visiting professor of marketing, served as a discussant in a session devoted to "Quality Assessment of Campus Computer Laboratories" at the Annual Marketing Management Association Conference in Chicago, Mar. 1.

Timothy Loughran, associate professor of finance, presented "Why Has IPO Underpricing Increased Over Time?" at the Third Annual Institute of Psychology and Markets, in October.

Michael Lykoudis, associate professor of architecture, is teaching in the graduate studio at the Univ. of Maryland's School of Architecture as a visiting professor for the spring 2002 term, where he will explore the relationship between urbanism, traditional principles of construction, and architectural form.

Dan Meisel, director of the Radiation Laboratory and professor of chemistry and biochemistry, served on the panel on "Nuclear and Radiological Threat" at the Dept. of Energy's workshop on "Research Needs to Counter Terrorism," Washington, D.C., Feb. 27 through Mar. 1.

Peter R. Moody Jr., professor of government and international studies, participated in a discussion of the role of money in American politics on the Chinese-language Voice of America television-radio simulcast program "Pro and Con," Mar. 1.

Karen Morris, assistant professional specialist in chemistry and biochemistry, presented a chemistry demonstration show entitled "Colorful Chemistry" at the St. Joseph County public Library, South Bend, as part of the 10th annual ScienceAlive! program at the library.

Liviu Nicolaescu, assistant professor of mathematics, presented "Seiberg-Witten Invariants and Isolated Surface Singularities" at the Symposium on Analysis and Geometry, Fields Institute, Toronto, Mar. 9-10; and "Seiberg-Witten Invariants of Rational Homology 3-spheres" at the Topology-Geometry Seminar at McMaster Univ., Ontario, Mar. 11.

Morris Pollard, Coleman Director of the Lobund Laboratory and professor emeritus of biological sciences, was an invited participant in a "Special Symposium on Prostate Cancer" sponsored by the American Society of Investigative Pathology and United States-Canada Academy of Pathology, Chicago, Feb. 24.

Karen E. Richman, assistant professor of anthropology, presented "Ethnographic Research and Religious Conversion" at the conference "Immigration, Religion, and American Life," Arlington, Tex., Mar. 15-17.

Ryan K. Roeder, assistant professor of aerospace and mechanical engineering, presented "Hydroxyapatite Whiskers Provide Enhanced, Bone-Like Mechanical Properties in Reinforced Polymer Composites" at the 48th annual meeting of the Orthopaedic Research Society, Dallas, Feb. 10-13.

Joachim Rosenthal, professor of mathematics and concurrent professor of electrical engineering, was the first invited speaker of the new "Center of Ring Theory and Its Applications" in the Dept. of Mathematics, Ohio Univ., Athens, Mar. 4-9, where he delivered five lectures on coding theory and cryptography, one of them a University-wide public lecture entitled "The Three Challenges of Claude Shannon."

Steven R. Schmid, associate professor of aerospace and mechanical engineering, gave the seminar "Development of an Advanced Tribology Module for Finite Element Analysis" at Ohio State Univ., Feb. 27.

Thomas L. Shaffer, Short Professor of Law Emeritus, presented the keynote address "Lawyers as Prophets" at a retreat for lawyers "The Reflective Lawyer: Raising the Bar on Ethics," College of St. Catharine, St. Paul, Minn., Feb. 15; and presented two talks at the conference "Viewing the Law Through the Eyes of Faith," sponsored by the Association of Religiously Affiliated Law Schools, Pepperdine Univ., Malibu, Feb. 22 and 23.

Hojung Shin, assistant professor of management, presented "Temporary Quantity Discounts and Supply Chain Inventory Coordination under Stationary Stochastic Demand" at the DSI annual meeting, 2001.

Michael A. Signer, Abrams Professor of Jewish Thought and Culture, presented "Reading the Prophetic Books in the School of Rashi and at St. Victor Abby Paris" at the "Scripture and Pluralism" conference, Univ. of Tennessee, Knoxville, Feb. 21.

Thomas Gordon Smith, professor of architecture, presented "Furniture by Duncan Phyfe and Son at Millford in South Carolina" at the Museum of Fine Arts, Houston, Feb. 21. Prof. Smith's work is the subject of a book by R. John of the Univ. of Miami, *Thomas Gordon Smith and the Rebirth of Classical Architecture* (London: Papadakis, 2001).

John W. Stamper, associate professor of architecture, presented "Philadelphia's Centennial Exhibition as Urban Design: The Influence of Vienna's Ringstrasse" at the annual meeting of the College Art Association, Philadelphia, Feb. 21.

Richard E. Taylor, associate professor and director of Graduate Studies, was an invited speaker at the 10th Biennial Eli Lilly Grantee Symposium, Mar. 3-5, in Indianapolis, where he presented "Conformation-Activity Relationships in Polyketide Natural Products."

John P. Welle, associate professor of romance languages and literatures, gave a response to Nancy Savoca's film "Household Saints" in a round-table discussion organized by the Cushwa Center for the Study of American Catholicism on Mar. 1.

Jennifer A. Younger, Arnold Director of University Libraries, presented "From the Inside Out: An Organizational View of Electronic Resources and Collection Development" at the Electronic Resources and Collection Development Conference, Univ. of Oklahoma, Mar. 7 and 8.

Publications

Asma Afsaruddin, assistant professor of classics and fellow in the Kroc Institute, published the book *Excellence and Precedence: Medieval Islamic Discourse in Legitimate Leadership* (Leiden: E.J. Brill, 2002).

Panos J. Antsaklis, Brosey Professor of Electrical Engineering and director of the Center for Applied Mathematics, co-authored "Hybrid System Control" with X.D. Koutsoukos, published in the *Encyclopedia of Physical Science and Technology, Third Edition* 7 (Academic Press, 2002): 445-458; and "Synthesis of Deadlock Prevention Supervisors using Petri Nets" with M.V. Iordache and J.O. Moody, published in *IEEE Transactions on Robotics and Automation* 18, no.1 (Feb.): 59-68.

Klaus-Dieter Asmus, professor of chemistry and biochemistry, coauthored "OH-Radical-induced Oxidation of Methanesulfinic Acid. The Reactions of the Methanesulfonyl Radical in the Absence and Presence of Dioxygen" with R. Flyunt, O. Makogon, M.N. Schuchmann, and C. von Sonntag, published in the *Journal of Chemical Society, Perkin Trans 2* (2001): 787-792, NDRL: 4282.

Ian Carmichael, professional specialist in the Radiation Laboratory, coauthored "Hydroxymethyl Group Conformation in Saccharides: Structural Dependencies of 2JHH, 3JHH, 1JCH Spin-Spin Coupling Constants" with R. Stenutz, G. Widmalm, and **Anthony S. Serianni**, professor of chemistry, published in the *Journal of Organic Chemistry* 67, no. 3 (2002): 949-958, NDRL: 4315.

W.G. Dwyer, Hank Family Professor of Government and International Studies, published *The A-Complexity of a Space* London Mathematical Society, March.

Denis Goulet, O'Neill Professor in Education for Justice, published "What is a Just Economy in a Globalized World?" in *International Journal for Social Economics* 29, no. 1/2 (2002): 10-25.

Dirk M. Guldi, associate professional specialist in the Radiation Laboratory, coauthored "Energy Transfer Processes in Novel Subphthalocyanine-Fullerene Ensembles" with D. Gonzalez-Rodriguez, T. Torres, J. Rivera, and L. Echegoyen, published in *Organic Letters* 4, no. 3 (2002): 335-338, NDRL: 4332; "Evidence of Pronounced Electronic Coupling in a Directly Bonded Fullerene-Ferrocene Dyad" with F. Hauke, A. Hirsch, S.-G. Liu, L. Echegoyen, A. Swartz, and C. Lui, published in *Chem. Phys. Chem.* 3 (2002): 195-205,

NDRL: 4335; and "Organic Functionalization of Carbon Nanotubes" with V. Georgakilas, K. Kordatos, M. Prato, M. Holzinger, and A. Hirsch, published in the *Journal of the American Chemical Society* 124, no. 5 (2002): 760-761, NDRL: 4345.

Robert E. Haywood, assistant professor of art history at Notre Dame and visiting associate professor of modern and contemporary art at the Mass. Institute of Technology (2001-2002), published "Robert Gober's *Virgin and Drain*" in *Thresholds* 23 (MIT) (Fall): 36-43.

Richard Jensen, professor and chair of Economics, concurrent professor of finance and business economics, and Kellogg fellow, published "Transboundary Air Pollution, Aid, and Political Uncertainty" with P. Chambers in the *Journal of Environmental Economics and Management* (Jan.).

Prashant V. Kamat, professional specialist in the Radiation Laboratory, coauthored "Metal-metal and Metal-semiconductor Composite Nanoclusters" with M. Flumiani and A. Dawson, published in *Colloids and Surfaces A* 202 (2002): 269-279, NDRL: 4275.

J.J. Kolata, professor of physics, coauthored "Measurement of the Cross Section of the $^8\text{Li}(\alpha, \alpha)^6\text{He}$ Reaction of Possible Relevance to Big Bang Nucleosynthesis" with L. Sahin, R.N. Boyd, A.L. Cole, M. Famiano, R.T. Güray, A. St. J. Murphy, N. Özkan, V. Guimarães, and M. Hencheck, published in *Physical Review C* 65 (2002): 038801 (4 pp.); and "Dissociation of ^6He " with J. Wang, A. Galonsky, J.J. Kruse, E. Tryggstad, R.H. White-Stevens, P.D. Zecher, Y. Iwata, K. Ieki, Á. Horváth, F. Deák, Á. Kiss, Z. Seres, J. von Schwarzenberg, R.E. Warner, and H. Schelin, published in *Physical Review C* 65 (2002): 034306 (8 pp.).

Jay A. LaVerne, professional specialist in the Radiation Laboratory, coauthored "Field Effects on Ionic and Excitonic Quenching for Heavy Ions in Liquid Ar" with A. Hitachi, **J.J. Kolata**, professor of physics, and T. Doke, published in *IEEE Transactions on Dielectrics and Electrical Insulation* 9, no. 1 (2002): 45-47; "Radiolysis of Aqueous Solutions with Pulsed Ion Beams. 4. Product Yields for Proton Beams in Solutions of

Thiocyanate and Methyl Viologen/Formate" with N. Chitose, Y. Katsumura, M. Domae, Z. Cai, Y. Muroya, and T. Murakami, published in the *Journal of Physical Chemistry A* 105, no. 20 (2001): 4902-4907, NDRL: 4270; "The g-Radiolysis of Nylons: Molecular Rearrangement and Gas Production" with Z. Chang, published in the *Journal of Physical Chemistry B* 106, no. 2 (2002): 508-514, NDRL: 4288; and "Dynamic Evolution of Gases in the g- and Helium-Ion Radiolyses of Solid Polymers" with Z. Chang, published in the *Journal of Polymer Science B, Polymer Physics* 39 (2001): 1449-1459, NDRL: 4271.

Ted Mandell, associate professional specialist in Film, Television, and Theatre, authored the book and accompanying compact disc *Heart Stoppers and Hail Marys: 100 of the Greatest College Football Finishes (1970-1999)*, published by Diamond Communications, 2001.

Ralph McInerny, professor of philosophy, published a review of Susan Zuccotti's *Under His Very Windows: The Vatican and the Holocaust in Italy* in *The Review of Politics* 64, no. 1 (2002); and "Maritain as Model of the Catholic Scholar" in *Faith, Scholarship, and Culture in the 21st Century*, A. Ramos and M.I. George, eds. (Washington, D.C.: American Maritain Assoc., 2002): 192-201.

Dan Meisel, director of the Radiation Laboratory, coauthored "Size-Dependent Melting of Silica-Encapsulated Gold Nanoparticles" with K. Dick, T. Dhana-sekaran, and Z. Zhang, published in the *Journal of the American Chemical Society* 124, no. 10 (2002): 2312-2317, NDRL: 4341.

Peter R. Moody Jr., professor of government and international studies, published "Tiananmen: The Papers and the Story" in *Review of Politics* 64, no. 1 (2002): 149-165.

Szilvia Papai, assistant professor of finance, published "Strategyproof and Nonbossy Multiple Assignments," *Journal of Public Economic Theory* 3 (2001): 257-271.

Simon M. Pimblott, associate professional specialist in the Radiation Laboratory, coauthored "Positronium Formation Dynamics in Radiolytic Tracks: A Computer Simulation Study"

with A.A. Garcia, H. Schut, A. van Veen, and L. D.A. Siebbeles, published in the *Journal of Physical Chemistry B* 106, no. 5 (2002): 1124-1130, NDRL: 4312.

John E. Renaud, associate professor of aerospace and mechanical engineering, published (with X. Gu, L.M. Ashe, **Stephen M. Batill**, professor of aerospace and mechanical engineering, A.S. Budhiraja, and **Leroy J. Krajewski**, Daley Professor of Manufacturing Strategy in the Dept. of Management, "Decision Based Collaborative Optimization under Uncertainty" in the *ASME Journal of Mechanical Design* 124, no. 1 (Mar.): 1-13.

Slavi C. Sevov, associate professor of chemistry and biochemistry, coauthored "[Ph₂Bi-(Ge₉)-BiPh₂]²⁻: A Delta-hedral Zintl Ion Functionalized by Exo-Bonded Ligands" with A. Ugrinov, published in the *Journal of the American Chemical Society* 124 (2002): 2442-2443.

Daniel T. Simon, professor of accountancy, published "The Demand for Auditor Reputation Across International Markets for Audit Services," coauthored with N. Fargher and M.H. Taylor, in *The International Journal of Accounting* 36, no. 4, 2001.

Paul Schultz, Clark Chair in Finance, published "Do the Individuals Closest to Internet Firms Believe they are Overvalued?" in the *Journal of Financial Economics*, coauthored with M. Zaman, 2001.

Thomas Gordon Smith, professor of architecture, coauthored "New ICA Building Focus of Notre Dame Studio" with P. Doud, published in *The Forum*, (2002).

Lee A. Tavis, Smith Professor of Business Administration, published "Review Article: 'Ethics in Finance'" by J.R. Boatright, in *Business Ethics Quarterly* 11, no. 4 (Oct.): 687-694.

Joel Urbany, associate dean and professor of marketing, published "Justifying Profitable Pricing" in *Product and Brand Management* 10, no.3 (2001): 141-157.

Raimo Väyrynen, professor of government and international studies and senior fellow of the Kroc Institute, published "Preventing Humanitarian Emergencies: Human Security and Strategic

Action and Conclusions" in *The Prevention of Humanitarian Emergencies*, E.W. Nafziger and Raimo Väyrynen, eds. (London and New York: Palgrave, 2002): 132-158 and 269-278.

Thomas S. Vihtelic, research assistant professor of biological sciences, coauthored "Zebrafish Mutagenesis Yields Eye Morphological Mutants with Retinal and Lens Defects" with **David R. Hyde**, professor of biological sciences, published in *Vision Research* 42 (2002): 535-540.

M. Wiescher, Freimann Professor of Physics, coauthored "Nuclear Astrophysics: A New Era" with P. Regan and **Ani Aprahamian**, professor of physics, published in *Physics World* (2002): 33-38.

Appointments

A. James McAdams, chair and Scholl Professor of International Affairs, has been appointed director of the Nanovic Institute for European Studies, beginning in July.

Documentation

University Committee on Women Faculty and Students

January 23, 2002

Members present: Joan Aldous, Charlotte Ames, Jo Ann Della Neva, Lynn Joy, Kathryn Koch, Patricia Maurice, Brooke Norton, Maura Ryan, Teresa Godwin Phelps, Gretchen Reydams-Schils, Renee Trilling, Willow Wetherall

Members absent: Patricia Bellia, Barbara Mangione, Carol Tanner, Ann Tenbrunsel

Guests: Rhonda Brown, director, Office of Institutional Equity; Ava Preacher, assistant dean, College of Arts and Letters

Observers: Mary Hendriksen, reporter
Prof. Aldous called the meeting to order at 2:05 p.m.

1. Minutes of the meeting of November 26, 2001 and December 14, 2001: The minutes of the meetings of November 26, 2001, and December 14, 2001, were approved without amendment.

2. Report from undergraduate student members on the issue of inconsistencies in rules and policies between male and female dorms: At the end of last year's spring semester, Student Government surveyed women undergraduates at the University to ask what issues on campus were of most concern to them. One issue that surfaced was the inconsistencies existing in rules and policies between Notre Dame's male and female dorms. At the November meeting of the University Committee on Women Faculty and Students, members agreed to pursue this issue if it remained a concern to women undergraduates.

Brooke Norton, Student Government president, and Kathryn Koch, chair of the Student Government Gender Issues Division, reported that the issue is a live one for students. It is, they said, a reason some women choose to move off campus. Earlier this year, Student Government drafted a survey to probe the issue further, but the Office of Student

Affairs felt that Institutional Research should conduct any student surveys in this area. Rather than a written survey, that office will hold focus groups in February and March to explore the issue.

Ms. Norton said because more and more women are recognizing that differences exist between the rules and policies of male and female dorms, she plans to include this issue in Student Government's May report to the Board of Trustees. That report, to be made on the 30-year anniversary of the admission of women to undergraduate studies at the University, will focus on the status of all women at the University and make recommendations to the Trustees on various gender issues.

Prof. Ryan asked if the differences existing between the dorms are inconsistencies in policy or enforcement.

Ms. Norton and Ms. Koch responded that, within certain parameters, every dorm can make its own rules—but women's dorms definitely have more rules. The fact that only the women's dorms have security guards, who may individually make value judgments on appropriate behavior between male and female students, increases the differences that already exist between the dorms.

3. Research on differences in compensation between male and female faculty and staff: Rhonda Brown, director of Notre Dame's Office of Institutional Equity, said she will distribute to all committee members copies of the handout her assistant compiled on compensation of the University's male and female faculty and staff. The handout collects in one place pages from the University's *Factbook*.

4. Discussion of the procedure for a new election of officers for the Committee of Women Faculty and Students and of its role at the University: At the committee's meeting of November 26, 2001, Prof. Jo Ann Della Neva, an appointed member of the committee who served as chair in the 2000-01 academic year, volunteered to serve as chair this year. Prof. Joan Aldous, an elected member of the committee, volunteered to be her cochair. They were elected by acclamation.

At today's meeting, Prof. Aldous asked members to nullify the November election and conduct another election for the position of chair. She believes that an appointed member of the committee should not serve as its chair.

Prof. Phelps said before holding the election, it is important to discuss the charge and scope of the University Committee on Women Faculty and Students. She questions how much impact the Committee has had at the University. In addition to the failure of the committee to undertake many initiatives of its own, she is concerned that decisions particularly affecting women—for example, the adoption of a new sexual harassment policy—are made at the University without any consultation of committee members.

Assistant Dean Preacher said that the Committee on Women Faculty and Students has had three incarnations. In its current configuration, with both elected and appointed members, it is an advisory committee within the reporting structure of the Provost's Office.

Prof. Della Neva said the source of the problem with the committee may be that there is little continuity from year to year, particularly in the position of chair. The term of the chair elected in the fall semester expires at the end of the spring semester, leaving no one to maintain the work of the committee during the summer. In contrast, the chair of the Faculty Athletic Board serves a multiple-year term and is given a reduced teaching load.

Prof. Reydam-Schils said she disagreed with Prof. Phelps' assessment of the committee's work. She pointed to the University's junior faculty mentoring program and primary caregiver policy as two examples of the committee's success in changing University practice and policy. She suggested that continuity might be improved by the election every year of a vice-chair, who would then take over the position of chair the following year.

Prof. Aldous asked why any members of the committee must be appointed.

Assistant Dean Preacher replied that, at previous times in the committee's history, all members were elected. In an effort to ensure the committee's institutional position and to provide some

continuity from year to year, the Academic Council voted several years ago to create four slots for appointed members. With the many commitments of faculty members, perhaps the change from an all-elected committee to a mix of appointed and elected members has had the unintended result of making the committee less vigorous. When the committee consisted only of elected members, faculty and students who had issues in which they were intensely interested sought election so that they could work on resolving them.

Then, said Prof. Phelps, perhaps what she perceives as a general inactivity on the part of the committee is a direct result of its structure.

Ms. Norton said she is concerned that women's issues have no institutional home at Notre Dame. There are staff members at the University who are responsible for issues affecting students of color, gay and lesbian students, and other definable groups. Yet, there is not one person at the University responsible for women's issues.

Prof. Phelps said it is the Provost's Office that is charged with overseeing women's issues. That office, though, oversees a great number of areas at the University. Thus, the work and visibility of the committee has been dependent on a somewhat transitory chair.

At this point, Assistant Dean Preacher, who was invited to the meeting to discuss possible interactions between the committee and WATCH, an informal alliance of women faculty members at Notre Dame, described the work of that group. Founded in 2000, WATCH has an initiative underway on disclosure of faculty salaries. Members of WATCH are creating a "Best Practices" guide for its Web site to cover subjects ranging from interviewing at Notre Dame and negotiating a contract, to an explanation of the workings of the tenure process, to childcare options available in the community. WATCH is not an official University group. Thus, it has freedom to define its own scope of action. It is open to all women members of the University's regular faculty, which includes teaching-and-research, research, library, and special professional faculty. While the group is supportive of women students and staff, it is a primarily faculty group.

Prof. Joy said the committee should not attempt to duplicate what WATCH is doing so well and, perhaps, should define its own mission in relation to WATCH. Does WATCH want more than an informal relationship with the Committee on Women Faculty and Students?

Assistant Dean Preacher and Prof. Phelps said they believe it is important for WATCH to maintain its autonomy and freedom, which is possible only if it remains an extra-institutional entity.

Prof. Reydam-Schils said that it may be advantageous if the work of the committee and WATCH do overlap. On some issues, the more voices heard, the better.

In relation to the question of the committee's scope of action, Prof. Ryan read the charge of the committee as provided in the Academic Articles: "[The committee] will consider policies, practices and the general environment at the University as they relate to women faculty and students. The committee will serve in an advisory capacity reporting to the President through the Provost. The committee may make recommendations for action to the President, or as he directs, for action by the other Officers of the University and the Academic Council."

Prof. Phelps said as a first step in increasing its impact at the University, the committee should recommend to the President that he consult with it when policies are formulated or searches made specifically related to or impacting women. That consultation might involve asking the committee as a whole its opinion of a certain proposed action—such as adoption of a new sexual harassment policy on campus—or including a member of the committee on a search committee—if, for example, Student Affairs decided to hire a staff member to deal with women's issues on campus.

Prof. Aldous said a more basic issue for the committee to take up is equality of hiring at the University. There must be an effort to make the hiring of women faculty and administrators a central issue. Notre Dame is a biased, misogynist institution with few women in positions of power. It is not enough for the committee to be "involved" in issues related to women. The more basic issue is how to get more women here.

Assistant Dean Preacher said that over the years, the University Committee on Women Faculty and Students has been good at identifying issues, but, with some exceptions, has not done as well in pushing for their resolution. In 1996, for example, the Faculty/Student Committee on Women (the previous incarnation of the current committee) submitted an excellent report detailing several recommendations to ameliorate the climate for women faculty and students on campus. Yet there was no real follow-through by the President or the committee.

Prof. Reydam-Schils said she believes the committee has been very successful in two important initiatives. When Prof. Barbara Fick of the Law School chaired the committee, in cooperation with the Affirmative Action Committee and the Cultural Diversity Committee, it was instrumental in establishing the mentoring program for junior faculty at Notre Dame. At a later date, the committee also played an important role in bringing about the change in the University's policy on primary caregivers. The key to success is choosing one or two issues and pursuing them to resolution for as long as it takes—which may be a number of years.

Prof. Joy said a full-time, high-level administrator in the Provost's Office dealing only with women's issues would go a long way in bringing women's concerns to the forefront.

Prof. Aldous asked how such a person would fit in with the newly created Office of Institutional Equity.

Ms. Brown said that, now, the primary focus of her office is the faculty. As her work progresses, she will become more involved in student issues. Eventually, she will hire another person in her office. If that person should focus mainly on gender issues, both as they relate to faculty and students, it is important for her to know that as she defines the scope of responsibilities for the position and conducts a search.

Prof. Ryan proposed that a subcommittee conduct a benchmarking study of other institutions and report back on what structures and practices are in place in their Student Activities type and Provost's offices to handle women's issues.

Ms. Ames suggested waiting until the results are in of the survey sent in January to all women faculty and professional staff at the University. The survey asked what issues they consider most problematic at Notre Dame.

Members decided to postpone the election of chair for one more meeting. Prof. Ryan will make and distribute a slate of all eligible candidates, as the chair must be a tenured woman member [Academic Articles, Article IV, Sec. 3(1)]. Profs. Della Neva, Joy, and Reydam-Schils withdrew their names from consideration.

The meeting was adjourned at 3:15 p.m.

University Committee on Libraries

December 13, 2001

The meeting was called to order at 7:30 A.M. by Chairman Harvey Bender. Also in attendance were John Adams, Gail Bederman, Roger Jacobs, David Mengel, Mark Pilkinton, Margaret Porter, Larry Rapagnani, Laurence Taylor, John Weber, Jennifer Younger, guests Eric Morgan, Dan Marmion, and Carole Richter, and Secretary Melodie Eiteljorge.

The minutes of the past three meetings were approved as distributed: September 20, October 11, and November 6.

Younger introduced guests Eric Morgan, head of the Digital Access and Information Architecture Department, Dan Marmion, associate director for Information Systems and Access, and Carole Richter, head of the Electronic Resources Department, who were present to lead discussions on the main agenda topic: accessing library resources and services via the Web.

Richter distributed an announcement that describes the "E-Journal Locator," a new service providing an easy one-stop solution for finding both individual E-Journal titles and article content in aggregator databases subscribed to by the libraries.

Several questions and comments were raised regarding this service:

Q: Does the library track use of electronic journals?

A: The libraries have created a page titled "Vendor Provided Electronic Database Usage Statistics," which is available at <http://www.nd.edu/~electres/stats/>.

Q: Are all electronic journals cataloged?

A: All electronic journal titles to which the libraries subscribe are cataloged in the library catalog and listed in the Electronic Resources Gateway, and in addition, these titles will be listed in the E-Journal Locator. In addition to subscribing directly to e journals, the libraries subscribe to journal content in aggregator databases. Journal titles in aggregator databases are not cataloged in the library catalog, nor do they appear in the Electronic Resources Gateway, thus the value of the new E-Journal Locator.

Q: Is this locator for known item searches only?

A: Yes, although keyword searches can turn up titles, E.g. the word "history" will turn up any title containing that word.

Mengel noted the significance of this new tool for interlibrary loan operations, specifically that this will provide an entree to journal titles to which there is immediate access so that users do not have to request them through interlibrary loan. Bederman suggested that the libraries could add a link to this resource on the interlibrary loan request page so that users could search the locator before processing a request.

Next Eric Morgan provided an overview of the new Digital Access and Information Architecture Department. He has been meeting with librarians and staff members and will undertake next semester a series of focus groups with Notre Dame faculty and students.

He noted several projects use statistics, enhancing document delivery services, and customization features similar to "My Yahoo." In addition, he is redesigning the Web site architecture for scalability, moving toward a database driven site.

There were further questions and comments:

Q: Is there a possibility for the creation of e-bookshelf capabilities for faculty?

A: Web CT provides this capability, though there are limitations on how this works.

Q: How will this new department set priorities for resources and implementation?

A: An important component in setting priorities will be the frequency of responses for any given issue and the fact that resources will come from the libraries for various projects.

There was general agreement that communication about new tools and services is very important, and those in the libraries recognize the need for external help in this area. Weber, in collaboration with the libraries, will explore the possibilities for prospective projects for Notre Dame marketing students.

Bederman suggested than an electronic bulletin board with "What's New" and "Suggestions" might be useful. Taylor noted that users do not necessarily read e-mail announcing new products and that it might be useful to put such announcements on a Web page where users are likely to look when looking for a product.

The last item of business was whether or not to reschedule the February meeting. This was left open, and Younger will contact members at a later date.

There being no further business, the meeting adjourned at 8:30 a.m.

Respectfully submitted,

Melodie Eiteljorge
Secretary

Minutes of the 287th Graduate Council Meeting

November 28, 2001

Members present: Jeffrey Kantor, Anthony Hyder, Mark Roche, Frank Incropera, Jennifer Younger, James Powell, Barbara Turpin, Peter Diffley, Terrence Akai, Blake Leyerle, Umesh

Garg, LeRoy Krajewski, Kathy Psomiades, Peter Burns, Daniel Myers, Paul Weithman, James Turner, John Renaud, Norman Crowe, Mark McCready, David Smith, Gabriela Burgos-Solorzano, Kishori Deshpande, Janice Poorman, Howard Hanson

Members absent: Francis Castellino, Carolyn Woo, Ani Aprahamian, Samuel Paolucci, JoEllen Welsh, Andrew Gould, Diane Wilson

Guests: Lee Svete, Nancy Cook, Vincent Melody

The council voted unanimously to approve the minutes of the last meeting.

Prof. Kantor opened the meeting by introducing the members of the committee he formed which will clarify the respective missions and responsibilities of the Graduate Council and the graduate subcommittee of the Academic Council. The members include Prof. Dan Myers (Sociology), Prof. Umesh Garg (Physics, chair of the graduate subcommittee of the Academic Council), Prof. Patricia Blanchette (Philosophy, member of the graduate subcommittee of the Academic Council), Prof. Jeff Kantor (Chemical Engineering, dean of the Graduate School, and chair of the Graduate Council), and Kishori Deshpande (graduate student in Chemical Engineering and representative to the Graduate Council from the GSU). There are still open spots for one or two more individuals, and Prof. Kantor invited others willing to join to contact Barb Turpin.

Prof. Kantor added that one of the key responsibilities of the Graduate Council is to help him define the future of graduate education at Notre Dame. It should also review proposals for new programs and help develop the agenda for meetings of the Council. The committee should clearly articulate the boundaries between it and the graduate subcommittee of the Academic Council and eliminate overlap of responsibilities. A second key responsibility of the Graduate Council would be in an advisory capacity.

Prof. Roche said that since we are not part of a consortium, one of the responsibilities of the Graduate Council could be to collect as much data as possible on the quality of our programs. Data, he said, would help the council know

where the Graduate School stands. Prof. Kantor agreed with Dean Roche's sentiment and added that the report he distributed to the council at the last meeting was an attempt to provide it with important data. Prof. Kantor concluded by stating that he saw providing data and information to the Graduate Council as a continuing responsibility of the Graduate School.

Prof. Incropera said that it would be helpful to have local and regional comparisons.

National data is actually very accessible for the College of Engineering.

Prof. Diffley stated that we do try to compare ourselves to the programs around us, and that he prefers to collect and compare data at a departmental level rather than at the University level.

Prof. Kantor then introduced Mr. Lee Svete and Ms. Nancy Cook from the Career Center, who gave a presentation on the services available to grad students. Placement, he said, has become an important priority for the Graduate School because our long-term success is tied to how well we can present Notre Dame to prospective students as a compelling professional opportunity. Graduate students come to Notre Dame seeking a professional degree. Our ability to assist them in finding placement opportunities in both academic and nonacademic settings can provide a competitive advantage.

The Career Center gave a presentation to the directors of Graduate Studies approximately two months ago. It was proposed at this meeting that a faculty advisory committee be formed to partner and assist Career Services in better serving graduate students.

In the period 1982 to 1996, Mr. Svete said, Career Services (former name) did little to help place graduate students. It didn't do a good job of reaching out to this group, of working with them on CV and résumé preparation, or on the development of their interviewing skills or portfolios. In addition, there were problems with the dossier service. The vast Notre Dame alumni network was mined only for fund-raising opportunities, not for job prospects. Over the past five years, efforts were made to improve this situation, and within the last

year, great strides have been made both in the way of outreach to students and in programming.

Ms. Cook outlined some of the initiatives recently undertaken. Through the Career Center's partnership with the GSU, an attempt was made, through the use of a survey, to understand graduate student needs. (It revealed, for example, that there is great interest among graduate students in internship opportunities. Another more extensive survey is currently being conducted.) Through the use of e-mail, she said, she is informing students of the services her office can provide them, such as individual career counseling, workshops and presentations (the Career Center provided eight workshops for grad students in the fall semester), career assessment, resumé preparation, and mock interviews. Other services that are now provided to them include a jobs database, a database of fellowship, internship and post-doc opportunities, a more efficient dossier service, and alumni mentoring. (With the help of Mr. Vince Melody and the Alumni Association, the Career Center now has online the names of 100,000 Notre Dame alumni).

With respect to the jobs database, Ms. Cook said that she currently has 60 opportunities available but hopes to have around 500 by summer. Since September, she said, 243 students have utilized the services in some way. Of these 15 percent came from Arts and Letters, 33 percent from Engineering, 33 percent from Science, and 16 percent from the Peace Institute and the School of Architecture.

Mr. Svete added that in the past, companies coming to Notre Dame to recruit our undergraduates were not being encouraged to think about jobs for our grad students. He is now working hard to change that culture.

Prof. Kantor thanked Mr. Svete and Ms. Cook for their presentation and opened up the meeting to a general discussion.

Prof. Turner said that the great majority of students receiving doctoral degrees in the humanities are looking for positions in the academy. When they do not get such a position and begin looking in the private sector, they don't know how to translate the skills they have into a business environment. They don't

know how to sell themselves. About 25 years ago, he said, Harvard began a one-week summer workshop to help graduate students in humanities and social sciences translate those skills.

Mr. Svete said that such a program would be useful here, and that he would benchmark with Harvard on this.

Prof. Akai said that it would be helpful to identify early on graduate students who are not likely to get jobs in the academy so that they have time to prepare themselves for non-academic jobs. He said that internships would be invaluable for such students.

Prof. Roche replied that the annual meetings that departments have to review their graduate students' progress would be good opportunities to identify these students.

The issue of the dossier service was raised. It was in crisis last year and so one department in the College of Arts and Letters decided to do its own dossiers. It would be helpful, if the system is now working well, to return the dossier responsibility to the Career Center because it is costly for the College.

Mr. Svete replied that it is now working very well, and expressed confidence in the reliability of the system. The only problem is when faculty do not get the letters to the office on time.

Prof. Kantor asked what could be done centrally to support the placement efforts in the departments? What can the Graduate School do, he asked, to add value to what departments are doing? Prof. Weithman said he would like subsidies; anything that makes it more affordable for graduate students to apply for jobs, including funds for postage and photocopying, would be appreciated. He said that the dossier service didn't do a bad job but his department pulled out because it wanted a faster turnaround time and the ability to tailor applications and dossiers. In-house placement allows more flexibility. It was successful in their case because financial assistance was provided by the Graduate School and the College.

Prof. Turner added that one of the most effective ways to prepare students for the job market is the mock interview. It would be helpful to have the Graduate School encourage departments to provide mock interviews or it could work

with directors of Graduate Studies to push them in that direction, although this would be difficult to do because it is a departmental responsibility. Prof. Roche asked about best practices. We should find out what departments are currently doing. Best practices ought to be rewarded with the allocation of funds. Departments who aren't performing should not be so rewarded.

Prof. Kantor said that he feels comfortable that we can collect department data and work to put together some best practice guidelines.

Prof. Incropera noted that personal initiative is extremely important. It is really up to the student to exploit the opportunities initiated by the Career Center. Departments and the Graduate School can act as facilitators and guides, but it is really up to the student.

Prof. Akai asked about the different employment practices used with undergrads and grad students.

Mr. Svete said that Raytheon, for example, was very interested in our undergraduate mechanical and electrical engineers. We need to ask companies like this about their opportunities for graduate students.

Prof. Kantor then concluded the meeting with comments on items that he has been working on.

The 21st Century Fund, he said, is an important fund for research that will eventually lead to jobs in Indiana. This fund is an important source of growth in research funding at Notre Dame. The University stands to gain 2-4 million dollars if everything goes well, but the program is currently in jeopardy. The funding has been delayed until at least March.

He next discussed the impact of the events of September 11 on universities. In addition to the impact on student visas, post-docs, and visiting faculty, there is the question of who will be allowed to have access to hazardous materials and facilities. Are we controlling access the way we should? There is some legislation in process but nothing concrete yet. He has asked the University to establish a task force to review the overall impact of September 11 on the University as a whole. He invited advice from the membership of the Council.

Conversations have begun, Prof. Kantor said, on quality of life issues for graduate students, such as the administration of graduate housing and the manner in which the policies of *du Lac* apply to graduate students. Prof. Powell added that health insurance is another issue. All of these efforts, Prof. Kantor said, are being coordinated with Student Affairs.

Finally, Prof. Kantor talked about the two-year strategic planning effort. Fr. Malloy is chairing a coordinating committee, but there are four subcommittees—research challenges and opportunities, curriculum, the future of higher education, and finance and fundraising. Prof. Kantor said that he is chairing the subcommittee on research, and he expects that this committee will eventually provide a report to the Graduate Council.

The meeting adjourned at 5:00 p.m.

Faculty Board on Athletics

January 29, 2002

Members present: Prof. Fernand Dutille (chair); Prof. Matthew Barrett; Prof. Harvey Bender; Prof. William Berry; Prof. John Borkowski; Dr. Matthew Cullinan; Prof. Joseph Guiltinan; Dr. Kate Halischak; Prof. Blake Leyerle; Prof. Layna Mösley; Ms. Laura Patterson; (Rev.) Mark Poorman, C.S.C.; Prof. Clark Power; and Dr. Kevin White.

Members absent: Prof. Kerry Thomas.

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

1. **Call to order and prayer:** The chair called the meeting to order at 4:20 P.m. Fr. Poorman led the group in prayer.

2. **Minutes of previous meeting:** The chair indicated that two changes had been made to the minutes of December 10, 2001, since their distribution through e-mail: 1) a slight elaboration on the student-athlete drug-testing procedure described by Prof. Barrett and 2) a correction with regard to the name of the person reporting on student-athlete exit surveys. Prof. Leyerle moved that

the minutes be approved. Fr. Poorman seconded. The vote for approval was unanimous.

3. **Announcements:** The chair announced that board member Prof. Leyerle was expecting a child in May. On behalf of the Board, the chair offered congratulations and best wishes. A hearty round of applause ensued.

The chair noted that Prof. William Berry had returned from his semester abroad and had resumed his position on the Board. On behalf of the board, the chair welcomed him.

The board passed a unanimous resolution thanking Prof. Jerry Marley for his good and faithful work on the board as Prof. Berry's substitute during the fall 2001 semester.

The chair announced that he had approved a change in the men's and women's current fencing schedule, a change that maintained the schedule within board guidelines. The chair announced that he had also approved an amendment to the men's and women's track schedule for spring 2002; that schedule too remains within Board guidelines. The chair announced approval of both the men's golf schedule and the women's golf schedule for spring 2002.

In mid-December, the chair reported, he had received a letter from an assistant dean. That dean had received reports that, in preparation for the "combines" of the National Football League, some student-athletes planned to be away from campus for up to six weeks during the spring semester. The dean proposed to write to the student-athletes, their professors, and their deans with regard to the serious threat such a long-term absence presented to academic success. The chair immediately consulted with Prof. Leyerle, chair of the board's subcommittee on academic integrity. She in turn consulted with other members of that subcommittee. In light of these consultations, the chair urged the dean to send the proposed letters. The dean promised to do so.

4. **Search for new head football coach:** Dr. Cullinan reported, on behalf of the President's office, that the decision to accept George O'Leary's resignation had been made by Father Malloy in

consultation with Dr. White and with Mr. Patrick McCartan, chair of Notre Dame's Board of Trustees. It was, Dr. Cullinan noted, a startling and difficult moment. To be sure, there had been some second-guessing with regard to the thoroughness of the background checks. Nonetheless, fundamental honesty is presumed in such things. We learned a hard lesson and began the process anew the next morning. The same advisory committee that had been involved in the first search participated in the new one. On December 29, Dr. White spoke with Mr. Tyrone Willingham, then head football coach at Stanford University, who agreed to meet with the advisory committee. On December 31, Mr. Willingham was hired and, on New Year's Day, he was introduced to the public as Notre Dame's twenty-eighth head football coach. Coach Willingham is, Dr. Cullinan continued, outstanding. He understands fully the importance of the academic enterprise. The staff he has assembled is "first-rate."

The chair thanked Dr. Cullinan for this report and asked Dr. White whether he cared to add to the account. Dr. White found it interesting that some members of the media still debate whether Dr. White talked with Coach Willingham during the first search. As a matter of fact, Dr. White stressed, Coach Willingham was the first person interviewed. Indeed, he had been on Dr. White's "radar screen" for five or six years. Dr. White indicated he was thrilled to have Coach Willingham here. All of our constituencies have been pleased at his selection. The student-athletes are especially excited; their enthusiasm for him far exceeds Dr. White's expectations.

At this point, Fr. Poorman moved a resolution to commend and express deep gratitude to Dr. White, Dr. Cullinan, Ms. Barbour, Mr. James Phillips, and Mr. Muir for their tireless efforts, day in and day out, in completing the search. The motion, properly seconded, passed unanimously.

The Board also unanimously passed a resolution warmly welcoming head football coach Tyrone Willingham and his family to Notre Dame.

5. Fifth-year eligibility for football in academic year 2002-03: Head football coach Tyrone Willingham and virtually all of his coaching staff are new to Notre Dame. Accordingly, Coach Willingham, in a conversation with the Board's chair, asked for authorization to await the end of spring practice on April 27 before deciding which senior student-athletes to invite back for a fifth year of play. Ordinarily, coaches endorse the student-athlete's fifth year on the petition presented to the board by the student-athlete. Under board guidelines, that petition, except for spring sports, must be filed with the board no later than March 31. Dr. White explained that Coach Willingham wishes to make a full assessment of potential fifth-year players during spring practice. Student-athletes too would like this arrangement, since it allows them to demonstrate their potential contributions to the team. Coach Willingham has been totally "up-front" with the student-athletes, who have accepted the situation. Mr. Muir added that 11 players fall into this category. In response to a question by Prof. Borkowski, Mr. Muir noted that if all 23 scholarships for entering players were awarded, only eight would remain for current seniors; nonetheless, it is not clear that all 23 will be awarded. Prof. Mosley asked whether all current seniors were on track to graduate. The chair emphasized that he had discussed with Dr. Halischak and Mr. Muir the importance of all seniors remaining on track to graduate so that any not invited to return will receive their degree in May or, at the latest, during the summer. The two seniors who may have to come back for a fifth year will, in any event, be provided any grant-in-aid needed to see them through to graduation. Mr. Muir, responding to Prof. Borkowski's inquiry, stressed that Coach Willingham has been fully informed about our fifth-year requirements. These requirements have been communicated to the players, as well. Prof. Borkowski emphasized the importance of student-athletes seeing the nine-credit requirement for fifth-years as an opportunity rather than as a burden. This remains, Mr. Muir conceded, a difficult subject; the requirement continues to be an issue. The chair informed the board that it would have an opportunity to meet

with Coach Willingham after the intensity of the recruiting season eases. Prof. Barrett: Are we not exploiting these seniors who, after four years of competition, now have to try out for a fifth year? Mr. Muir responded that most likely a great majority of those students will be invited back. Coach Willingham merely wants the opportunity to evaluate all of them for a fifth year, which he agrees is a privilege. Ms. Conboy analogized the situation to that in other sports conducting try-outs that may result in the award of a scholarship. Moreover, Dr. White added, not all of these student-athletes know if they want to return. He would be, he added, the first to hear if student-athletes deemed the situation to be unfair. Prof. Guiltinan stated that he would be more comfortable knowing that Coach Willingham will be looking at attitude as well as ability. That, Dr. White responded, is clearly his orientation. For some of these student-athletes, it may be time to go; with regard to them, we have met our obligation. Prof. Borkowski worried that having the board approve a list in advance of the coach's endorsements might result in much unnecessary work. The chair responded that putting off all applications until after spring practice would begin the procedure too late for appropriate evaluation by the board. Moreover, student-athletes would be facing the application process even as they prepare for and take their examinations. Added Prof. Guiltinan: If we wait too late, faculty members will have gone and courses will have then been fully subscribed. The process will be more thoughtful if done earlier, Prof. Mosley agreed. Dr. Halischak added that Coach Willingham will try to discern as quickly as possible whom to invite back; he may not need to wait until the end of spring practice in all cases. Waiting too late in the semester would also cause the student-athletes to miss their "room picks" in the dormitories. Prof. Power added that Coach Willingham might be impressed, at least in part, by a student-athlete's academic plan or lack thereof. Prof. Barrett voiced his fear that the Faculty Board has created a presumption that student-athletes with a decent program will be granted a fifth year of eligibility. Coaches should make their commitments to fifth-year student-athletes

before the signing date for entering student-athletes; we have an obligation to people already here. Dr. Cullinan responded that such an approach was impossible, at least in football this year. The Board's discussion reflected concern that requiring student-athletes to set out their academic plan in their application without knowing whether they would be invited back for a fifth year might be unfair. Dr. Guiltinan noted, however, that the student-athlete would benefit from knowing as soon as possible whether the academic plan met with the board's approval. Prof. Power moved that, for the current year in football, the deadline for the head coach's commitment to fifth-year candidates be extended to May 1. The motion passed, nine votes to one.

6. Petition for a fifth-year of eligibility: [Following an appropriate motion, a seconding of that motion, and subsequent discussion, the board approved the request of Brian Flatley (men's lacrosse) for a fifth year of eligibility.]

7. More on exit interviews: Mr. Bernard Muir added to the report on student-athlete exit interviews given at the meeting of December 10. Exit interviews and other kinds of surveys provide a helpful tool for enhancing student-athlete support services. Senior staff members of the Department of Athletics have discussed the results with various coaches. One concern raised by student-athletes, the 8:30 to 10:30 P.m. practice-time slots, cannot be fully accommodated due to a lack of facilities. The demands on the Loftus facility, especially during winter months, are enormous. Nonetheless, the problem remains on our "radar screen." Also, with regard to concerns raised about food services, the department has established a better relationship and better results have ensued. Prof. Guiltinan asked whether eating disorders had become a bigger or smaller problem. Ms. Conboy said that eating disorders presented a problem throughout the campus. Fr. Poorman noted that the addition of Ms. Valerie Staples, an assessment counselor in the Counseling Center, has been a tremendous help.

Mr. Muir reported that more is being done with regard to marketing and promoting the various athletic teams. Every team now has a "gold game," which

student-athletes on other teams try to attend. Prof. Bender asked if the survey constituted a work in progress; only six of the 54 questions deal with academics. He would like "more of a feel" for how athletes view academics. Dr. Halischak pointed out that all first-year students complete a survey; a section for student athletes could be included. Although exit interviews for student-athletes occur at other schools as well, Notre Dame's surveys, Ms. Barbour observed, are more sensitive than others she has seen. One useful question, Prof. Mosley suggested, would target the student-athlete's level of intellectual engagement. But why wait until the fourth year to get this information, Prof. Power asked. Ms. Barbour emphasized that the written surveys constituted starting points for the face-to-face interviews with student-athletes. Waiting until the fourth year allows student-athletes to speak freely. Fr. Poorman noted that the Career Center received the "lion's share" of questions. Why? What of Health Services? Counseling? Mr. Muir responded that the attention given to Career Services reflects the extent to which the Department of Athletics deals with that office. Prof. Guiltinan warned against changing the survey instrument too often, since changes make it difficult to track responses over time. Prof. Borkowski stated his view that the vast majority of students at Notre Dame are not engaged in academics; we must do better at instilling in them a love of learning. We must make their experience richer and deeper. Fr. Poorman informed the group that he and Provost Nathan Hatch now cochair a Student Life/Academic Committee. This committee will implicate 30 listening groups on engagement. (Interestingly, some students assert that the faculty is not engaged.) There have been some student-athletes in these groups, but no group specifically comprises student-athletes. The chair suggested that the survey instrument be sent to the board's subcommittee on academic integrity for suggestions.

8. Update on Good Friday issue: Prof. Barrett, chair of the subcommittee on student welfare, distributed a draft proposal entitled "Current Update on Good Friday Issue" (see Attachment). Prof. Barrett, alluding to paragraph 1 of that proposal, emphasized that the board's

discussion should include not only Good Friday, but also the entire Triduum, which begins on Holy Thursday evening and continues through Easter Sunday evening, plus Easter Monday, a day on which Notre Dame cancels classes so that students need not travel back to campus on Easter Sunday. Prof. Mosley asked why the day after Easter, not a religious day, gets included. Ms. Patterson responded that any competition on Monday would implicate travel on Easter Sunday. Alluding to paragraph 2, Prof. Barrett noted the need to include traveling, not just practice and play, since traveling also precludes students from worship. Paragraph 3 would allow practice, travel, and competition during the Triduum and on Easter Monday for NCAA championships. Over such scheduling, Notre Dame has little control. Among our athletics goals is the Sears Cup, attainable only if we compete nationally. Paragraph 4 would allow competition, plus related travel and practice, with regard to conference schedules and tournaments until Notre Dame and other members of the Big East Conference can mutually discuss appropriate restrictions during this time period and other religious holidays. In that regard, the student-welfare subcommittee proposes that Notre Dame host a conference for athletics and academic representatives of the various members of the Big East Conference and other interested parties to discuss issues relating to travel, practice, and play during religious holidays. Prof. Barrett underlined Notre Dame's greater leverage within the conference: After all, we share a religious affiliation with seven of the 14 schools. Paragraph 5 would stipulate that Notre Dame should not schedule non-conference, regular-season competition during the Triduum or on Easter Monday. Virtually no other University-sponsored events take place during the Easter weekend. This forbearance should apply to student-athletes as well as to other students. In response to Prof. Borkowski's question, Dr. White responded that to date we have not attempted to influence either the Big East Conference or the NCAA concerning these matters. With regard to scheduling, the chair pointed out the fact that Easter is a movable feast creates many

of the problems. Many athletics events get slated for the same facilities over the same weekend year in and year out. Dr. Halischak asked why the phrase "whenever possible" modifies this paragraph. Prof. Barrett responded that some "wiggle room" seemed needed for special circumstances presented by a sport like golf. There may need to be a "trade off"; in order to enforce the appropriate policy regarding the Triduum, we may need to give golf, for example, more leeway with regard to class-miss days. Dr. White asked whether there has been any conversation with coaches. Prof. Barrett said such a conversation took place last year. The board sent mixed signals with regard to the issue. We need to work to develop some consensus. He emphasized that the Board has approved waivers of our current rule and that, in any event, none of the proposed rules could apply this academic year.

9. Reports of subcommittees: Prof. Power, reporting for the subcommittee on student welfare, informed the board of his attempts to have a conversation with all undergraduate advisors. Prof. Leyerle indicated that it would be helpful for faculty members to understand practice schedules. Many faculty members restrict their office hours to the late afternoon. In light of practice schedules, such restrictions make consultation with such faculty members impossible, or at least very difficult, for many student-athletes.

10. New business: The chair reminded the board that the events of September 11 have made traveling for our athletics teams much more difficult and unpredictable. Airline passengers must arrive at terminals considerably earlier than had been the case. Moreover, airlines have reduced the number of available flights. The chair has received, and anticipates receiving more, requests for amendments to team travel schedules. Such proposed amendments will in some cases take the schedule out of board guidelines with regard to allowable class misses. Should each of these requests be brought to the board or should the chair use his discretion in deciding them? Prof. Guiltinan moved that the chair decide such requests during this academic year. Prof. Leyerle seconded the motion. Prof. Barrett's

suggestion that such changes be announced at board meetings so as to incorporate them in the record became part of the motion. The vote unanimously favored the motion.

11. **Adjournment:** The chair adjourned the meeting at 6:15 p.m.

ATTACHMENT A
CURRENT UPDATE ON
GOOD FRIDAY ISSUE

Subcommittee on Student Welfare

January 29, 2002

Our current rules:

Good Friday: 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.

Easter Sunday: Competition at away sites is permitted after noon.

The subcommittee on student welfare's tentative conclusions, upon which we would like to solicit the entire board's comments:

1. Our discussion should include not only Good Friday, but the entire Triduum, which begins on Holy Thursday evening and continues until Easter Sunday evening, plus Easter Monday, a day on which Notre Dame cancels classes so that students need not travel back to campus on Easter Sunday. Notre Dame, however, may want to establish different guidelines for certain days or times within this period.

2. Our guidelines should address not only competition and practice, as they currently do, but also travel related to competition.

3. In the case of NCAA championships, the scheduling of which Notre Dame has little, if any, influence, the University should continue to permit competition during the Triduum and Easter Monday, plus any necessary travel and practice, provided that any athletic commitments allow student-athletes, coaches, support staff, and administrators the reasonable opportunity to worship and to participate in prayer during the Triduum.

4. With regard to conference schedules and tournaments, Notre Dame should continue to allow competition, plus any related travel and practice, until Notre Dame and the other members of the Big East Conference can mutually discuss the appropriate restrictions, if any, on intercollegiate athletic competition, including related travel and practice, during the Triduum and major religious holidays. In that regard, the student welfare subcommittee offers the following draft resolution for the Board's consideration and comment:

Resolved: The Faculty Board of Athletics recommends that the University of Notre Dame host a conference for athletic and academic representatives of the various members of the Big East Conference and any other interested parties to discuss the appropriate restrictions, if any, on intercollegiate athletic competition, including related travel and practice, during major religious holidays.

5. Whenever possible, Notre Dame should not schedule non-conference, regular season competition during the Triduum or on Easter Monday. As a starting point for future discussions with coaches and student-athletes in an effort to build consensus, the subcommittee on student welfare offers the following draft language as a possible replacement for our current rules regarding Good Friday and Easter Sunday:

Triduum and Easter Monday: In the Catholic tradition, the Triduum—the period from Holy Thursday evening until Easter Sunday evening—stands as one continuous celebration that marks the "high holy days" of the Church's year. The University cancels classes on Good Friday and Easter Monday to allow students, faculty, staff and administrators the opportunity to participate in the prayer of the Church during this period, often with their families, and then to allow students to return to campus on Easter Monday. During the Triduum, other student organizations infrequently participate only in regional or national conferences held elsewhere and whose scheduling falls beyond the University's control. Whenever possible, no non-conference, regular season competition should occur during

the Triduum or on Easter Monday. Where conference schedules or tournaments or NCAA championships require competition during this period, a chaplain shall accompany the team and the following guidelines apply:

Good Friday: No competition is permitted at home. Travel to, or practice for, competition during the Triduum may occur after 4:00 p.m.

Easter Sunday: No competition is permitted at home. Travel to, or practice for, competition on Easter Monday may occur after 1:00 p.m.

Departmental Awards Received and Proposals Submitted

In the period from February 1 to February 28, 2002

<u>Category</u>	<u>AWARDS RECEIVED</u>		<u>PROPOSALS SUBMITTED</u>	
	<u>No.</u>	<u>Amount</u>	<u>No.</u>	<u>Amount</u>
Research	24	\$ 2,321,072	57	\$ 23,645,461
Facilities and Equipment	0	\$ -	0	\$ -
Instructional Programs	0	\$ -	0	\$ -
Other Programs	0	\$ -	0	\$ -
Service Programs	0	\$ -	0	\$ -
Total	24	\$ 2,321,072	57	\$ 23,645,461

FISCAL YEAR-TO-DATE CUMULATIVE

<u>Category</u>	<u>AWARDS RECEIVED</u>		<u>PROPOSALS SUBMITTED</u>	
	<u>No.</u>	<u>Amount</u>	<u>No.</u>	<u>Amount</u>
Research	253	\$ 31,556,630	480	\$ 169,787,749
Facilities and Equipment	0	\$ -	0	\$ -
Instructional Programs	8	\$ 1,159,905	7	\$ 4,663,018
Other Programs	1	\$ 24,497	0	\$ -
Service Programs	0	\$ -	0	\$ -
Total	262	\$ 32,741,032	487	\$ 174,450,767

*The figures attributed to Centers/Institutes in these reports are also included in the general reports for all awards and proposals. However, they are listed under the department of the Principal Investigator rather than the center, institute, lab, or significant University program.

Research

Awards Received

February 1, 2002, through February 28, 2002

Awards for Research

Biological Sciences

Suckow, Mark Allen (Center or Institute)

IIMR Assignment Agreement

Indiana Institute for Medical Research

\$12,000 12 months

Tenniswood, Martin

Apoptosis and Tumor Progression Following Anti-Androgen
Therapy for Prostate Cancer

Department of Army

\$557,493 37 months

Chemical Engineering

Chang, Hsueh-Chia; Veretennikov, Igor N.; Takhistov, Pavlo V.; Ostafin, Agnes E.

Microcirculation Anomalies in Microgravity Blood Flow

National Aeronautics and Space Administration

\$86,700 45 months

Leighton, David T.

Binary Oscillatory Cross-flow Electrophoresis

Millipore Corporation

\$10,000 12 months

Leighton, David T.

Binary Oscillatory Crossflow Electrophoresis

PDA Foundation for Pharmaceutical Sciences, Inc.

\$10,000 12 months

McCready, Mark J.

Fundamental Studies on Two-Phase Gas-Liquid Flows
Through Packed-Beds in Microgravity

National Aeronautics and Space Administration

\$34,999 46 months

Palmer, Andre F.

Engineering Artificial Cells

National Science Foundation

\$74,886 21 months

Varma, Arvind (Center or Institute)

Mechanistic Studies in Combustion Synthesis of Materials

National Aeronautics and Space Administration

\$62,500 48 months

Chemistry and Biochemistry

Jacobs, Dennis C.

MURI Center for Materials Chemistry in the Space
Environment

University of Chicago

\$150,185 19 months

Lieberman, Marya

Career: From Surface to Solution

National Science Foundation

\$72,000 48 months

Ploplis, Victoria A.

Pathological Consequences of the Plasminogen System

National Institutes of Health

\$253,734 24 months

Rosen, Elliot D.

Coagulation Initiation In FVII Deficient Mice

National Institutes of Health

\$260,239 24 months

Taylor, Richard Edmund

Myriaporones: Synthetic and Biological Studies

National Institutes of Health

\$177,803 24 months

Civil Engineering and Geological Sciences

Silliman, Stephen E.

Air Entry Barriers: Mechanism for Creating High
Permeability Pathways Above the Water Table

National Science Foundation

\$50,120 24 months

Electrical Engineering

Costello, Daniel J.

Error Control Coding Techniques for Space and Satellite
Communications

National Aeronautics and Space Administration

\$65,000 24 months

Hall, Douglas C.

Native-Oxide-Based Optical Waveguides in Compound
Semiconductor Heterostructures

Vega Wave Systems, Inc.

\$48,276 18 months

Bernstein, Gary H.; Orlov, Alexei; Snider, Gregory L. (Center or Institute)

Background-charge-insensitive Single-electron Memories

Research Foundation of SUNY

\$66,478 29 months

Physics

Shephard, William D.; Cason, Neal M.; LoSecco, John M.
 Equipment for Brookhaven Experiment 852
 Brookhaven National Laboratory
 \$7,481 149 months

Chang, Hsueh-Chia; Glazier, James A.
 Effects of Local Interfacial and Flow Dynamics on Foam
 Drainage and Coarsening
 National Science Foundation
 \$119,989 24 months

Psychology

Borkowski, John G.
 Predicting and Preventing Neglect in Teen Mothers
 National Institutes of Health
 \$81,950 52 months

Radiation Laboratory

LaVerne, Jay A. (Center or Institute)
 Radiation Chemistry and Microdosimetry in Plutonium
 Storage Environments
 Los Alamos National Laboratory
 \$50,239 34 months

Sociology

Yamane, David A.
 Religion in the Statehouses: Negotiating Prophetic Demands
 and Political Realities
 University of Virginia
 \$35,000 12 months

Theology

Aune, David E.
 Text and Commentary on the Testament of Solomon
 W.F. Albright Institute of Archaeological Research
 \$30,000 12 months

Ulrich, Eugene Charles; VanderKam, James Claire
 The Publication of Four Volumes of Dead Sea Scrolls
 Oxford Centre Hebrew Studies
 \$4,000 24 months

Proposals Submitted

February 1, 2002, through February 28, 2002

Proposals for Research**Aerospace and Mechanical Engineering**

Mason, James J.; Ovaert, Timothy C.; Roeder, Ryan K.
 Curing of Biopolymers in Emerging Orthopedic Procedures
 National Institutes of Health
 \$310,860 12 months

Ovaert, Timothy C.
 Chemical-Mechanical Investigation of Lubricated Wear of
 UHMWPE
 National Institutes of Health
 \$259,875 12 months

Renaud, John E.
 Managing Uncertainty in Bilevel Robust Design Optimization
 - REU Supplement
 National Science Foundation
 \$12,000 36 months

Schmid, Steven R.; Maginn, Edward J.; Ovaert, Timothy C.
 Development of Polymers for Minimally Invasive
 Orthopedic Implants
 National Science Foundation
 \$387,098 36 months

Skaar, Steven B.
 Autonomous Robotic Bag Stacking System
 Smurfit-Stone
 \$8,940 3 months

Stanisic, Michael M.
 Development of a Hybrid Parallel/Serial Mechanism as a
 Humanoid Shoulder Complex
 National Science Foundation
 \$467,484 36 months

Anthropology

Sheridan, Susan G.
 2002 Professors Program
 H. Hughes Medical Institute
 \$1,000,000 48 months

Biological Sciences

Adams, John H.; Boggess, William C.
Sensitive Proteomic Methods to Study Malarial Proteins
National Institutes of Health
\$183,823 12 months

Boyd, Sunny K.
Amphibian Diversity in Gogebic County, MI
U.S. Forest Service
\$3,122 10 months

Bridgham, Scott D.
Sources of Complexity in Peatland Biogeochemical Cycles:
Theoretical Analyses and Experimental Tests
University of Minnesota
\$1,161,116 60 months

Duman, John G.
Collaborative Research: Studies of Antifreeze Proteins in
Arctic and Nearctic Insects
National Science Foundation
\$12,390 12 months

Severson, David W.
The *Aedes aegypti* Genome Project
National Institutes of Health
\$1,176,013 12 months

Tank, Jennifer L.; Kemp, Melody J.
Incubation Activities: Integrating Nitrogen Cycling, Microbial
Ecology, and Landscape Ecology of a Large River
Floodplain
University of Illinois at Springfield
\$25,635 12 months

Vaughan, Kevin T.
Molecular Basis of Motor-Cargo Interactions
National Institutes of Health
\$309,875 12 months

Chemical Engineering

Ostafin, Agnes E.
Nano-sphere Biophotonics
National Science Foundation
\$296,892 36 months

Palmer, Andre F.
Engineering an Artificial Blood Substitute
National Institutes of Health
\$148,500 12 months

Varma, Arvind
Kinetics of Rapid High-Temperature Reactions in Gasless
Systems: Non Isothermal Conditions
Civilian Research and Development Foundation
\$6,000 24 months

Chemistry and Biochemistry

Baker, Brian M.
A Comparative Study of Ligand Recognition by the T Cell
Receptor: Towards Effective Exploitation
of Tumor-Associated Antigens
Leukemia Research Foundation
\$75,000 12 months

Castellino, Francis J.; Gutierrez, Linda S.
Structure-Function Studies on Plasminogen and Plasmin
National Institutes of Health
\$119,097 12 months

**Helquist, Paul; Boggess, William C.; Goodson, Holly V.;
Welsh, JoEllen J.; Wiest, Olaf G.**
Histone Deacetylase Inhibitors and New Therapies for
Aberrant Gene Expression
CircaGen Pharmaceutical, LLC
\$1,158,690 24 months

Ploplis, Victoria A.
Pathological Consequences of the Plasminogen System
National Institutes of Health
\$297,000 12 months

Scheidt, W.R.
X-Ray and Chemical Studies of Metalloporphyrins
National Institutes of Health
\$331,884 12 months

Smith, Bradley D.
Indiana Center of Excellence for Chemical Library Analysis
and Development
Purdue University
\$339,000 12 months

Smith, Bradley D.
Rationally Designed Promoters and Inhibitors of Membrane
Fusion
National Institutes of Health
\$167,389 12 months

Civil Engineering and Geological Sciences

Fein, Jeremy B.; Maurice, Patricia A.; Burns, Peter C.
Environmental Molecular Science Institute: Actinides and
Heavy Metals in the Environment

National Science Foundation
\$6,655,597 60 months

Kareem, Ahsan

Full-Scale Study of Behavior of Tall Buildings Under Winds
National Science Foundation

\$12,250 12 months

Kurama, Yahya C.

Career: Seismic Behavior and Design of Non-Emulative
Precast Concrete Buildings with Supplemental Passive
Energy Dissipation

National Science Foundation
\$10,000 12 months

Maurice, Patricia A.

Coupled Hydrobiogeochemical Processes in the Antarctic Dry
Valleys

National Science Foundation
\$1,299,464 60 months

Maurice, Patricia A.; Bunker, Bruce A.; Fein, Jeremy B.
Controls on Molecular-Scale Microbial Responses to Metals:
Interactions of Bacterium Metals, and Environmental
Nanoparticles

Department of Energy
\$472,892 36 months

Neal, Clive R.

Evolution of the Hawaiian Plume: Roles of Primitive Mantle,
Core, and Subducted Oceanic Crust

National Science Foundation
\$173,667 24 months

Talley, Jeffrey W.

Thermal Programmed Desorption Mass Spectrometry of
Persistent Organic Contaminants

Stanford University
\$200,000 26 months

Computer Science and Engineering**Chen, Danny Z.**

Autonomous Network Systems
Lockheed Martin Corporation

\$50,000 12 months

Chen, Danny Z.; Hu, Xiaobo

ITR: New Geometric Algorithms and Software for Radiation
Treatment Planning Problems

National Science Foundation
\$499,950 36 months

Madey, Gregory R.; Tynan, Renee O.; Freeh, Vincent W.

Understanding Open Source Software Development

National Science Foundation
\$310,532 36 months

Madey, Gregory R.

ITR/AP/(DEB/) Stochastic Synthesis: Simulating the
Environmental Transformations of Natural Organic Matter

National Science Foundation
\$12,000 3 months

Electrical Engineering**Bernstein, Gary H.**

Quantum Dot Circuits

University of Connecticut
\$30,000 48 months

Collins, Oliver M.

ITR: A Better Approach to Sigma Delta Modulation

National Science Foundation
\$453,986 48 months

Hall, Douglas C.

Native-Oxide-Based Optical Waveguides in Compound
Semiconductor Heterostructures

Vega Wave Systems, Inc.
\$48,276 12 months

**Lent, Craig S.; Fehlner, Thomas P.; Lieberman, Marya;
Kandel, S.A.; Snider, Gregory L.**

Field-Effect Switching of Molecular Charge Configuration for
QCA

Department of Energy
\$2,172,067 36 months

Porod, Wolfgang; Bernstein, Gary H.

Nano-Second Dynamics in Interacting Magnetic Nano-Arrays
Department of Energy

\$896,908 36 months

English**Fox, Christopher**

Anglo-Irish Identities: 1600-1800

National Endowment for the Humanities
\$107,694 12 months

Film, Television, and Theatre**Crafton, Donald**

Sound Tracks: How Sound Changed the Movies and America
National Endowment for the Humanities
\$30,000 10 months

Government and International Studies**Kommers, Donald P.**

American Constitutionalism in Comparative Perspective
National Endowment for the Humanities
\$106,032 12 months

Lopez, George A.; Orozco-Abad, Ivan

Transition to Peace in Columbia: Between Justice and
Reconciliation
U.S. Institute of Peace
\$44,830 14 months

Physics**Bennett, David P.**

Confirmation of Black Hole, Planetary, and Binary
Microlensing Events
Space Telescope Science Institute
\$17,927 12 months

Bennett, David P.

Gravitational Microlensing in the NGC 3314A-B Galaxy Pair
Space Telescope Science Institute
\$194,101 12 months

Bennett, David P.

Possible Resolution of Gravitationally Lensed Images Due to
an Intermediate Black Hole in the Galactic Disk
Space Telescope Science Institute
\$18,464 12 months

Furdyna, Jacek K.

Understanding Ferromagnetism in Semiconductor
Nanostructured Materials
University of Cincinnati
\$149,884 36 months

Garg, Umesh; Ruchti, Randal C.

REU Site: Physics REU Program at the University of Notre
Dame
National Science Foundation
\$76,000 12 months

Garnavich, Peter M.; Holland, Stephen

The Origin of Gamma-Ray Bursts
Space Telescope Science Institute
\$46,650 12 months

Garnavich, Peter M.

SBS 1150 + 599: A Population III Planetary Nebula?
Space Telescope Science Institute
\$43,560 12 months

Janko, Boldizsar; Dobrowolska-Furdyna, Malgorzata; Furdyna, Jacek K.

Spin Polarized Quantum Nanostructures in Diluted Magnetic
Semiconductors
Department of Energy
\$627,080 36 months

Ruchti, Randal C.

USCMS Project Office Subsystem
Northeastern University
\$60,996 12 months

Ruchti, Randal C.

QuarkNet Modeling Workshop
Arizona State University
\$200,000 24 months

Psychology**Bergeman, Cindy S.; Buttigieg, Joseph A.**

Teachers as Scholars Program
U.S. Institute of Peace
\$42,866 24 months

Boker, Steven M.

Dynamic Postural Equilibrium
National Institutes of Health
\$84,105 12 months

Centers and Institutes

Awards Received and Proposals Submitted

In the period from February 1 to February 28, 2002

	AWARDS RECEIVED		PROPOSALS SUBMITTED	
	No.	Amount	No.	Amount
Alliance for Catholic Education	0	\$ -	0	\$ -
Center for Astrophysics	0	\$ -	4	\$ 274,052
Center for Environmental Science and Technology	0	\$ -	0	\$ -
Center for Flow Physics and Control	0	\$ -	0	\$ -
Center for Molecularly Engineered Materials	1	\$ 62,500	2	\$ 302,892
Center for Orphan Drug Development	0	\$ -	0	\$ -
Center for Transgene Research	0	\$ -	2	\$ 416,097
Center for Tropical Disease Research and Training	0	\$ -	2	\$ 1,359,836
Environmental Research Center	1	\$ -	1	\$ 3,122
Freimann Life Science Center	0	\$ 12,000	0	\$ -
Higgins Labor Research Center	0	\$ -	0	\$ -
Institute for Educational Initiatives	0	\$ -	0	\$ -
Institute for Latino Studies	0	\$ -	0	\$ -
John A. Kaneb Center for Teaching and Learning	0	\$ -	0	\$ -
Kellogg Institute for International Studies	0	\$ -	0	\$ -
Keough Institute for Irish Studies	0	\$ -	1	\$ 107,694
Laboratory for Image and Signal Analysis	0	\$ -	0	\$ -
Lobund Laboratory	0	\$ -	0	\$ -
Mendelson Center for Sport, Character, and Culture	0	\$ -	0	\$ -
Nano Science and Technology Center	1	\$ 66,478	3	\$ -
Radiation Laboratory	1	\$ 50,239	0	\$ 3,117,251
South Bend Center for Medical Education	0	\$ -	0	\$ -
TRIO Programs	0	\$ -	0	\$ -
Walther Cancer Institute	0	\$ -	0	\$ -
Total	4	\$ 191,217	15	\$ 5,580,944

FISCAL YEAR-TO-DATE CUMULATIVE

	AWARDS RECEIVED		PROPOSALS SUBMITTED	
	No.	Amount	No.	Amount
Alliance for Catholic Education	4	\$ 268,583	1	\$ 55,000
Center for Astrophysics	3	\$ 31,980	6	\$ 859,447
Center for Environmental Science and Technology	1	\$ 20,000	4	\$ 1,195,115
Center for Flow Physics and Control	10	\$ 499,690	9	\$ 16,410,238
Center for Molecularly Engineered Materials	2	\$ 90,000	8	\$ 3,548,225
Center for Orphan Drug Development	1	\$ 20,000	0	\$ -
Center for Transgene Research	3	\$ 940,875	5	\$ 1,174,862
Center for Tropical Disease Research and Training	4	\$ 531,308	4	\$ 1,437,355
Environmental Research Center	1	\$ 41,500	1	\$ 3,122
Freimann Life Science Center	3	\$ 28,500	6	\$ 666,912
Higgins Labor Research Center	1	\$ 98,911	0	\$ -
Institute for Educational Initiatives	1	\$ 3,083	2	\$ -
Institute for Latino Studies	4	\$ 2,204,913	0	\$ 299,512
John A. Kaneb Center for Teaching and Learning	1	\$ 46,100	0	\$ -
Kellogg Institute for International Studies	6	\$ 1,215,780	2	\$ 279,706
Keough Institute for Irish Studies	1	\$ 39,000	1	\$ 107,694
Laboratory for Image and Signal Analysis	0	\$ -	1	\$ 163,101
Lobund Laboratory	1	\$ 72,128	1	\$ 75,000
Mendelson Center for Sport, Character, and Culture	1	\$ 18,446	1	\$ 610,219
Nano Science and Technology Center	8	\$ 674,657	12	\$ 7,820,550
Radiation Laboratory	4	\$ 3,981,854	2	\$ 646,342
Robinson Learning Center	0	\$ -	1	\$ 157,275
South Bend Center for Medical Education	2	\$ 66,688	5	\$ 1,212,350
TRIO Programs	6	\$ 992,222	2	\$ 2,176,807
Walther Cancer Institute	0	\$ -	4	\$ 1,613,675
Total	68	\$ 11,886,218	78	\$ 40,512,507

All awards and proposals are credited in the Monthly Summaries report to the academic department of the primary principal investigator. The Office of Research proposal routing form asks principal investigators to indicate at the time the proposal is submitted which unit will be responsible for the conduct of the project. If that unit is a center or institute, the proposal/award is included in the Centers/Institutes report, which is a subset of the Monthly Summaries report.

The Office of Research is doing what it can to ensure all units receive credit for the proposals/awards they submit and receive. However, it depends on the PI to properly identify responsibility for the project at the time the proposal is submitted. Please notify the Office of Research at "research2@nd.edu" or 1-4670 if you are aware of any proposals or awards that have not been properly credited to a center or institute.

Awards Received

February 1, 2002, through February 28, 2002

Awards for Research

Center for Molecularly Engineered Materials

Varma, Arvind

Mechanistic Studies in Combustion Synthesis of Materials
National Aeronautics and Space Administration

\$62,500 48 months

Freimann Life Science Center

Suckow, Mark Allen

IIMR Assignment Agreement

Indiana Institute for Medical Research

\$12,000 12 months

Nano Science and Technology Center

Bernstein, Gary H.; Orlov, Alexei; Snider, Gregory L.

Background-charge-insensitive Single-electron Memories

Research Foundation of SUNY

\$66,478 29 months

Radiation Laboratory

LaVerne, Jay A.

Radiation Chemistry and Microdosimetry in Plutonium
Storage Environments

Los Alamos National Laboratory

\$50,239 34 months

Proposals Submitted

February 1, 2002, through February 28, 2002

Proposals for Research

Center for Astrophysics

Bennett, David P.

Gravitational Microlensing in the NGC 3314A-B Galaxy Pair

Space Telescope Science Institute

\$194,101 12 months

Bennett, David P.

Possible Resolution of Gravitationally Lensed Images Due to
an Intermediate Black Hole in the Galactic Disk

Space Telescope Science Institute

\$18,464 12 months

Bennett, David P.

Confirmation of Black Hole, Planetary, and Binary
Microlensing Events

Space Telescope Science Institute

\$17,927 12 months

Garnavich, Peter M.

SBS 1150 + 599: A Population III Planetary Nebula?

Space Telescope Science Institute

\$43,560 12 months

Center for Molecularly Engineered Materials

Ostafin, Agnes E.

Nano-sphere Biophotonics

National Science Foundation

\$296,892 36 months

Varma, Arvind

Kinetics of Rapid High-Temperature Reactions in Gasless
Systems: Non Isothermal Conditions

Civilian Research and Development Foundation

\$6,000 24 months

Center for Transgene Research

Ploplis, Victoria A.

Pathological Consequences of the Plasminogen System

National Institutes of Health

\$297,000 12 months

Castellino, Francis J.; Gutierrez, Linda S.

Structure-Function Studies on Plasminogen and Plasmin

National Institutes of Health

\$119,097 12 months

Center for Tropical Disease Research and Training

Severson, David W.

The Aedes aegypti Genome Project

National Institutes of Health

\$1,176,013 12 months

Adams, John H.; Boggess, William C.

Sensitive Proteomic Methods to Study Malarial Proteins

National Institutes of Health

\$183,823 12 months

Environmental Research Center**Boyd, Sunny K.**

Amphibian Diversity in Gogebic County, MI

U.S. Forest Service

\$3,122

10 months

Keough Institute for Irish Studies**Fox, Charistopher**

Anglo-Irish Identities: 1600-1800

National Endowment for the Humanities

\$107,694

12 months

Nano Science and Technology Center**Hall, Douglas C.**

Native-Oxide-Based Optical Waveguides in Compound

Semiconductor

Heterostructures

Vega Wave Systems, Inc.

\$48,276

12 months

Porod, Wolfgang; Bernstein, Gary H.

Nano-Second Dynamics in Interacting Magnetic Nano-Arrays

Department of Energy

\$896,908

36 months

Lent, Craig S.; Fehlner, Thomas P.; Lieberman, Marya;**Kandel, S.A.; Snider, Gregory L.**

Field-Effect Switching of Molecular Charge Configuration for

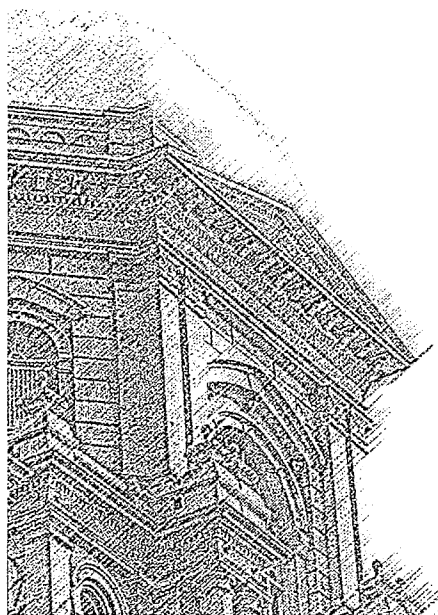
QCA

Department of Energy

\$2,172,067

36 months

Notre Dame Report



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