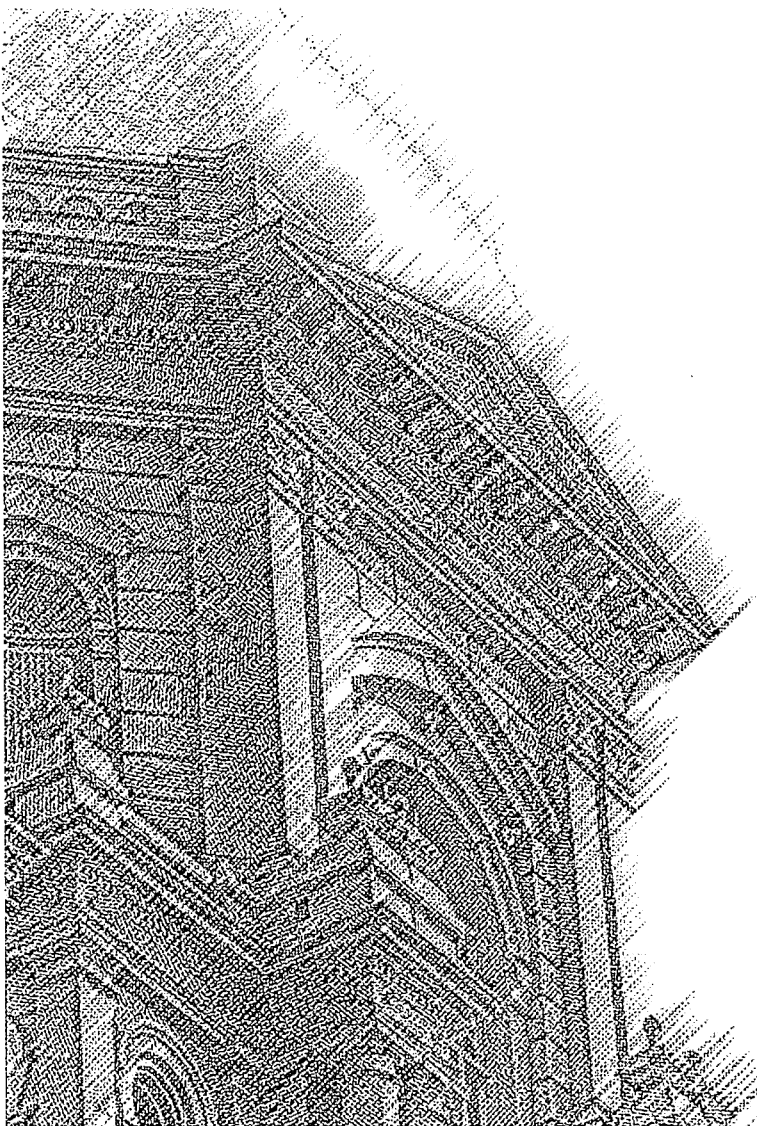


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N U M B E R 1 1

The University

New Advisory Council Members Named

New members of 11 of the University's advisory councils have been named:

School of Architecture:

Timothy Panzica
L. Francis Rooney III

College of Arts and Letters:

Robert L. Berner Jr.
David F. Seng
Jeffrey J. Speaks

Mendoza College of Business:

Ellen Carnahan
Perry N. Dellelce
Roxanne M. Martino;
James G. O'Connor
V. Paul Rainey

Institute for Church Life:

Robert J. and Adelyn D.
Leander

College of Engineering:

Dennis O. Doughty
Conrad D. James
Cheryl A. Masud
Suzanne M. Provanzana

Graduate Studies and Research:

Islamshah Amlani
Samuel J. Lanzafame
Kerry Ann Rockquemore

Ireland:

John R. Madden

Law School:

Franklin E. Eck Jr.
Harry J. Fath Jr.
Thomas D. Yannucci

University Libraries:

Patrick W. Kenny
Mark T. Mahaffey

College of Science:

Monica Y. Allen
David M. Asmuth
Margaret Anne Coffman
Adrian Cooper

Snite Museum of Art:

John L. Snider
Kelly K. Watson

Department Name Changed to Political Science

The name of the Department of Government and International Studies has been changed to Political Science,

effective at the beginning of the 2002-2003 academic year. The change, adopted by the University's Academic Council at the recommendation of the political science faculty, was made to conform with the most widely accepted name for its field of study and to more accurately reflect the subject matter.

Mendelson Center Acts as Consultant to NCAA

The Mendelson Center for Sport, Character and Culture is currently serving as the NCAA consultant facilitating conversations among the Wisconsin Intercollegiate Athletic Conference (WIAC) to improve the context for intercollegiate sport. All nine WIAC member institutions are participating, first by completing surveys to determine current attitudes about sports behavior, followed by "Campus Conversations" conducted primarily by the Center's director, David Light Shields, involving primary stakeholders, including student-athletes, coaches, administrators, faculty members, and college officials.

Institute for Coaching Education Focus Group Founded

The Mendelson Center for Sport, Character and Culture founded the Institute for Coaching Education Focus Group upon receiving a National Science Foundation Grant designed to create opportunities for in-depth discussions with 15 local high-school coaches. The two major goals of the group are:

- (1) To better understand coaches' current efforts to promote character development through sport; and
- (2) To offer coaches theoretically grounded, empirically tested strategies to encourage character development in student-athletes.

Faculty Notes

Honors

Ahsan Kareem, Moran Professor of civil engineering and chair, Dept. of Civil Engineering and Geological Sciences, was named vice chair of the Engineering Mechanics Division of the American Society of Civil Engineers. This division is responsible for technical activities in applied mechanics and other basic branches of knowledge forming the background and foundation of the civil engineering profession.

Al Neiman, professional specialist in the Dept. of Philosophy and fellow in the Institute for Educational Initiatives, was appointed to a three-year term on the Review Board of *Educational Theory*, a journal of The John Dewey Society and The American Philosophy of Education Society, published by the College of Education, Univ. of Illinois, Urbana-Champaign.

Michael Wiescher, Freimann Professor of Physics, was appointed a member of the study group for the "International Accelerator Facility for Beams of Ions and Antiprotons" of the German Wissenschaftsrat.

Activities

Stefano G. Athanasoulis, assistant professor of finance, presented "Asset Prices and Consumption in a Model of Perpetual Youth" at the BSI GAMMA Foundation Global Asset Management conference, Nov. 15.

Brenda Bredemeier, professional specialist and codirector of the Mendelson Center for Sport, Character and Culture, presented "Courts of Justice, Fields of Dreams" at the Dorothy Harris Lecture Series in Sport Psychology, College of Health and Human Development, Pennsylvania State Univ., Jan. 17.

Jessica Chalmers, assistant professor of film, television, and theatre, presented "Performance Work: From Intervention to the Multimmediated Stage" at the Academy of Art, Leipzig, Germany, Dec. 17, and again at the Academy of Art, Braunschweig, Germany, Dec. 19;

"The Performances of Personal Criticism," Europa-Universität-Viadrina, Frankfurt (Oder), Germany, Dec. 20; and "Jet Lag and Avanti!" at the Indiana Theater Works, DePauw Univ., Feb. 16.

Meredith S. Chesson, assistant professor of anthropology, presented "A Virtual Tale of Life and Death: Archaeologies of the Senses and Ethnographies of the Past," coauthored with **Ian Kuijt**, associate professor of anthropology, and J. Graham, Nov. 17, at the 2001 annual meeting of the American Schools for Oriental Research; "Death, Social Memory, and Identity: Early Bronze Age Mortuary Practices on the Southeast Dead Sea Plain, Jordan," Oct. 24, in the Archaeological Research Facility Speaker Series, Univ. of California, Berkeley; "Early Bronze Age Urbanism on the Kerak Plateau, Jordan," Oct. 24, at the annual meeting of the East Coast Archaeological Marching and Chowder Society; and served as co-organizer (with G. Philip) and discussant in the session "Tales of the City? Reexamining 'Urbanism' in the Early Bronze Age Levant," April 21, at the 66th annual meeting of the Society for American Archaeology.

Fred Dallmayr, Dee Professor of Government and Philosophy, Nanovic Institute fellow, Kellogg Institute fellow, and Kroc Institute fellow, presented "John O'Neill and Merleau-Ponty" at the annual meeting of the Society for Phenomenology and Existential Philosophy, Goucher College, Baltimore, Oct. 4-6, and responded to a panel discussion on "Fred Dallmayr's Recent Work" at the same conference; presented "Globalization and Inequality: A Plea for Global Justice" at a five-colleges conference in Amherst, Mass., Oct. 26-27; presented an opening statement on "The Aftermath of September 11" at a social theory conference, UPERJ, Rio de Janeiro, Nov. 12-14; presented "Globalization and Inequality" at the same conference; presented "Memory and Imagination: Latin American Reflections" at the Univ. of Belo Horizonte, Brazil, Nov. 16; and presented "Dialogue of Civilizations: A Gadamerian Perspective" at a postgraduate conference, Univ. of Erlangen, Germany, Dec. 7-8.

Fernand Dutille, professor of law, served on a panel addressing "The Role of Athletics in Higher Education" at the annual NCAA Conference Intern Seminar, Indianapolis, Jan. 24.

Richard Economakis, assistant professor of architecture, delivered a lecture on the history and architecture of Nisyros island in the Dodecanese, Greece, at the invitation of the Hellenic Cultural Society, St. Andrews Greek Orthodox Church, South Bend, Jan. 27.

James A. Glazier, associate professor of physics, gave the biophysics colloquium "How Cells Know Where to Go" at the Univ. of Illinois, Chicago, Nov. 29, at Carnegie Mellon Univ., Pittsburgh, Jan. 22, and at Indiana Univ., Bloomington, Jan. 25; and gave the invited talk "Rheology of Foams in Two Dimensions: Toward a General Theory of Plasticity" at Plasticity 2002, Aruba, Jan. 7.

Ian Kuijt, associate professor of anthropology, presented "Social Stratification, Complexity, and Archaeology: A Discussion" at The Fifth Millennium BC in the Near East Conference, Liverpool, United Kingdom, in November; "A Virtual Tale of Life and Death: Archaeologies of the Senses and Ethnographies of the Past II" with **Meredith S. Chesson**, assistant professor of anthropology, and J. Graham at the annual meeting of the American Schools of Oriental Research, Boulder, Colo., in November; "Socioeconomic Competition and the Transition to Agriculture in the Southern Levant: Reflections, Archaeological Data and Grunts from the Audience" at the Marching and Chowder-East Coast Archaeological Society, Baltimore, in October; "The 2001 Excavation Season at Dhra', Jordan: Preliminary Results" with B. Finlayson for the Friends of Archaeology of Jordan, Amman, Jordan, in July; "Contrasts and Contexts: Assessing Lithic Inter-Assemblage Variability from the Perspective of the Pre-Pottery Neolithic A Period Occupation of Dhra' and Wadi Faynan 16" with B. Finlayson at the 4th Workshop on Pre-Pottery Neolithic Chipped Lithic Industries, Nigde, Turkey, in June.

Anthony N. Michel, Freimann Professor of Engineering, presented "On Partial Stability and Boundedness of Discontinuous Dynamical Systems," an invited talk, at the Joint Mathematics meetings of the American Mathematical Society and the Mathematical Association of America, San Diego, Jan. 6-9.

Patrick E. Murphy, professor of marketing, presented "Are Advertising Agencies Moral Communities?" and "Teaching Ethics in Marketing" to the business ethics and marketing faculties, Santa Clara Univ., Nov. 26.

F. Clark Power, chair and professor of liberal studies, concurrent professor in the Master of Education Program and Dept. of Philosophy, presented "Sport, Character and Culture: Promoting Social and Moral Development Through Sport," a workshop for coaches, parents, teachers, athletic directors, ministers, and youth ministers, in Carmel, Ind., Jan. 19.

Karen Richman, assistant professor of anthropology, participated in a workshop for the Working Group on Religion, Immigration and Civic Life of the Social Science Research Council in Seattle, Jan. 11-14, where she presented "Anchored in Haiti, Docked in Florida."

Juan M. Rivera, associate professor of accountancy, presented "Derivatives and Hedging Foreign Exchange Transactions" to the Nuevo Leon Chapter of the Mexican Institute of Certified Public Accountants in Monterrey, Mexico, on Dec. 6; and gave an invited address on "FASB 133 and Hedging Instruments" to the faculty of the School of Accountancy at the Universidad de Nuevo Leon, in Monterrey, on Dec. 12.

Jonathan Sapirstein, professor of physics, presented "Radiative Corrections in Many-Electron Atoms and Ions" at the workshop "Tests of Fundamental Symmetries in Atoms and Molecules," Institute for Theoretical Atomic and Molecular Physics, Cambridge, Mass., Nov. 30.

Hannelore Weber, assistant professional specialist in German, presented "Learning Strategies and the Autonomous Learner" at the annual conference for the Indiana Foreign Language Teachers Association in Indianapolis, Nov. 3.

Publications

J. Douglas Archer, associate librarian, authored "Reference Tools for Intellectual Freedom: Guides to Banned Books and Chronologies," published in *[Part 2] Intellectual Freedom Round Table Report* 49 (2001): 6.

Stefano G. Athanasoulis, assistant professor of finance, and R.J. Shiller published "World Income Components: Measuring and Exploiting Risk-Sharing Opportunities" in *American Economic Review* 91, no. 4 (2001): 1031-1054.

Katharina J. Blackstead, librarian, coauthored "Synergy in Library Public Relations, Marketing, and Development Activities" with E.C. Shoaf, published in *Powerful Public Relations; a How-To Guide for Libraries*, R.S. Karp, ed. (Chicago and London: American Library Association, 2002): 1-7.

Meredith S. Chesson, assistant professor of anthropology, edited the volume *Social Memory, Identity and Death: Ethnographic and Archaeological Perspectives on Mortuary Rituals*, Archaeological Publications of the American Anthropological Association Publication Series, vol. 10 (Arlington, Va.: American Anthropological Association), and authored two chapters in the volume, entitled "Social Memory, Identity and Death: An Introduction" and "Embodied Memories of Place and People: Death and Society in an Early Urban Community."

Xavier Creary, professor of chemistry and biochemistry, coauthored " β -Silylcarbenes from Isolable Diazosilanes" with **Marvin J. Miller**, Clark Professor of Chemistry and Biochemistry, and M.A. Butchko, published in *The Journal of Organic Chemistry* 67 (2002): 112-118.

Christian Dupont, assistant librarian and curator for special collections, published "Collecting Dante in America at the End of the Nineteenth Century: John Zahm and Notre Dame" in the *Papers of the Bibliographical Society of America* 95, no. 4 (Dec.): 443-481; and "The Opera del Vocabolario Italiano Database: Full-Text Searching Early Italian Vernacular Sources on the Web" published in *Italica* 78, no. 4 (Dec.): 526-539.

Leonid Faybusovich, professor of mathematics, coauthored "Inverse Moment Problem for Elementary Coadjoint Orbits" with **Michael Gekhtman**, associate professor of mathematics, published in *Inverse Problems* 17 (Aug. 30): 1295-1306.

Stefan G. Frauendorf, professor of physics, coauthored "Atomic Clusters as a Branch of Nuclear Physics" with C. Guet, published in the *Annual Review of Nuclear and Particle Science* 51 (2001): 219-259.

Thomas Gresik, professor of finance, published "The Strategic Effects of Batch Processing" in *International Economic Review*, with E.C. Mansley, in August; and "Rationing Rules and European Central Bank Auctions" in the *Journal of International Money and Finance*, November.

Dirk M. Guldi, associate professional specialist in the Radiation Laboratory, coauthored "Parallel (Face-to-Face) Versus Perpendicular (Edge-to-Face) Alignment of Electron Donors and Acceptors in Fullerene Porphyrin Dyads: The Importance of Orientation in Electron Transfer" with C. Luo, M. Prato, A. Troisi, F. Zerbetto, M. Scheloske, E. Dietel, W. Bauer, and A. Hirsch, published in the *Journal of the American Chemical Society* 123, no. 37 (2001): 9166-9167, NDRL# 4311; and "Synthesis of Photo- and Electroactive Stilbenoid Dendrimers Carrying Dibutylamino Peripheral Groups" with J.L. Segura, R. Gómez, and N. Martin, published in *Organic Letters* 3, no. 17 (2001): 2645-2648, NDRL# 4324.

Alexander Hahn, professor of mathematics, published "The Zassenhaus Decomposition for the Orthogonal Group: Properties and Applications" in *Documenta Mathematica* (Bielefeld and Urbana, 2001): 165-181, accessible at <http://www.mathematik.uni-bielefeld.de/documenta/>.

Gregory V. Hartland, associate professor of chemistry and biochemistry, coauthored "Coherent Excitation of Vibrational Modes in Gold Nanorods" with M. Hu, O. Wilson, P. Mulvaney, and J.E. Sader, published in *The Journal of Physical Chemistry* 106 (2002): 743-747.

Prashant V. Kamat, professional specialist in the Radiation Laboratory, coauthored "A 'Sense and Shoot' Approach for Photocatalytic Degradation of Organic Contaminants in Water" with R. Huehn and R. Nicolaescu, published in the *Journal of Physical Chemistry B* 106, no. 4 (2002): 788-794, NDRL# 4307; "Interparticle Electron Transfer Between Size-quantized CdS and TiO₂ Semiconductor Nanoclusters" with P.A. Sant, published in *Physical Chemistry Chemical Physics* 4 (2002): 198-203, NDRL# 4330; and "Understanding the Mechanism of Radiolytic Oxidation of the Herbicide 2,4-D Using Computational Methods" with J. Peller and **Olaf G. Wiest**, associate professor of chemistry and biochemistry, published in *ACS-Preprints* 41, no. 2 (2001): 386-389, NDRL# 4296.

Thomas Klein, visiting professor of marketing, published "Marketing and Development: Macromarketing Perspectives" in the *Handbook of Marketing and Society*, P.N. Bloom and G.T. Gundlach, eds., with R.W. Nason, Sage, 2001.

James J. Kolata, professor of physics, coauthored "Total Reaction and Neutron-removal Cross Sections of (30-60) MeV Be Isotopes on Si and Pb" with R.E. Warner, M.H. McKinnon, J.S. Needleman, N.C. Shaner, F.D. Becchetti, D.A. Roberts, A. Galonsky, R.M. Ronningen, M. Steiner, J.A. Brown, A. Nadasen, and K. Subotic, published in *Physical Review C* 64 (2001): 044611 (9 pp.); and "Direct Measurement of the L/K Ratio in ⁷Be Electron Capture" with P.A. Voytas, C. Ternovan, M. Galeazzi, D. McCammon, P. Santi, D. Peterson, V. Guimarães, F.D. Becchetti, M.Y. Lee, T.W. O'Donnell, D.A. Roberts, and S. Shaheen, published in *Physical Review Letters* 88, no. 1 (2002): 012501 (4 pp.).

Ian Kuijt, associate professor of anthropology, authored "Meaningful Masks: Place, Death, and the Transmission of Social Memory in Early Agricultural Communities of the Near Eastern Pre-Pottery Neolithic" published in *Social Memory, Identity, and Death: Intradisciplinary Perspectives on Mortuary Rituals*, **Meredith S. Chesson**, assistant professor of anthropology, ed., Archaeological Publications of the American Anthropological Association Publication Series, vol. 10 (Arlington,

Va.: American Anthropological Association); "Lithic Inter-assemblage Variability and Cultural-Historical Sequences: A Consideration of the Pre-Pottery Neolithic A Period Occupation of Dhra', Jordan" published in *Paléorient* 27, no. 1 (2001): 107-126; "Reconsidering the Cause of Cultural Collapse in the Lillooet Area of British Columbia, Canada: A Geoarchaeological Perspective" published in *American Antiquity* 66, no. 4 (2001): 693-704; and coauthored *Report of the 2000 Investigations at the Slocan Narrows Village (DkQi1 and DkQi2)* *British Columbia*, with W.C. Prentiss, N. Goodale, and M. Burns, Ministry of Small Businesses, Tourism and Culture, Archaeology Branch (British Columbia Provincial Government, 2001): 161 pp.

Jay A. LaVerne, professional specialist in the Radiation Laboratory, coauthored "Effect of Molecular Hydrogen on Hydrogen Peroxide in Water Radiolysis" with B. Pastina, published in the *Journal of Physical Chemistry A* 105, no. 40 (2001): 9316-9322, NDRL# 4310.

Anthony N. Michel, Freimann Professor of Engineering, coauthored *Qualitative Analysis and Synthesis of Recurrent Neural Networks* with D. Liu (New York: Marcel Dekker, Inc., 2002): 504 pp.

Marvin J. Miller, Clark Professor of Chemistry and Biochemistry, coauthored "Conversion of Glucuronic Acid Glycosides to Novel Bicyclic β -Lactams" with T.B. Durham, published in *Organic Letters* 4, no. 1 (2002): 135-138; and "Novel 1,4-Benzodiazepines from Acylnitroso-Derived Hetero-Diels-Alder Cyclo-adducts" with M.D. Surman and M.J. Mulvihill, *ibid.*: 139-141.

Philip Mirowski, Koch Professor of Economics and fellow of the Riley Center for the History and Philosophy of Science, has published *Machine Dreams: Economics becomes a Cyborg Science* (New York: Cambridge Univ. Press, 2001); *Science Bought and Sold: The New Economics of Science* (editor, with **Esther-Mirjam Sent**, associate professor of economics) (Univ. of Chicago Press, 2002); and *Plus de Chaleur que de Lumière* (Paris: Economica, 2001).

Liviu Nicolaescu, assistant professor of mathematics, published "Lattice Points Inside Rational Simplices and the Casson Invariant of Brieskorn Spheres" in *Geometriae Dedicata* 88 (2001): 37-53.

Szilvia Papai, assistant professor of finance, published "Strategyproof Single Unit Award Rules" in *Social Choice and Welfare* 18 (2001): 785-798.

Hon. Kenneth F. Ripple, professor of law, published "The Role of the Law Review in the Tradition of Judicial Scholarship" in the *New York University Annual Survey of American Law* 52, no. 4: 429.

Salma Saddawi, associate professional specialist in chemical engineering, coauthored "Experiments with a Fixed-Bed Catalytic Reactor" with **Roger A. Schmitz**, Keating-Crawford Professor of Chemical Engineering, published in *Chemical Engineering Education* 36, no. 1 (2002): 34.

Paul Schultz, Clark Chair in Finance, published "Corporate Bond Trading: A Peek Behind the Curtain" in the *Journal of Finance*, 2001.

John W. Stamper, associate professor of architecture, published "Making the Mile Magnificent: Arthur Rubloff's Vision for Michigan Avenue Changed the Face of the City" in *Chicago History* 30, no. 2 (Fall 2001): 4-21.

Thoma S. Vihtelic, research assistant professor of biological sciences, coauthored "Arrested Differentiation and Epithelial Cell Degeneration in Zebrafish Lens Mutants" with Y. Yamamoto, M.T. Sweeney, W.R. Jeffery, and **David R. Hyde**, professor of biological sciences, published in *Developmental Dynamics* 222 (2001): 625-636.

Michael Wiescher, Freimann Professor of Physics, coauthored "Nuclear Reactions and Stellar Processes" with K. Langanke, published in *Reports on Progress in Physics* 64 (2001): 1657-1701.

Olaf G. Wiest, associate professor of chemistry and biochemistry, coauthored "Enediynes in 11-Membered Rings, Synthesis, Structure, and Reactivity of Highly Strained but Unusually Stable Macrocycles" with H. Wandel, published in the *Journal of Organic Chemistry* 67 (2001): 388-393; and "Sonolysis of 2, 4-Dichlorophenoxyacetic

Acid in Aqueous Solutions. Evidence for *OH-Radical-Mediated Degradation" with J. Peller and **Prashant V. Kamat**, professional specialist in the Radiation Laboratory, published in the *Journal of Physical Chemistry A* 105, no. 13 (2001): 3176-3181, NDRL# 4151.

Administrators' Notes

Appointments

Leon Glon has been appointed sexton of Cedar Grove Cemetery, effective Jan. 1.

Activities

Matthew Davidson, research associate for the Mendelson Center for Sport, Character and Culture, presented "Ten Keys for Developing Character through Sport" at the Carrollwood Day School, Tampa, Jan. 8.

Publications

Alan S. Bigger, director of Building Services, coauthored "The Great Squeeze: Management Lessons from a Snake" with L.B. Bigger, published in *Executive Housekeeping Today* 23, no. 1 (Jan.): 6-8.

Documentation

James A. Burns, C.S.C., Graduate School Award

Nominations are requested for the James A. Burns, C.S.C., Graduate School Award, given annually to a faculty member for distinction in graduate teaching or other exemplary contributions to graduate education. Contributions can be in any or all of the following areas: Building or developing a graduate program, teaching quality graduate courses, excellence as an adviser or thesis director, and excellence in service as a director of graduate studies or in any other similar position. This honor will be presented at the President's dinner for the faculty in May, and the recipient will receive a citation and cash prize.

The nomination packet should include a minimum of four letters of support (two from students and two from faculty) but no more than six, and a copy of the nominee's CV. All documentation should be sent to the department chair, who will forward all documentation to the Graduate School by Friday, March 8, 2002.

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

James A. Burns, C.S.C., Graduate School Award Winners Since 1990

1989-90 Rev. Ernan McMullin
1990-91 Lawrence Marsh
1991-92 Wilhelm Stoll
1992-93 Scott Maxwell
1993-94 Joan Aldous
Francis J. Castellino
1994-95 Robert C. Johansen
Kwang-Tzu Yang
1995-96 Jeanne D. Day
1996-97 Arvind Varma
1997-98 Dave Leege
Thomas Mueller
1998-99 Gail Bederman
1999-00 Katherine O'Brien O'Keeffe
2000-01 Thomas Nowak

Research Achievement Award

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

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

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

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

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

Nominations must be received by the vice president for Graduate Studies and research, 416 Main Building, no later than March 8.

Research Achievement Award Winner

2000-01 Arvind Varma

Faculty Award Nominations Sought

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

Faculty Award Winners Since 1960

1959-60 Otto Bird
1960-61 John Frederick
1961-62 Milton Burton
1962-63 Stephen Kertesz
1963-64 Raymond Gutschick
1964-65 Matthew Fitzsimons
1965-66 Bernard D. Cullity
1966-67 John Magee
1967-68 Rev. Charles E. Sheedy, C.S.C.
1968-69 Bernard Waldman
1969-70 James Massey
1970-71 Thomas Stritch
1971-72 Ernest Sandeen
1972-73 Rev. Ernan McMullin
1973-74 Robert E. Rodes Jr.
1974-75 Herbert E. Sim
1975-76 Ronald Weber
1976-77 Walter Miller
1977-78 J. Philip Gleason
1978-79 K.-T. Yang
1979-80 Frederick J. Crosson
1980-81 Jeremiah P. Freeman
1981-82 Morris Pollard
1982-83 James Kohn
1983-84 John Malone
1984-85 Rudy Bottei
1985-86 Rev. David Burrell, C.S.C.
1986-87 Paul Weinstein
1987-88 Ray Powell
1988-89 Robert A. Leader
1989-90 Edward J. Murphy
1990-91 Eugene Henry
1991-92 George B. Craig Jr.
1992-93 Lee Tavis
1993-94 Sonia Gernes
1994-95 Ralph McInerny
1995-96 Carol Ann Mooney
1996-97 William B. Berry
1997-98 George S. Howard
1998-99 Frank Reilly
1999-00 John Borkowski
2000-01 Yusaku Furuhashi

Reinhold Niebuhr Award Nominations Sought

Rev. Theodore M. Hesburgh, C.S.C., and Chancellor Willy Brandt of West Germany were the first recipients of Reinhold Niebuhr awards sponsored by friends of the Protestant theologian and author. Receiving this award in September 1972, at ceremonies at Union Theological Seminary in New York City, Father Hesburgh announced the establishment of a Reinhold Niebuhr Award at the University of Notre Dame. This award is made annually to a student, faculty member, or administrator whose life and writings promote or exemplify the area of social justice in modern life. The initial award to Father Hesburgh was \$5,000. This he turned over to the Notre Dame endowment to underwrite an annual cash award of \$250 for the winner of this campus honor. The selection committee includes representatives from the colleges and the Law School, Campus Ministry, Center for Social Concerns, rectors, Ladies of Notre Dame, and the student body. All members of the Notre Dame community are invited to submit recommendations for this award.

Reinhold Niebuhr Award Winners

1973 Msgr. John J. Egan
1974 CILA (Community for the International Lay Apostolate)
1975 George N. Shuster
1976 Rev. Louis Putz, C.S.C.
1977 Mr. and Mrs. Arthur Quigley
1978 Thomas P. Borden
1979 Rev. William Toohey, C.S.C.
1980 Rev. Don McNeill, C.S.C.
1981 Charles K. Wilbur
1982 Kenneth and Penny Jamieson
1983 Julian Pleasants
1984 John W. Hock and Oliver F. Williams, C.S.C.
1985 James Sterna
1986 John H. Yodel
1987 Stephen Borland
1988 Denis Goblet
1989 Sharon Lynn O'Brien
1990 John J. Gilligan
1991 Thomas and Nancy Shafer
1992 Patrick E. Murphy
1993 John Borkowski
1994 Bernard Doering
1995 Rev. Richard McCormick, S.J.
1996 Rev. William M. Lewers, C.S.C.
1997 Rev. Joseph D. Ross, C.S.C.

1998 Lee Tavis
1999 Robert E. and Jeanne Rodes
2000 Kathleen Maas Weigert
2001 Dinah Shelton and R. Scott Appleby

Grenville Clark Award Nominations Sought

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

Grenville Clark Award Winners

1977 Peter Walshe
1978 James and Mary Ann Roemer
1981 Sr. Judith Ann Beattie, C.S.C.
1982 Kenneth W. Milani
1983 Peggy Roach
1984 The Notre Dame Legal Aid and Defender Association
1985 Cecil and Mary Mast
1986 Rev. Robert F. Griffin, C.S.C.
1987 Conrad Kellenberg
1988 D'Arcy Chisholm and David Link
1989 Lloyd and Shelly Ketchum
Kevin and Kathy Misiewicz
1990 Peter Morgan and Sr. Anne Giarrante, O.S.F.
1991 Kathleen Maas Weigert and Dolores Tantoco-Stauder
1992 Rev. H. Thomas McDermott, C.S.C.
1993 Michael and Christine Etzel
1994 Bro. Bonaventure Scully, C.F.X.
1995 Eugene J. McClory
1996 Jennifer A. Morehead
Matthew Fitzgerald

1997	Thomas V. Merluzzi
1998	Jerry and Marge Marley
1999	Teresa Phelps
2000	Dave Kirkner
2001	Roger Jacobs

Foik Award Nominations Sought

The Reverend Paul J. Foik Award Committee invites nominees for the award, which is given annually to a library faculty member who has contributed significantly to library service to the Notre Dame community or to the library profession through personal scholarship or involvement in professional associations. The award is named for the Holy Cross priest who served as director of Notre Dame's library from 1912 to 1924 and was a leading figure in the library profession in the first quarter of the twentieth century. It is among those announced at the President's faculty dinner in May. Previous winners, beginning with the first award in 1991, include Maureen Gleason, Robert Havlik, Joseph Huebner, Rafael Tarrago, Janis Johnston, Charlotte Ames, Dwight King Jr., Stephen Hayes, Katharina Blackstead, Margaret Porter, and Lucy Salisbury Payne.

All members of the University Libraries' and Law Library faculty with two or more years' service are eligible. Prof. Cindy Bergeman, Psychology, will chair this year's committee. Please send letters of nomination to the Reverend Paul J. Foik Award Committee, c/o Melodie Eiteljorge, 221 Hesburgh Library, by March 8. Such letters should include reasons for considering the nominee for this award.

University Committee on Women Faculty and Students

November 26, 2001

Members present: Joan Aldous, Jo Ann/Della Neva (cochairs); Charlotte Ames, Patricia Bellia, Lynn Joy, Barbara Mangione, Maura Ryan, Ann Tenbrunsel, Renee Trilling

Members absent: Patricia Maurice, Kathryn Koch, Brooke Norton, Teresa Godwin Phelps, Gretchen Reydam-Schils, Carol Tanner, Willow Wetherall

Observer: Mary Hendriksen, reporter

1. Background on the University Committee on Women Faculty and Students: Maura Ryan, associate provost and professor of theology, provided background on the role of the University Committee on Women Faculty and Students. The committee is established by the University's *Academic Articles*, Article IV, Sec. 3(1), which provides that the membership will consist of 12 elected faculty representatives, four members appointed by the President of the University, two graduate students elected by the Graduate Union, and two undergraduate students elected by Student Government. The Committee is to "consider policies, practices and the general environment at the University as they relate to women faculty and students." It is advisory in nature, 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."

2. Election of cochairs: Jo Ann Della Neva, associate professor, Romance languages, agreed to be nominated to serve as chair of the committee. Joan Aldous, the William R. Kenan, Jr., Professor of Sociology, volunteered to be cochair. They were elected by acclamation.

3. Establishment of the Agenda for the 2001-2002 Academic Year: Members offered their suggestions for topics the committee should consider this year. Some issues members raised had been identified in a survey taken by student government in April of 2001. Members then grouped the issues by subject, agreed on priorities, and volunteered for various assignments.

GROUP I: Status of women faculty and staff at the University

(a) Lack of women at high administrative positions at the University: Members stated their concerns about the small number of women at high administrative levels at the University. Prof. Aldous pointed out that the stu-

dent government survey identified the existence of "very few" female leaders on campus students could look to as role models as an issue of concern to women undergraduates.

(b) Lack of endowed chairs for women faculty members: A related issue identified for further discussion and action is the small number of women faculty members occupying endowed chairs at the University. Members thought this issue might be particularly appropriate to explore in light of the strategic planning process now under way.

(c) Disparity in compensation between men and women at the University: Charlotte Ames, librarian, said that women at the University perceive that grave inequities exist in regard to compensation of both women faculty and staff and their male counterparts. She believes issues of compensation are particularly complex in the library, especially with regard to compression. Members pointed out that at a private university it is difficult to examine salary figures. Prof. Ryan said that while some raw data existed, the vast array of positions within certain compensation categories would make analysis and comparison difficult. Members considered whether they should address this very large issue by focusing first only on parity of compensation in male and female Library staff.

(d) Tenure/retention of women faculty: Related to the above three issues is the question of how tenure and retention figures of women faculty compare to those of men.

Action plan for the above issues:

Members said that various committees and groups exist at the University that might already have compiled data or examined policies on these issues of equity. Two such groups are the University committee on compensation and the extra-institutional group WATCH. Members decided to invite both Rhonda Brown, the director of the University's new Office of Institutional Equity, and Ava Preacher, assistant dean, College of Arts and Letters and head of WATCH, to the committee's next meetings to provide what information they have on these issues. Then, members can decide on an appropriate course of action.

GROUP II: Issues affecting women students at the University

(a) Women's Resource Center

(WRC): In last year's Student Government survey, women undergraduates said that they believed the WRC needs a larger budget to be more visible, to provide better support to the student body, and to enable it to have longer hours. Concerns were also expressed in the survey regarding the role of the WRC at a Catholic university.

Members expressed their uncertainty as to the status of the WRC after it was put on probation in 1999. A suggestion was made that a survey could be conducted of some other Catholic colleges and universities to compare the role and scope of entities similar to the WRC on their campuses.

Members agreed to make the status and budget of the WRC one of their first action items.

(b) Inconsistencies between male and female dorms: A second issue raised in the Student Government survey was the existence of inconsistencies in rules and policies between male and female dorms. Members asked if the rules and policies were in fact different or whether students believe that the same rules and policies exist but are applied differently. It was decided that Prof. Della Neva would ask Ms. Norton to verify as soon as possible that the issue of consistency in dorm rules is still a live issue for students. If so, the committee will invite Fr. Mark Poorman, C.S.C., vice president of Student Affairs, to a meeting to discuss the matter.

GROUP III: Issues concerning the University's Family and Medical Leave Policy

Ms. Ames said that concern existed among librarians as to the application to them of the University's Family and Medical Leave policy. Although the policy releases teaching and research faculty from a semester of teaching responsibilities after the birth or adoption of a child, librarians are required to return to work after a maximum of a 12-week leave.

Prof. Della Neva said that while teaching and research faculty are released from teaching duties for a semester, the

rationale of that policy is primarily to maintain continuity for students. Faculty may still be assigned other service and administrative responsibilities during that semester. She said that an issue of concern to women faculty is the running of the "tenure clock" during family leave time.

Members decided to ask Ms. Brown to address family leave issues at the December meeting.

Assignments:

(1) Prof. Della Neva will ask Ms. Norton to determine whether the issue of inconsistencies between rules and policies of male and female dorms remains a live one with students.

(2) Profs. Aldous and Della Neva will draft a very short survey asking women faculty and staff at the University what issues they would like the Committee to address.

(3) Prof. Della Neva will speak to Prof. Preacher about the possibility of joining the Committee as a permanent guest so that the work of WATCH and that of the Committee will be complementary.

University Committee on Women Faculty and Students

December 14, 2001

Members present: Joan Aldous, Jo Ann Della Neva (cochairs); Charlotte Ames, Patricia Bellia, Lynn Joy, Barbara Mangione, Teresa Godwin Phelps, Gretchen Reydam-Schils, Maura Ryan, Renee Trilling

Members absent: Patricia Maurice, Kathryn Koch, Brooke Norton, Carol Tanner, Ann Tenbrunsel, Willow Wetherall

Observer present: Mary Hendriksen, reporter

The second meeting for the 2001-02 academic year of the University Committee on Women Faculty and Students was called to order at 1:15 p.m.

1. Discussion with Rhonda Brown, director, Office of Institutional Equity: Ms. Brown is the director of Notre Dame's newly created Office of Institutional Equity. She came to Notre

Dame from the College of the Holy Cross in Worcester, Massachusetts, where she held a similar position. Under Ms. Brown's direction, Holy Cross undertook a program to diversify its faculty—and, over eight years, raised the percentage of its minority faculty from 5.5 percent to 13 percent.

At Notre Dame, Ms. Brown is responsible for such matters as developing policy statements and affirmative action programs related to hiring and promotion. She will be involved in searches for new faculty members and administrators. She reports directly to Fr. Malloy.

Ms. Brown began by saying that all faculty at the University must understand that, to be competitive in today's world, it is essential for Notre Dame to have a diverse faculty. The best and quickest way to achieve that diversity is to make sure that women and minority candidates are in the hiring pool. It is too late in the process to look at the final slate of candidates and ask whether a department considered hiring a woman or a person of color. By then, department members may very well be vested in certain candidates. She believes that the questions regarding equity in hiring must be asked earlier, particularly: Are there women and minority candidates in the hiring pool? If not, departments should be asked to explain why they are not.

Ms. Brown was invited to the meeting today to give background on several issues identified at the committee's meeting of November 26, 2001, as agenda items this year. A large issue involves whether there is disparity between male and female faculty and staff members at Notre Dame in compensation, the awarding of tenure, and retention.

Addressing the tenure issue, Ms. Brown said that while she did not have any statistics today to give to committee members, if their perception is true that a disparity exists between men and women faculty members in this area, the committee's first task should be to determine both the reasons why that disparity exists and whether those reasons are unique to Notre Dame. Then, committee members can discuss whether they should advocate change of some sort—either change to the

requirements for tenure or change to the weight given to various requirements that figure in tenure decisions.

Prof. Ryan pointed out that the University has an Academic Affirmative Action Committee with a subcommittee on retention and promotion. Ms. Brown was hired to move the concerns now under the purview of that committee to a new level.

Prof. Ryan continued that there are two layers of difficulty for women faculty members in the tenure process. First, it is often difficult enough to persuade departments to hire women faculty. Then, there are hurdles associated with achieving the next levels—tenure and the holding of endowed chairs—that are unique to women. Prof. Ryan asked Ms. Brown: While the administration is able to exert some leverage at the hiring level by adding or subtracting faculty lines, what are some ways it can exert leverage so that women can achieve parity at the next levels?

Ms. Brown responded that she believes the first step in achieving parity at higher levels is to ask women faculty who among them is comfortable where she is and who wants to move to a different level. For those women who do want to move ahead, one specific strategy involves the creation of endowed chairs for some general categories—for example, “a woman in the humanities.” Another strategy is to create endowed chairs in disciplines in which there are likely to be a high proportion of women faculty—for example, gender studies. Whatever strategy is chosen, it is critical in moving ahead in this area for Development to be on board. If the University is to go after certain people, funds are needed.

Prof. Joy asked Ms. Brown what the administration has said about the complexity of diversity as related to the University's Catholic identity.

Ms. Brown replied that, with its students, Notre Dame's administration is more committed to maintaining a Catholic identity than was the College of the Holy Cross. Given that commitment, recruitment of students must be handled differently. It is important that students from historically excluded groups do not make up the majority of non-Catholics on campus.

Prof. Reydam-Schils said that the issue of Catholic identity can itself be very complex. Not all members of the University community have the same conception of what constitutes being Catholic, especially when positions on certain issues—for example, the ordination of women—are probed.

Prof. Aldous asked: How much support is there in the administration for hiring the best and the brightest—particularly, women?

Ms. Brown responded that, even with current budgetary constraints, support at the University's highest administrative levels for diversity efforts seems strong. She has yet to see if she will find support among the faculty.

Prof. Phelps said that the College of Arts and Letters, the largest of the University's colleges, is more diverse than the University's other colleges. What steps can be taken to create a more diverse faculty in Science, Engineering, and Architecture?

Ms. Brown responded that while she will not ignore the Colleges of Science and Engineering, there are more searches underway in Arts and Letters. She will begin her work there.

Prof. Phelps said that some have been urging Notre Dame to sign on to the MIT document calling for more women faculty in mathematics and the sciences. Prof. Phelps also said she recognizes that the location of Notre Dame outside of a major urban area intensifies the University's hiring difficulties. When choosing to apply for or accept a position at Notre Dame, many candidates must consider as well what positions are available for their spouses in this area.

Ms. Brown responded that “trailing spouses” are always a difficulty. One strategy to address the problem is including in advertisements for faculty positions other positions available at Notre Dame, as well as positions available at Saint Mary's and Holy Cross College. It is very important that the University not lose out on desirable candidates because of difficulties in securing employment for their spouses.

Prof. Reydam-Schils said that concurrent appointments can be used as a tool to create diversity in departments.

With a concurrent appointment, a faculty member has a “home” department but also teaches and participates in meetings and decisions in another department. She said that while the larger goal of increased women and minority hiring is pursued, concurrent appointments are a good way to diversify departments and to create a different climate in them during hiring and tenure decisions.

Prof. Joy responded that concurrent appointments have their difficulties. Specifically, when more faculty members are added to a department, other department members are likely to be assigned introductory courses rather than the more sought-after graduate courses.

Prof. Della Neva said another difficulty with concurrent appointments is their impact on tenure decisions. If a woman faculty member has double the commitments presented by departmental meetings and committees, she may be less productive in her scholarly work and, thus, more vulnerable to an unfavorable decision on tenure.

Prof. Della Neva returned to the issue of whether data exists on various issues the committee has identified as agenda items, e.g., disparity in compensation.

Ms. Brown said that data on compensation of male and female faculty and staff should be available either in the University's *Factbook* or through the Office of Institutional Research. She said she would collect what data is available for the committee's next meeting.

Prof. Phelps said that certain traditions exist at Notre Dame—for example, reserving certain high administrative positions for priests—that work to close off some positions to women.

Ms. Brown said that positions considered “reserved” should be identified and questions asked as to why they have been so earmarked.

The meeting was adjourned at 2:15 p.m.

Additions and Corrections

Omitted from the faculty listing in issue 4:

ADELA CORTINA, Visiting Associate Professor, Nanovic Institute for European Studies. M.A., Univ. of Valencia, 1982 (2002).

GABRIELLA T. ILONSZKI, Visiting Associate Professor in the Nanovic Institute for European Studies. M.A., Lorand Eotvos Univ., Budapest, 1977; Ph.D., Hungarian Academy of Sciences, 1994 (2002).

Errors in other issues:

In issue 9, **Satsuki Kawano's** grant application (Ancestorhood at Risk) was submitted to the Social Sciences Research Council, not to the Japan Foundation.

New Faculty:

AMR A. ALI, Visiting Assistant Professor of Aerospace and Mechanical Engineering. M.S., Cairo Univ., 1997; Ph.D., Univ. of Notre Dame, 2001 (2002).

DOUGLASS W. CASSELL, Visiting Assistant Professor in the Center for Civil and Human Rights and Concurrent Assistant Professor in the School of Law. B.A., Yale College, 1969; J.D., Harvard Law School, 1972 (2002).

JEANINE MARIE GOZDECKI, Adjunct Assistant Professor of Law. B.A., Univ. of Notre Dame, 1985; J.D., *ibid.*, 1992 (2002).

NICHOLAS FRANCIS PAONI, Research Professor of Chemistry and Biochemistry. B.S., Univ. of California, Davis, 1972; Ph.D., Univ. of Notre Dame, 1977 (2002).

SANDRA F. VITZTHUM, Visiting Assistant Professor of Architecture. B.A., Princeton Univ., 1986; M.Arch., Univ. of Virginia, 1989 (1998, 2002).

Faculty Changes:

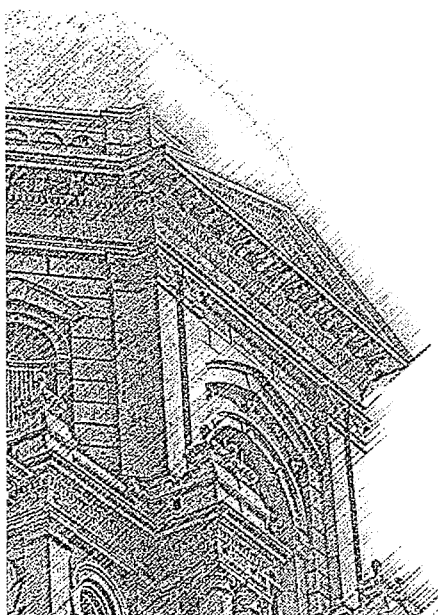
SUSAN CANNON HARRIS, Assistant Professor of English and Concurrent Assistant Professor in the Keough Institute for Irish Studies. B.A., Yale Univ., 1991; M.A., Univ. of North Carolina, Chapel Hill, 1993; Ph.D., Univ. of Texas at Austin, 1998 (1998).

PETER T.G. MCQUILLAN, Assistant Professor of Classics and Concurrent Assistant Professor in the Keough Institute for Irish Studies. B.A., Univ. College, Dublin, 1981; M.A., *ibid.*, 1983; Ph.D., Harvard Univ., 1991 (1994).

MARY ANN B. SMYTH, Adjunct Instructor, Keough Institute for Irish Studies, and Adjunct Instructor in English. M.A., St. Andrews Univ., Scotland, 1986. Ph.D., Univ. of Cambridge, 2001 (1999).

VICKI TOUMAYAN, Adjunct Instructor in Romance Languages and Literatures and Adjunct Instructor in the Arts and Letters Core Course. B.A., Smith College, 1973; M.A., Yale Univ., 1978; M.Phil., *ibid.*, 1987; Ph.D., Yale Univ., 2000 (1995).

Notre Dame Report



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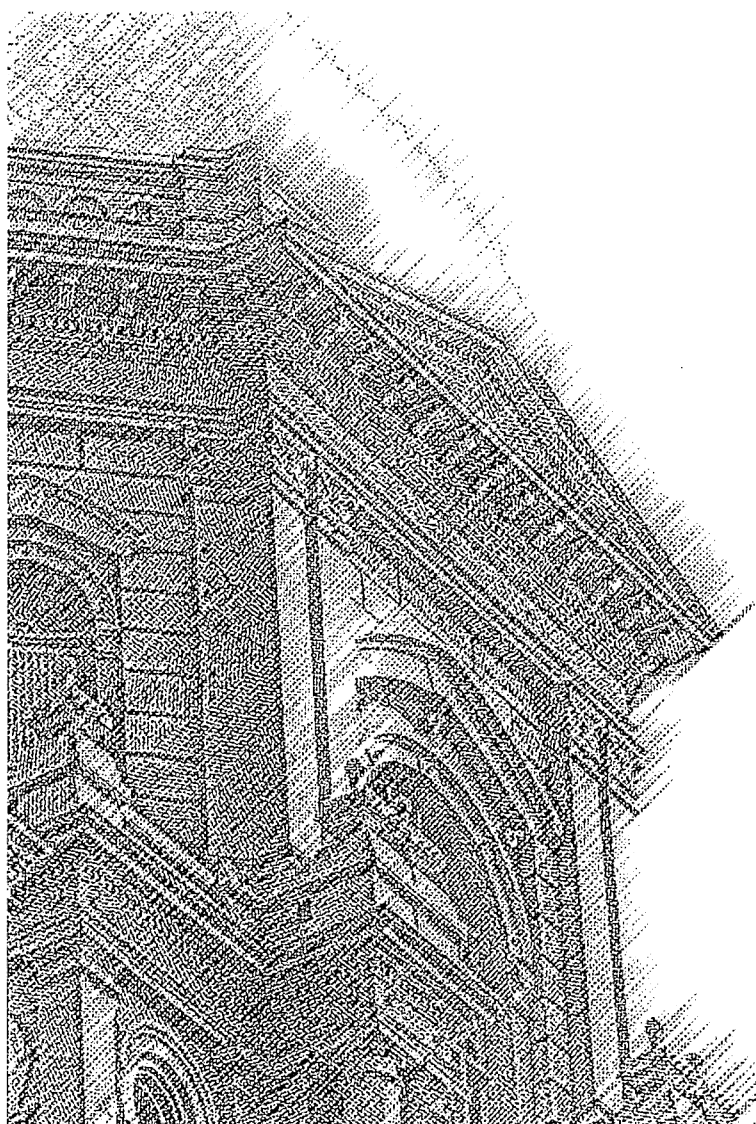
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Notre Dame Report



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The University

IEI Focus Group Funded

The Mendelson Center for Sport, Character and Culture received a National Science Foundation Grant designed to create opportunities for in-depth discussions with 15 local high-school coaches. The two major goals are:

- (1) To better understand coaches' current efforts to promote character development through sport; and
- (2) To offer coaches theoretically grounded, empirically tested strategies to encourage character development in student-athletes.

Faculty Notes

Honors

J. Douglas Archer, associate librarian, has been name editor of the American Library Association's *Intellectual Freedom Round Table Report* for 2002-2003.

Virgilio Elizondo, visiting professor of theology, was the recipient of the first annual Leadership Award of Catholic Television of San Antonio, presented on Jan. 24, by His Eminence Theodore Cardinal McCarrick, archbishop of Washington.

Hindy Najman, Kapson Chair in Jewish Studies, was appointed book review editor for *Studia Philonica Annual*.

Dean A. Porter, director emeritus of the Snite Museum of Art, was elected to the board of the National Center for Western Art, Kerrville, Tex., Jan. 28.

Activities

Ani Aprahamian, professor of physics, presented a seminar "Nuclear Masses and Nucleosynthesis" at the National Superconducting Cyclotron Laboratory, Michigan State Univ., East Lansing, Feb. 6.

Michael Baxter, assistant professor of theology, presented a response to John Kelsay and Stephen Lammers on the war in Afghanistan for the Society of Christian Ethics, Vancouver, B.C., Jan. 12; an invited sermon, "The Blessings of Being Nobody," at Southside Fellowship Mennonite Church, Elkhart, Jan. 27; and "Holy War, Just War, and the War of the Lamb: Catholic Social Teaching on War and Peace" at Old St. Pat's Catholic Parish, Feb. 3.

D'Arcy Jonathan Dacre Boulton, professional specialist and concurrent associate professor of history and fellow of the Medieval Institute, presented an invited paper "Knighthood and Nobility in the Lay Orders and Nobiliary Societies of the Fourteenth and Fifteenth Centuries" at the IV Encontro sobre Ordens Militares, Palmela, Portugal, Jan. 30 through Feb. 2.

Ian Carmichael, professional specialist in the Radiation Laboratory, presented a seminar titled "Theoretical Insights into Amino Acid Radiolysis" at the National Institute of Standards and Technology, Gaithersburg, Md., Jan. 31.

Peter Cholak, assistant professor of mathematics, presented "Extensions Theorems and Automorphisms of the Computably Enumerable Sets" at a special session in computability and its applications held during the American Mathematical Society Meeting, San Diego, Jan. 6-9.

Paul M. Cobb, assistant professor of history, received a Franklin Research Grant from the American Philosophical Society to support his project "Lords of Shayzar: An Arab Family in the Age of the Crusades."

Michael Detlefsen, professor of philosophy, presented the invited lecture "The Axiomatic Method and the Ideal of Completeness," Oct. 17, at the First Iranian Seminar in the Philosophy of Mathematics, Shahid Beheshti Univ., Tehran, Iran; organized and directed the second annual Midwest Workshop in the Philosophy of Mathematics, Nov. 10-11, Notre Dame; presented a series of five invited lectures entitled "Creation, Necessity and the Axiomatic Method" in Tokyo, Jan. 5-12, sponsored by Senshu Univ., Tokyo Metropolitan Univ., Keio Univ., and the Philosophy of Science Association of Japan.

E. Jane Doering, assistant professional specialist in the Institute for Scholarship in the Liberal Arts and concurrent assistant professor in the Arts and Letters Core Course, gave a joint presentation with J. Suther on the poetry of Raïssa Maritain and of Simone Weil: "From Suffering to Truth" at the Jacques Maritain Conference in Boca Raton, Fla., in October.

Patrick D. Gaffney, associate professor of anthropology, presented "Weighing Power and Reckoning Truth in Central Africa" at an invited panel on the Cultural Context of Truth and Justice Commissions, at the annual meeting of the American Anthropological Association, Washington, D.C., Nov. 24.

Richard W. Garnett, assistant professor of law, presented "Religious Witness in the Public Square: How Not to Think About the Death Penalty, Punishment, and Human Dignity" at a conference sponsored by the Pew Forum on Religion and Public Life at the Univ. of Chicago's Divinity School, Jan. 25.

Teresa Ghilarducci, associate professor of economics and director of the Higgins Labor Research Center, testified at a congressional oversight meeting on current economic conditions and pension law, Ivy Tech State College, South Bend, Jan. 31.

Jill Godmilow, professor of film, television, and theatre, presented a full retrospective of her films at the Febiofest Film Festival in Prague, and gave an invited lecture "Kill The Documentary, As We Know It" at the American Embassy in Prague.

Daniel Groody, assistant professor of theology and Institute for Latino Studies fellow, presented "The Apostolic Vision of the Valley Mission Program" at the Diocese Ciudad Guzman, Tizapan el Alto, Jalisco, Mexico, Jan. 28; and "Immigration, Revelation and Conversion: The Mexican Experience" at the Mexican American Cultural Center, San Antonio, Jan. 8.

Mary Catherine Hilkert, associate professor of theology, presented a workshop on "Feminism and Christian Spirituality" for the Hesburgh Center for Continuing Formation in Ministry at Catholic Theological Union, Dec. 7; and the Arts of Ministry Lecture, "Preaching from the Book of Nature," at the Univ. of Chicago, Jan. 30.

Maxwell Johnson, associate professor of theology, was the presiding minister for the closing prayer service at the Re-reading Paul Together conference, Notre Dame, Feb. 2; presented "Ecumenical Movements, Achievements and Hurdles in the Church Today" at the Formed in Faith: Celebrating Catholic Identity conference, 40th Annual Southwest Liturgical Conference Study Week, Dioceses of Colorado Springs and Pueblo, Colorado Springs, Colo., Jan. 19; presented "Doxology: God's Glory Breaking Through" at the same conference, Jan. 18; and presented "Tertullian's *Diem baptismo sollemniorum* Revisited: A Tentative Hypothesis on

Baptism at Pentecost" to the Early Christian Liturgy Seminar, North American Academy of Liturgy, Reston, Va., Jan. 4.

Dan Meisel, director of the Radiation Laboratory and professor of chemistry and biochemistry, presented a keynote lecture on "The Chemists' Perspective on Nuclear Waste" at the 67th Israel Chemistry Society meeting, Jerusalem, Jan. 29 through Feb. 2; and presented a seminar, "Size Effects in Core-shell Metallic Particles," at the Materials and Interfaces Dept. of the Weizmann Institute, Rehovot, Israel, Jan. 31.

Nathan Mitchell, associate professional specialist and associate director of the Center for Pastoral Liturgy and concurrent associate professional specialist in theology, made presentations on sacramental celebration to the Building Committee and the parish of St. Mark in Independence, Mo. (Diocese of Kansas-City/St. Joseph), Jan. 11-13.

Peter Moody, professor of government and international studies, was a member of the 17th Delegation of American Scholars to the Republic of China (on Taiwan), Jan. 6-12.

Thomas J. Mueller, Roth-Gibson Professor of aerospace engineering, presented a Fast Track Tutorial "Low Reynolds Number Aerodynamics with Micro Air Vehicle Applications" at the 40th AIAA Aerospace Sciences meeting and exhibit, Reno, Jan. 14-17; and, at the same meeting, presented "Aeronautics to Aerospace at the University of Notre Dame," which he coauthored with **Robert C. Nelson**, professor of aerospace and mechanical engineering.

Hindy Najman, Kapson Chair in Jewish Studies, presented "A Written Copy of the Law of Nature: An Unthinkable Paradox?" at The Law of Nature: Ancient Origins and Contemporary Debates, Notre Dame, Oct. 1, which he co-organized (with **Gregory E. Sterling**, professor of theology and associate dean of the faculty, College of Arts and Letters); responded to Gregory E. Sterling's "Hellenistic Jewish Ethics: A Selection from a Commentary on Philo's Hypothetica" in the Philo of Alexandria Group, Society of Biblical Literature, Denver, Nov. 19; and presented "Rewriting Rewritten: The Temple Scroll and Deuteronomy" in the Dead

Sea Scrolls session, Association for Jewish Studies, Washington, D.C., Dec. 16.

Thomas O'Meara, Warren Professor Emeritus of Theology, presented "Grace and Nature as Sources of the Teaching Ministry of Bishops" at the Conference on the Teaching Office of Bishops, Boston College, Nov. 30.

Dean A. Porter, director emeritus of the Snite Museum of Art, delivered an invited lecture "Before Electricity, Taos, New Mexico" at the opening of the exhibition "West by Southwest," Muskegon Museum of Art, Jan. 20; and delivered an invited lecture "Before Electricity (Running Water, John Marin and Georgia O'Keeffe)" at the opening of the "William and Mary Young Collection of Western Art," Brauer Museum, Valparaiso Univ., Feb. 10.

Joachim Rosenthal, professor of mathematics and concurrent professor of electrical engineering, gave the invited talk "Convolutional Codes, an Algebraic Geometric Point of View" at the national meeting of the American Mathematical Society, San Diego, Jan. 6-9.

Robert P. Sedlack, assistant professor of graphic design, presented "Networking: Connecting to the World After Graduation" as part of the Purdue Univ.'s Dept. of Visual Communications Design visiting speaker series, West Lafayette, Jan. 10.

Mei-Chi Shaw, professor of mathematics, presented "Boundary Value Problems on Nonsmooth Domains in Complex Analysis" at the International Congress of Chinese Mathematicians, Taipei, Taiwan, Dec. 20; and presented four one-hour lectures on the same topic at the Seoul National Univ., Jan. 7-10.

M. Catherine Tillman, associate professor of liberal studies, presented "Kindly Light and Enlightened Reason," the plenary session address at the conference on The Philosophical Legacy of John Henry Newman, Franciscan Univ., Steubenville, Ohio, in October; "The Relationship between Newman's *Idea of a University* (1852) and his *Rise and Progress of Universities* (1856)," International Newman Conference, Newman House, Dublin, in August; and "Newman's Dialectical Method: 'Liberalism' and 'Conservatism'" at the International Newman Conference, Keble College Oxford, England, in August.

Raimo Väyrynen, professor of government and international studies and senior fellow of the Kroc Institute, presented "The European Union, Accountability, and Human Development" at a conference held by the United Nations Development Programme to prepare the *Human Development Report 2002*, Warsaw, Jan. 31 through Feb. 1.

Rev. Oliver F. Williams, C.S.C., director of the Center for Ethics and Religious Values in Business and Kroc Institute fellow, presented "A Workshop on Business Ethics" for the MBA Students of the Krannert School of Business, Purdue Univ., West Lafayette, Feb. 1.

Randall Zachman, associate professor of theology, presented "Medieval and Reformation Readings of Paul" at the Rereading Paul Together conference, Notre Dame, Feb. 1.

Publications

David Aune, professor of theology, wrote "Prayer in the Greco-Roman World," which appeared in *Into God's Presence: Prayer in the New Testament*, R.N. Longenecker, ed. (Grand Rapids: Eerdmans, 2001): 23-42.

Michael Baxter, assistant professor of theology, coauthored "Is This Just War? Two Catholic Perspectives on the War in Afghanistan" with L. Cahill, in *U.S. Catholic* 66 (Dec.): 12-16; and "In the World But Not of It: The Editors Interview Fr. Michael Baxter," *U.S. Catholic* 66 (Aug.): 24-28.

Paul F. Bradshaw, professor of theology, published "Did the Early Eucharist ever have a Sevenfold Shape?" in *The Heythrop Journal* 43 (2002): 73-76; a second edition of *The Search for the Origins of Christian Worship* (London, SPCK/New York: Oxford Univ. Press, 2002); and "The Effects of the Coming of Christendom on Early Christian Worship" in *The Origins of Christendom in the West*, A. Kreider, ed. (Edinburgh: T & T Clark, 2001): 269-286.

Lawrence Cunningham, O'Brien professor of theology, published "A Response to Despair" in *Beauty for Ashes*, J. Farina, ed. (New York: Crossroad, 2002): 258-261; and "Religion Book Notes" in *Commonweal* cxxix (Jan. 11): 27-30.

Michael Detlefsen, professor of philosophy, published "What Does Gödel's Second Theorem Say?" in *Philosophia Mathematica* 9 (2001): 37-71; and "Peace, Justice and Computation" in *Logic, Language, and Computation: Essays in honor of Alonzo Church*, C.A. Anderson and M. Zelëny, eds. (Kluwer Academic Publishers, 2001): 447-470.

Keith J. Egan, adjunct professor of theology and Aquinas Chair in Catholic Theology at Saint Mary's College, published "Aylesford Cartulary" in *Carmelus* 47 (2000, published in 2001): 211-234.

Virgilio Elizondo, visiting professor of theology, published in the Indonesian language his book, *A Retreat with Our Lady of Guadalupe and Juan Diego* (Jakarta, Indonesia, 2001): 94 pp.

Jill Godmilow, professor of film, television, and theatre, published *Lear '87 Archive (Condensed)*, a six-hour DVD set of three indexed disks, on the rehearsal process of the avant garde theatre company, Mabou Mines, at work on a fully gender-reversed production of *King Lear*.

Joachim Görres, research professor of physics, coauthored "Elastic $\alpha - {}^{12}\text{C}$ Scattering and the ${}^{12}\text{C}(\alpha, \gamma){}^{16}\text{O}$ E2 S Factor" with P. Tischhauser, R.E. Azuma, L. Buchmann, R. Detwiler, U. Giesen, M. Heil, J. Hinnefeld, F. Käppeler, **James J. Kolata**, professor of physics, H. Schatz, A. Shotter, E. Stech, S. Vouzoukas, and **M. Wiescher**, Freimann Professor of Physics, published in *Physical Review Letters* 88, no. 7 (2002): 072501 (4 pp.).

Vittorio Hösle, Kimble Professor of Arts and Letters, professor of German, concurrent professor of government, and Nanovic Institute fellow, coedited *Gedanken zur Nachhaltigkeit* with L. di Blasi and B. Goebel (München: C.H. Beck Verlag, 2001); wrote *Platonismus und Darwinismus*, Freiburger Institut für Palaöwissenschaftliche Studien, *Kleine Schriftenreihe* No. 6 (2001); coauthored *Café dos Filósofos Mortos*, São Paulo: Editora Angra, 2001 (Brazilian-Portuguese translation of *The Dead Philosophers' Café*); published "Könnte die Europäische Union als Bundesstaat funktionieren?" and "Kann sie ein Bundesstaat werden?," in *Universitas* 56 (Dec. 2001): 1234-1244; wrote "Die

Metaebene der bioethischen Diskussion. Einige Bemerkungen zu Michael Neumanns *Kirchentagsrede*," in *Scheidewege* 31(2001-02): 95-102; authored "Replik," in *Eine moralische Politik? Vittorio Hösles Politische Ethik in der Diskussion* edited by B. Goebel und M. Wetzel (Würzburg, 2001): 291-314; wrote "Das Umweltproblem im 21. Jahrhundert. Dimensionen einer Krise," in *Gedanken zur Nachhaltigkeit*, edited by L. di Blasi, B. Goebel, and V. Hösle (München, 2001): 9-36 and 264-265; authored "Die Philosophie und ihre Medien," in *Platonisches Philosophieren, Zehn Vorträge zu Ehren von Hans Joachim Krämer*, edited by Th.A. Szlezák unter Mitwirkung von K.-H. Stanzel (Hildesheim/ Zürich/New York: 2001): 1-17; wrote "Verfall der deutschen Universitäten? Hochschulen in den USA und Deutschland," in *Stimmen der Zeit* (2001): 377-386; wrote "Die Philosophie und die Interpretation der Bibel," in *Jahrbuch für Philosophie des Forschungsinstituts für Philosophie Hannover* 12 (2001): 83-114; wrote "Der Ethikrat. Diesmal für: Rudolf Scharping und seine Kritiker," in *Die Zeit* no. 36 (2001): 44; Der Ethikrat. Diesmal für Grüne Pazifisten Entscheidungsträger, in *Die Zeit* no. 48 (2001): 56; "Die Irrtümer der Denker," in *Der Spiegel* no. 29 (2001): 136-139; was interviewed by *Faz.net*, Sept. 17 (2001), "Größe nicht gleich Sicherheit"; and wrote the following prefaces to the works of others: G. Münnix, *Anderwelten* (Weinheim, 2001): 9-10, and M. Kantor, *Ödland Ein Atlas*, (Ostfildern-Ruit, 2001): 145-148.

Robert P. McIntosh, professor emeritus, Dept. of Biological Sciences, published *Ecological Science, Philosophy and Ecological Ethics in Land, Value, Community: Callicott and Environmental Philosophy 2002*, W. Ouderkirk and J. Hill, eds. (New York: State Univ. of New York Press, 2002).

John P. Meier, professor of theology, wrote "Jesus and the Essenes on Wealth and Property: Comparisons and Contrasts," *Mysterium Regni Ministerium Verbi* (Vittorio Fusco Memorial Volume; Supplements to *Rivista Biblica* 38; Bologna, Italy: Edizioni Dehoniane, 2001): 201-14.

Marvin J. Miller, Clark Professor of Chemistry and Biochemistry, published "Novel 1,4-Benzodiazepines from

Acylnitroso-Derived Hetro-Diels-Alder Cycloadducts," coauthored with M.D. Surman and M.J. Mulvihill, in *Organic Letters* 4 (2002): 139-141.

Nathan Mitchell, associate professional specialist and associate director of the Center for Pastoral Liturgy and concurrent associate professional specialist in theology, wrote "Brave New World" for "The Amen Corner," *Worship* 76, no. 1 (Jan.): 67-76.

Thomas J. Mueller, Roth-Gibson Professor of aerospace engineering, coauthored "Turbulence Ingestion Noise, Part 1: Experimental Characterization of Grid-Generated Turbulence" with J.P. Wojno and W.K. Blake, published in the *AIAA Journal* 40, no. 1 (Jan.): 16-25; "Turbulence Ingestion Noise, Part 2: Rotor Aeroacoustic Response to Grid-Generated Turbulence" with J.P. Wojno and W.K. Blake, *ibid.*: 26-32; and "Effect of Endplates on Two-Dimensional Airfoil Testing at Low Reynolds" with A. Pelletier, *Journal of Aircraft* 38, no. 6 (Nov./Dec.): 1056-1059. Prof. Mueller edited *Fixed and Flapping Wing Aerodynamics for Micro Air Vehicle Applications* (Reston, Va.: American Institute of Aeronautics and Astronautics, 2001); and coauthored "Aerodynamic Characteristics of Low Aspect Ratio Wings at Low Reynolds Numbers" with G. Torres, *ibid.*: 115-141.

Thomas O'Meara, Warren Professor Em̄ritus of Theology, published "Jean-Pierre Torrell's Research on Thomas Aquinas" in *Theological Studies* 62 (2001): 787-801; and "Reflections on the General Elective Chapter of 2001" in the *Provincial Newsletter* (Province of St. Albert the Great) 40 (Oct./Dec.): 8-9.

Slavi C. Sevov, associate professor of chemistry and biochemistry, published "A Reduced Polyoxomolybdenum Borophosphate Anion Related to the Wells-Dawson Clusters," coauthored with E. Dumas and C.D. Chouvy, in *Journal of American Chemical Society Communications* 124 (2002): 908-909.

Bradley D. Smith, professor of chemistry and biochemistry, published "Selective Phosphatidylethanolamine Translocation Across Vesicle Membranes Using Synthetic Translocases," coauthored with J.M. Boon, R. Shukla, G. Licini, and P. Scrimin, in *The Royal Society of Chemistry, Chemical Communication*

(2002): 260-261; and "Recognition-directed Assembly of Salt-binding [1]rotaxanes," coauthored with M.J. Deetz and R. Shukla, in *Tetrahedron* 58 (2002): 799-805.

J. Kerry Thomas, Nieuwland Professor of Science, Dept. of Chemistry and Biochemistry, coauthored "The Photo-physics of 1-hydroxypyrene, the Acidity of Its Singlet Excited State, and the Nature of Its Photoionization Process in Polar Media" with B.H. Milosavljevic, published in *Photochemistry, Photobiological Science* 1 (2002): 100-104.

M. Catherine Tillman, associate professor of liberal studies, wrote the "Introduction" and "Editor's Notes" for *John Henry Newman, Rise and Progress of Universities and Benedictine Essays* vol. 3, Birmingham Oratory Millennium Edition (London: Gracewing Publishers; Notre Dame: Univ. of Notre Dame Press, 2001): xi-lxxvi, 489-513.

Randall Zachman, associate professor of theology, published "Gathering Meaning from the Context: Calvin's Exegetical Method" in *The Journal of Religion* (Jan.): 1-26; and "John Calvin" in *The Reformation Theologians: An Introduction to Theology in the Early Modern Period*, C. Lindberg, ed. (Oxford: Blackwell Publishers, 2002): 184-197.

Administrators' Notes

Activities

Paula A. Smith, assistant director of Residence Life and Housing, presented "A Quest for the Educated Person" at the Great Lakes Association of College and University Housing Officers conference, Evanston, Ind., Nov. 5.

Publications

Alan S. Bigger, director of Building Services, coauthored "Data Overload" with L.B. Bigger, in *Executive Housekeeping Today* 23, no. 2 (Feb.): 6-7, 10.

Documentation

James A. Burns, C.S.C., Graduate School Award

Nominations are requested for the James A. Burns, C.S.C., Graduate School Award, given annually to a faculty member for distinction in graduate teaching or other exemplary contributions to graduate education. Contributions can be in any or all of the following areas: Building or developing a graduate program, teaching quality graduate courses, excellence as an adviser or thesis director, and excellence in service as a director of graduate studies or in any other similar position. This honor will be presented at the President's dinner for the faculty in May, and the recipient will receive a citation and cash prize.

The nomination packet should include a minimum of four letters of support (two from students and two from faculty) but no more than six, and a copy of the nominee's CV. All documentation should be sent to the department chair, who will forward all documentation to the Graduate School by Friday, March 8, 2002.

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

James A. Burns, C.S.C., Graduate School Award Winners Since 1990

1989-90 Rev. Ernan McMullin
1990-91 Lawrence Marsh
1991-92 Wilhelm Stoll
1992-93 Scott Maxwell
1993-94 Joan Aldous
Francis J. Castellino
1994-95 Robert C. Johansen
Kwang-Tzu Yang
1995-96 Jeanne D. Day
1996-97 Arvind Varma
1997-98 Dave Leege
Thomas Mueller
1998-99 Gail Bederman
1999-00 Katherine O'Brien O'Keeffe
2000-01 Thomas Nowak

Research Achievement Award

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

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

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

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

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

Nominations must be received by the vice president for Graduate Studies and research, 416 Main Building, no later than March 8.

Research Achievement Award Winner

2000-01 Arvind Varma

Faculty Award Nominations Sought

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

Faculty Award Winners Since 1960

1959-60 Otto Bird
1960-61 John Frederick
1961-62 Milton Burton
1962-63 Stephen Kertesz
1963-64 Raymond Gutschick
1964-65 Matthew Fitzsimons
1965-66 Bernard D. Cullity
1966-67 John Magee
1967-68 Rev. Charles E. Sheedy, C.S.C.
1968-69 Bernard Waldman
1969-70 James Massey
1970-71 Thomas Stritch
1971-72 Ernest Sandeen
1972-73 Rev. Ernan McMullin
1973-74 Robert E. Rodes Jr.
1974-75 Herbert E. Sim
1975-76 Ronald Weber
1976-77 Walter Miller
1977-78 J. Philip Gleason
1978-79 K.-T. Yang
1979-80 Frederick J. Crosson
1980-81 Jeremiah P. Freeman
1981-82 Morris Pollard
1982-83 James Kohn
1983-84 John Malone
1984-85 Rudy Bottei
1985-86 Rev. David Burrell, C.S.C.
1986-87 Paul Weinstein
1987-88 Ray Powell
1988-89 Robert A. Leader
1989-90 Edward J. Murphy
1990-91 Eugene Henry
1991-92 George B. Craig Jr.
1992-93 Lee Tavis
1993-94 Sonia Gernes
1994-95 Ralph McInerney
1995-96 Carol Ann Mooney
1996-97 William B. Berry
1997-98 George S. Howard
1998-99 Frank Reilly
1999-00 John Borkowski
2000-01 Yusaku Furuhashi

Reinhold Niebuhr Award Nominations Sought

Rev. Theodore M. Hesburgh, C.S.C., and Chancellor Willy Brandt of West Germany were the first recipients of Reinhold Niebuhr awards sponsored by friends of the Protestant theologian and author. Receiving this award in September 1972, at ceremonies at Union Theological Seminary in New York City, Father Hesburgh announced the establishment of a Reinhold Niebuhr Award at the University of Notre Dame. This award is made annually to a student, faculty member, or administrator whose life and writings promote or exemplify the area of social justice in modern life. The initial award to Father Hesburgh was \$5,000. This he turned over to the Notre Dame endowment to underwrite an annual cash award of \$250 for the winner of this campus honor. The selection committee includes representatives from the colleges and the Law School, Campus Ministry, Center for Social Concerns, rectors, Ladies of Notre Dame, and the student body. All members of the Notre Dame community are invited to submit recommendations for this award.

Reinhold Niebuhr Award Winners

1973 Msgr. John J. Egan
1974 CILA (Community for the International Lay Apostolate)
1975 George N. Shuster
1976 Rev. Louis Putz, C.S.C.
1977 Mr. and Mrs. Arthur Quigley
1978 Thomas P. Borden
1979 Rev. William Toohey, C.S.C.
1980 Rev. Don McNeill, C.S.C.
1981 Charles K. Wilbur
1982 Kenneth and Penny Jamieson
1983 Julian Pleasants
1984 John W. Hock and Oliver F. Williams, C.S.C.
1985 James Sterna
1986 John H. Yodel
1987 Stephen Borland
1988 Denis Goblet
1989 Sharon Lynn O'Brien
1990 John J. Gilligan
1991 Thomas and Nancy Shafer
1992 Patrick E. Murphy
1993 John Borkowski
1994 Bernard Doering
1995 Rev. Richard McCormick, S.J.
1996 Rev. William M. Lewers, C.S.C.

1997 Rev. Joseph D. Ross, C.S.C.
1998 Lee Tavis
1999 Robert E. and Jeanne Rodes
2000 Kathleen Maas Weigert
2001 Dinah Shelton and R. Scott Appleby

Grenville Clark Award Nominations Sought

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

Grenville Clark Award Winners

1977 Peter Walshe
1978 James and Mary Ann Roemer
1981 Sr. Judith Ann Beattie, C.S.C.
1982 Kenneth W. Milani
1983 Peggy Roach
1984 The Notre Dame Legal Aid and Defender Association
1985 Cecil and Mary Mast
1986 Rev. Robert F. Griffin, C.S.C.
1987 Conrad Kellenberg
1988 D'Arcy Chisholm and David Link
1989 Lloyd and Shelly Ketchum
Kevin and Kathy Misiewicz
1990 Peter Morgan and Sr. Anne Giarrante, O.S.F.
1991 Kathleen Maas Weigert and Dolores Tántoco-Stauder
1992 Rev. H. Thomas McDermott, C.S.C.
1993 Michael and Christine Etzel
1994 Bro. Bonaventure Scully, C.F.X.

1995	Eugene J. McClory
1996	Jennifer A. Morehead Matthew Fitzgerald
1997	Thomas V. Merluzzi
1998	Jerry and Marge Marley
1999	Teresa Phelps
2000	Dave Kirkner
2001	Roger Jacobs

Foik Award Nominations Sought

The Reverend Paul J. Foik Award Committee invites nominees for the award, which is given annually to a library faculty member who has contributed significantly to library service to the Notre Dame community or to the library profession through personal scholarship or involvement in professional associations. The award is named for the Holy Cross priest who served as director of Notre Dame's library from 1912 to 1924 and was a leading figure in the library profession in the first quarter of the twentieth century. It is among those announced at the President's faculty dinner in May. Previous winners, beginning with the first award in 1991, include Maureen Gleason, Robert Havlik, Joseph Huebner, Rafael Tarrago, Janis Johnston, Charlotte Ames, Dwight King Jr., Stephen Hayes, Katharina Blackstead, Margaret Porter, and Lucy Salsbury Payne.

All members of the University Libraries' and Law Library faculty with two or more years' service are eligible. Prof. Cindy Bergeman, Psychology, will chair this year's committee. Please send letters of nomination to the Reverend Paul J. Foik Award Committee, c/o Melodie Eiteljorge, 221 Hesburgh Library, by March 8. Such letters should include reasons for considering the nominee for this award.

Additions and Corrections

Change in Faculty Title:

SUSAN GUISE SHERIDAN, *Nancy O'Neill Associate Professor of Anthropology*. B.A., Univ. of Maryland, 1984; M.A., *ibid.*, 1986; Ph.D., Univ. of Colorado, 1992 (1992).

New Faculty:

JOE N. CAUDELL, *Assistant Professional Specialist in Biological Sciences*. B.S., Univ. of Georgia, 1998; M.S., Utah State Univ., 2001; Ph.D., *ibid.*, 2001 (2002).

PEDRO ROMERO E. DIAZ, *Visiting Fellow of the Center for Civil and Human Rights*. B.A., LaSalle Institute, Bogota Colombia, 1980; J.D., Externado Univ., Bogota Colombia, 1989 (2002).

YOSHIKO O. GREEN, *Adjunct Instructor in Marketing*. B.S., Western Michigan Univ., 1992; M.S., Indiana Univ., 1998 (2002).

Faculty Board on Athletics

December 10, 2001

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

Member absent: Dr. Kevin White.

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

1. **Call to order and prayer:** The chair called the meeting to order at 4:20 P.M. Prof. Power led the group in prayer.

2. **Minutes:** Prof. Guiltinan moved the approval of the minutes for the meeting of November 19, 2001; Prof. Marley seconded. The group unanimously approved the minutes.

3. **Announcements:** The chair announced that he had approved, on the Board's behalf, an amendment to the schedule of the football team. Due to the rescheduling of the Purdue game, Friday, November 30, substitutes as a class-miss day for Friday, September 14. The chair announced approval of the schedule for women's lacrosse for Spring 2002. The chair announced the approval of Kathryn Lam, Alisa Moser, and Tina Fedarcy as captains of women's lacrosse.

4. **Search for new head football coach:** The chair asked Dr. Cullinan, as a representative of the president's office, to brief the group on the process leading to the hiring of George O'Leary as head football coach. Dr. Cullinan stated that the search began immediately upon the announcement that Coach Bob Davie would not return for the 2002 season. The strategy of Dr. White, who spearheaded the search, focused on "staying out of town" and away from media radar. Candidates comprised a small pool: they needed to be available in terms of their contractual obligations; they must have experience as a head football coach; and they must present a good fit for Notre Dame. The project involved high risk; once some contacts are made, other potential candidates fall away. A meeting of the advisory committee took place on Wednesday, December 5. Participating in that meeting, some through conference call, were Mr. Patrick McCartan; Mr. Al DeCrane; and Mr. David Duerson (all of the board of trustees); Fr. Malloy; Dr. Nathan Hatch; Fr. Timothy Scully; Fr. Poorman; Dr. Cullinan; Mr. Lou Nanni; Prof. Dutile; Ms. Sandy Barbour, of the Department of Athletics; and alumnus Jim Lynch. The advisory group received a full briefing on possible candidates, the work done so far, and the likely future of the search. The advisory group discussed various candidates in depth. As the week went on, the pool narrowed significantly. Another meeting of the advisory group took place on Friday, December 7. Again, a full discussion of candidates occurred. On Saturday, December 8, several members of the advisory group flew to Atlanta, Georgia, to meet with George O'Leary, then head football coach at Georgia Tech. Fr. Malloy met privately with Coach O'Leary. Following that meeting, members of the advisory group, some through conference call, discussed the head coaching position with Coach O'Leary. Following that meeting, Dr. Hatch, Mr. Daniel Saracino, assistant provost for enrollment, and Prof. Dutile met with Coach O'Leary to discuss in still greater depth the academic implications of serving as head football coach at Notre Dame. Upon the recommendation of Dr. White, and in light of the positive response of the advisory committee, Fr.

Malloy determined that the head football coaching position at Notre Dame should be offered to George O'Leary. An agreement between the university and Coach O'Leary was struck that very day.

Dr. Cullinan stressed the important role played in the search by senior staff in the Department of Athletics. The chair thanked Dr. Cullinan for his review of the process. The chair noted, for the record, that in meeting with Coach O'Leary the chair specifically alluded to all the principal regulations set out in the *FBA Manual*. Prof. Power added that he had been impressed by Coach O'Leary, although two incidents cited by the media gave concern. At this point, both Dr. Cullinan and Ms. Barbour addressed that concern. Prof. Borkowski asked for, and received, assurance that Coach O'Leary knew that academic advising at Notre Dame did not come under the aegis of the Department of Athletics. Prof. Barrett asked why, in light of principles of corporate governance and in further light of concerns raised by the Knight Commission, members of the board of trustees served on the advisory committee. Dr. Cullinan responded that such participation had also occurred in the search for a new head basketball coach. Although the advisory group participated in the "vetting" of candidates, Dr. White made the actual recommendation and Fr. Malloy the actual decision. It was also felt important to get the advice of former football players. Prof. Barrett asked whether the basketball-coach search was the first time that members of the board had been involved in such processes. Yes, at least to his knowledge, Dr. Cullinan responded. Ms. Patterson asked what Coach O'Leary's thoughts were on our schedule. Good teams play a tough schedule, Coach O'Leary had said. Prof. Borkowski stressed the importance of having some football players in each class whose SATs and other records equal those of the student body as a whole; this elevates the culture and, indeed, allows for a few risks on the lower end. Fr. Poorman urged that the quality of courses taken in high school, not just SAT scores, receive attention. Fr. Poorman noted with approval that Coach O'Leary is known as a disciplinarian. He allows no alcohol, enforces a curfew, and requires all athletes to live

on campus. Prof. Barrett asked about contractual obligations other than compensation. Ms. Conboy replied that Coach O'Leary's contract resembled those of other head coaches; these contracts stress academic performance, provide additional compensation for honors such as "coach of the year," and contain penalty clauses for NCAA violations. In response to a question posed by Prof. Barrett, Dr. Cullinan acknowledged the likelihood that Coach O'Leary, unlike past head coaches, would appear among the top-five most highly paid employees of the University and would therefore be included in the income listings published annually by the *Chronicle of Higher Education*. Prof. Borkowski asked whether a meeting between the Board and Coach O'Leary would be arranged. The chair responded affirmatively. Prof. Guiltinan suggested that such a meeting not take place until Coach O'Leary's staff had been determined; assistant coaches deal with many of the issues of interest to the Board. Ms. Conboy added that the Department of Athletics conducts a thorough orientation program for new coaches; the Board could be included in that process. Prof. Bender suggested, to the unanimous agreement of the group, that a resolution of welcome to Coach O'Leary be drafted by the chair. The chair agreed to do so.

5. Prospective basketball schedules:

Ms. Barbour presented the issue. During the 2002-03 academic year, the first official day for basketball contests will occur a full week later than this year. Accordingly, both the men's and women's basketball teams face the challenge of fitting the same number of non-conference contests into a period that is a full week shorter. The Big East Conference makes it difficult to schedule non-conference games during the second semester. Moreover, basketball coaches would like to allow their players to go home for at least a few days during Christmas break. The chair noted that the Board had granted him authority to "sign off" on schedules falling within current Board guidelines. Technically, one home game during the study period would not run afoul of the guidelines, which permit "limited non-conference competition." Nonetheless, because the Board has undertaken a review of study-day competition, he

brought this issue to the Board. Prof. Borkowski urged that the policy be "firmed up." Ms. Barbour noted that coaches understand that competition may not take place during the examination period. But if no competition takes place during study days, as well, a large gap with no competition ensues. At this point, the Board agreed that the men's basketball team and the women's basketball team should be allowed to schedule a contest during the study period of the fall, 2002, semester.

Prof. Barrett, chair of the subcommittee on student welfare, sought the "pulse of the group" on the general issue of play during study periods. Fr. Poorman indicated that he would write each such request to come before the Board; the Board should learn of the rationale for any such competition and of the efforts made to keep study days free. Prof. Mosley noted that she was comfortable with that arrangement. Indeed, if teams do not compete during that period, they do practice, and so therefore a rigid prohibition would be unwise. Prof. Leyerle stated her dislike of even practice during study days. Compulsory practice differs from voluntary workouts, which might be beneficial to students generally. In fact, she added, some teams use study days for intensive workouts. Ms. Conboy offered to survey coaches for their philosophy regarding practice during examination periods. Prof. Borkowski asked if exceptions had been made for other sports. The chair stated that the Board had approved a women's lacrosse game against Vanderbilt during the spring 2002 semester. Fr. Poorman, urging that Ms. Conboy survey coaches, noted that he would be disturbed if teams held intensive practices during study days. He added that an actual game implicates a long period of time: a meal together, pre-game warm-ups, the game itself, and the post game process. Ms. Conboy responded that practices could be longer than games if taping and other preparations are considered. The chair noted that it might be helpful to learn what other universities do in this regard.

6. Nine-credit-hour requirement for fifth-year students: As chair of the Board's subcommittee on academic integrity, Prof. Leyerle reported that one assistant dean recommends that the Board reconsider its policy requiring

nine credit hours for fifth-year student-athletes. That dean argues for parity between student-athletes and non-student-athletes, who are allowed to take only one credit. That dean reported on one student-athlete who, already having 14 credits more than needed to graduate, signed up for an additional nine credits. That student-athlete never attended class except for the particular one-credit course still needed for graduation. Realizing that the student-athlete's grade-point average would fall below the required 2.0 were the grade of F to ensue in those other courses, that dean agreed to allow the student-athlete to withdraw from all but that one course. Prof. Borkowski believed that the real mistake here was allowing the student-athlete to withdraw from those courses. Prof. Leyerle responded that the dean did not want to refuse graduation to a student who had 134 credits. The dean urges the Board to refuse an application carrying more than the required number of credits unless a proven commitment to a double major or a minor be shown; the colleges should do the academic advising, not the Board. The student-athlete had been advised last spring to drop the one-credit requirement. Prof. Mosley lamented the Board's lack of enforcement power. Would it be different if a bowl game were at stake? Prof. Power worried that a student-athlete might be getting preferential treatment in being allowed to withdraw that late in the semester. Dr. Halischak stated that her office played some role in advising, but that the student-athlete's academic advisor signed off on this plan. Indeed, Dr. Halischak conceded, the fifth year does not conform easily with other parts of the academic program; but the Board said it could "live with" this precise scenario. Although the Board has no authority over the dean's actions, that dean now understands the Board's perspective, Dr. Halischak added. In response to a question, Dr. Halischak noted that the requirement of a 2.0 GPA at midsemester for fifth-years no longer applies to undergraduate students; that change took place last year. Prof. Mosley asked whether the dean's radar screen would have shown such drops had they occurred during the appropriate drop-add period. Yes, Dr. Halischak responded. Prof. Borkowski observed

that the Board could say no to all fifth-years, absent a medical exception. The other extreme, allowing a student-athlete to take but one credit during the fifth year, really produces athletes, not students. There must, he emphasized, be a middle way. We could, added Fr. Poorman, identify such student-athletes earlier and stretch out the academic process for them. He thinks the nine-hour rule salutary; but its benefits must be communicated and then student-athletes must accept the consequences. We are treating these students differently; other students don't drop their courses in March. Prof. Leyerle agreed that the problem could disappear if student-athletes knew early on, perhaps during their sophomore or junior year, whether they would ultimately be invited back for a fifth year of competition. Are other committees discussing this? Communication does seem to be a problem. First-year students have said that coaches have promised them a fifth year, but then the office of academic services for student-athletes works to get them through in four years. Fr. Poorman reiterated that earlier commitments could allow a slower track for these student athletes; there might be some financial ramifications, but so be it. Prof. Thomas too agreed that coaches should commit to a fifth year early in a student-athlete's career. Ms. Conboy responded that coaches would not find that prospect attractive; they could end up with scholarships committed to athletes they no longer want. In response to a question concerning NCAA requirements in this regard, Ms. Barbour responded that the NCAA has no minimum number of hours for undergraduates completing their last semester; they need take only what is required to graduate. Once a student-athlete becomes a graduate student, then a minimum of nine hours applies. She thinks that the University's requirements should match the NCAA's. Prof. Thomas noted that football players in their fifth year drop unneeded courses when there is no bowl game; he feels such students should pay for the courses they dropped. Dr. Halischak reminded the Board that it has had difficulties forever with this rule; she recommends speaking with deans, coaches, and others who deal with it. Prof. Leyerle said that coaches do not like the policy because it affects their budgets. Moreover,

we cannot compel academic commitment. After all, our requirements already exceed those of the NCAA. At this point, Prof. Borkowski moved that the nine-credit requirement for fifth-years be maintained, but that the Board undertake to increase communication with coaches and players concerning the requirement's benefits. Fr. Poorman seconded the motion. Dr. Cullinan observed that, whatever rules the Board enacts, student-athletes will "figure it out." Prof. Bender urged that the policy be circulated to all deans and coaches and that their comments be solicited. The chair reminded the Board that two of its members have committed to drafting a rationale for the policy so that it might be circulated. The motion passed.

7. Report on exit interviews and other surveys of student-athletes graduating in 2001: On behalf of Bernard Muir, associate athletics director for student wellness and development, Ms. Conboy reported on the exit interviews that the department of athletics conducted with seniors graduating in May of 2001. These interviews involved 100 of 147 seniors. Seventy-nine percent placed their experience here in the "good" (or a higher) category. Seventy-six percent said that their head coach encouraged the academic enterprise. Eighty-seven percent called their experience with the office of academic services for student-athletes positive. Ninety-one percent found their overall academic experience good. Sixty-five percent indicated that they had had a positive experience with their rectors. Ms. Conboy noted that the department would take action based on items drawn from this survey and from the student-athlete support survey. Prof. Barrett, chair of the subcommittee on student welfare, informed the Board that the subcommittee had seen the report and had it under consideration.

8. Drug-testing policy: Prof. Barrett reported on his work with Notre Dame's ad hoc drug testing committee. That committee comprises five members: Sister Mary Louise Gude, C.S.C. (chair); Dr. James Moriarity; Dr. Patrick Utz; Mr. Bernard Muir; and Prof. Barrett himself. Prof. Barrett shared with the Board the letter of an outside consultant concluding that Notre Dame's present

policy meets or exceeds NCAA standards. Nonetheless, the consultant made four recommendations: 1) formalize reporting lines; 2) establish academic, not athletic, governance over the process; 3) conduct annual external reviews; and 4) expand drug education. Prof. Barrett stressed that the procedure primarily targets prevention and stands fully separate from NCAA policy. Ms. Barbour asked about the mandate of the committee. The committee, Prof. Barrett responded, was charged with assessing the overall drug-testing process and making recommendations to Fr. Poorman, who oversees health services at Notre Dame. Fr. Poorman found the current reporting lines to be "strange." Ms. Barbour agreed; the reporting line should not lead to the director of athletics. It would be better for the process to report to Dr. Cullinan, as the President's representative. Other parties have a conflict of interest. What are the sanctions for violations, Prof. Thomas asked. Prof. Barrett responded that the first offense requires a mandatory drug evaluation. In the case of steroids, the student-athlete must pass another test before returning to practice or competition. The second offense bans the student-athlete from competition forever. Ms. Conboy reminded the Board that Notre Dame's policy proves more lenient than that of the NCAA on the first offense, but more severe on the second.

9. **Adjournment:** The meeting was adjourned at 6:20 p.m.

Departmental Awards Received and Proposals Submitted

In the period January 1, 2002 to January 31, 2002.

Category	AWARDS RECEIVED		PROPOSALS SUBMITTED	
	No.	Amount	No.	Amount
Research	26	\$7,945,244	80	\$22,466,349
Instructional Programs	0	0	2	899,795
Other Programs	0	0	0	0
Total	26	\$7,945,244	82	\$23,366,144

FISCAL YEAR-TO-DATE CUMULATIVE

Category	AWARDS RECEIVED		PROPOSALS SUBMITTED	
	No.	Amount	No.	Amount
Research	229	\$29,235,558	423	\$146,142,288
Facilities and Equipment	0	0	0	0
Instructional Programs	8	1,159,905	7	4,663,018
Other Programs	1	24,497	0	0
Service Programs	0	0	0	0
Total	238	\$30,419,960	430	\$150,805,306

*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

In the period January 1, 2002, through January 31, 2002

Awards for Research:

Aerospace and Mechanical Engineering

Thomas, Flint O.; Corke, Thomas C.

Enhanced Design of Turbo-Jet LPT by Separation Control
Using Phased Plasma Actuators

National Aeronautics and Space Administration

\$99,982 36 months

Thomas, Flint O.; Corke, Thomas C.

Acoustic Source Modelling and Control for High By-Pass Jet
Engines

National Aeronautics and Space Administration

\$70,000 12 months

Jumper, Eric John

Fluid-Optic Interactions III

Department of the Air Force

\$55,250 36 months

Mueller, Thomas J.

An Experimental Study of Trailing Edge Noise

Department of Navy

\$27,451 24 months

Mueller, Thomas J.

Development of Experimental Inversion and Simulation
Techniques to Study Propeller Blade Response to Inflow
Distortions

Department of Navy

\$19,139 15 months

Thomas, Flint O.; Nelson, Robert C.

Turbulent Wake Development in Pressure Gradient

National Aeronautics and Space Administration

\$26,717 12 months

Biological Sciences

Johnson, Alan L.

Cellular Determinants of Differentiation versus Apoptosis in
Avian Granulosa Cells

National Science Foundation

\$130,900 36 months

Tank, Jennifer L.

Nitrate Uptake and Retention in Streams: Mechanisms and
Effects of Human Disturbances from Stream Reaches to
Landscapes

University of Tennessee-Knoxville

\$217,549 60 months

Vaughan, Kevin T.

Visual Cell, Pigment Cell Interface and Disk Turnover

Medical College of Wisconsin

\$29,680 12 months

Chemical Engineering

McGinn, Paul J.

Combinatorial Investigation of Diesel Soot Combustion

American Chemical Society

\$80,000 32 months

Chemistry and Biochemistry

Fehlner, Thomas P.

Systematic Metallaborane Chemistry

National Science Foundation

\$140,000 36 months

Gezelter, J.D.

CAREER: Dynamics of Model Biological Membranes and
Glass Formation in Liquid Metals

National Science Foundation

\$450,000 60 months

Jacobs, Dennis C.

Dynamics of Plasma/Surface Interactions

Department of the Air Force

\$116,000 18 months

Carmichael, Ian C.; Ferraudi, Guillermo; Helman,

W. Phillip; Kamat, Prashant; Schuler, Robert H.;

Madden, Keith P.; Asmus, Klaus-Dieter; LaVerne,

Jay A.; Guldi, Dirk; Fessenden, Richard W.; Hug,

Gordon L.; Chipman, Daniel M.; Tripathi,

Gorakh Nath R.; Bentley, John J.; Pimblott, Simon M.;

Meisel, Dan

Radiation and Photochemistry in Condensed Phase

Department of Energy

\$3,670,000 36 months

Miller, Marvin J.

Drugs and Delivery Systems for Opportunistic Infections

National Institutes of Health

\$303,270 12 months

Taylor, Richard Edmund

Conformation-Activity Relationships

National Institutes of Health

\$167,250

24 months

Computer Science and Engineering**Izaguirre, Jesus A.**CAREER: Scalable Mathematical and Computational Models
for Biomolecular Modeling

National Science Foundation

\$118,510

60 months

Electrical Engineering**Fay, Patrick J.**

High Speed InP OEIC

MicroLink Devices

\$20,000

9 months

**Fay, Patrick J.; Bunker, Bruce A.; Kosel, Thomas H.;
Hall, Douglas C.; Snider, Gregory L.**Electronic Properties and Device Applications of III-V
Compound Semiconductor Native Oxides

Department of the Air Force

\$243,536

19 months

Antsaklis, Panos J.; Lemmon, Michael D.

Supervisory Control of Networked Control Systems

Department of Army

\$42,825

16 months

Snider, Gregory L.; Seabaugh, Alan C.

Tunnel Diode IC

Semiconductor Research Corporation

\$99,000

27 months

Seabaugh, Alan C.Analysis of Strain-Induced-Performance-Enhancement in
Advanced Mosfets

Belford Research, Inc.

\$25,538

24 months

Government and International Studies**Mainwaring, Scott P.**Description of Latin American and Iberian Studies at Indiana
University and the University of Notre Dame

Tinker Foundation

\$5,000

24 months

Mainwaring, Scott P.

Service to Education in Latin America

The Coca Cola Foundation

\$1,000,000

60 months

Physics**Barabási, Albert-László**

The Topologic Properties of Metabolic Networks

National Institutes of Health

\$528,708

36 months

Psychology**Cummings, E. Mark**

Marital Conflict Resolution and Child Development

National Institutes of Health

\$258,939

24 months

Proposals Submitted

In the period January 1, 2002, through January 31, 2002

Proposals for Research:**Aerospace and Mechanical Engineering****Corke, Thomas C.**Controlled Experiments on Instabilities and Transition to
Turbulence on Elliptic Cones at Hypersonic Mach
Numbers

National Aeronautics and Space Administration

\$24,000

12 months

Nelson, Robert C.

Indiana Space Grant Projects at Notre Dame

Purdue University

\$40,000

12 months

Renaud, John E.Optimized Unmanned Aerial Vehicle with Wing Morphing for
Extended Range and Reliability

National Aeronautics and Space Administration

\$72,000

12 months

Schmid, Steven R.Enhanced Tribology Module for Modeling Friction and Heat
Transfer

Concurrent Technologies Corporation

\$35,000

6 months

Anthropology**Downey, Gregory J.**

An Apprenticeship in Cunning: Learning Capoeira, an Afro-Brazilian Art

University of Texas

\$40,000

9 months

Downey, Gregory J.

An Apprenticeship in Cunning: Learning Capoeira, an Afro-Brazilian Art

Institute for American Cultures

\$36,000

9 months

Biological Sciences**Belovsky, Gary E.**

Lter Luquillo Experimental Forest

University of Puerto Rico

\$55,944

48 months

Boyd, Sunny K.

Neuropeptide Modulation of a Vocal Motor Pathway

National Science Foundation

\$348,903

36 months

Bridgham, Scott D.; Laursen, Andrew E.; Kulpa, Charles F.

REU Supplement - CAREER: Multiple Environmental Gradients Structuring Peatland Communities

National Science Foundation

\$11,850

3 months

Bridgham, Scott D.

REU Supplement - Carbon and Energy Flow and Plant Community Response to Climate Change in Peatlands

National Science Foundation

\$5,500

3 months

Bridgham, Scott D.

Microbial Controls over Ecosystem Function: Anaerobic Carbon Cycling in Peatlands

National Science Foundation

\$856,640

48 months

Duman, John G.

Structure/Function Studies of Antifreeze Proteins and their Enhancers from the Beetle *Dendriodes canadensis*

National Science Foundation

\$477,528

36 months

Feder, Jeffrey L.

Bioluminescence Color in Pyrophorus Click Beetles: Testing for Natural Selection

National Science Foundation

\$339,072

36 months

Hager, Kristin M.

Towards Understanding Membrane Trafficking in Toxoplasma

National Institutes of Health

\$292,150

12 months

Lamberti, Gary A.; Lodge, David M.; Brennecke, Joan F.

Environmental Risk Assessments for the Great Lakes

National Oceanic and Atmospheric Administration

\$2,000,000

36 months

Lodge, David M.; Lamberti, Gary A.

Biocomplexity-Incubation Activity: Risk Assessment of Nonindigenous Species (REU Supplement)

National Science Foundation

\$11,680

6 months

Lodge, David M.

Ecological Forecasting

National Science Foundation

\$2,989,645

60 months

McKee, Edward E.

Mitochondrial Uptake and Metabolism of Nucleoside Analog Reverse Transcriptase Inhibitors and Mitochondrial Toxicity

I.U. School Medicine

\$214,500

36 months

McKee, Edward E.

Mitochondrial Transport and Metabolism of Nucleoside Analogs

I.U. School Medicine

\$110,000

24 months

Olson, Kenneth R.

Developing a Non-Mammalian Model for the Study of Hypoxic Vasoconstriction

I.U. School Medicine

\$70,000

24 months

Shay, Neil F.

The Use of Soybean Isoflavones in Treating Type 2 Diabetes Mellitus: A Molecular and Cellular Approach

Southern Illinois University

\$40,000

24 months

Shay, Neil F.

The Effect of Soy Extract on Lipid-Related Gene Expression
 American Heart Association
 \$49,000 24 months

Shay, Neil F.

An In-Vivo Approach Examining Interactions Between Soy
 Protein Intake and
 Cholesterol-Lowering Drugs
 American Heart Association National Center
 \$214,500 36 months

Vaughan, Kevin T.

Regulation of Cytoplasmic Dynein Function During Platelet
 Activation
 American Heart Association
 \$49,000 24 months

Vihtelic, Thomas S.

Development of Wild-Type and Mutant Zebrafish Lens
 National Institutes of Health
 \$259,875 12 months

Chemical Engineering**Brennecke, Joan F.**

Tuning the Solvent Strength of Ionic Liquids and Ionic
 Liquid-Supercritical Carbon Dioxide Solutions
 American Chemical Society
 \$120,000 38 months

Hill, Davide A.

Theoretical Study of Structure and Dynamics in Particle-
 Liquid Crystal Dispersions
 American Chemical Society
 \$120,000 37 months

Miller, Albert E.

Collaborative Research: Nonlithographic Fabrication of
 Quantum Wire Heterostructures
 West Virginia University
 \$239,453 36 months

Miller, Albert E.

Quantum Wire Infrared Photo Detectors
 West Virginia University
 \$75,000 9 months

Miller, Albert E.

Nonlithographic Nanowire Photonic Devices
 West Virginia University
 \$758,865 48 months

Chemistry and Biochemistry**Baker, Brian M.**

Physical Basis for T Cell Receptor Binding and Activity
 National Institutes of Health
 \$328,177 12 months

Brown, Seth N.

New Modes of Carbon-Nitrogen and Carbon-Carbon Bond
 Formation Using Metal Nitride and Carbyne Complexes
 National Science Foundation
 \$427,235 36 months

Clark, Patricia L.

Role of the Ribosome in Cotranslational Protein Folding
 National Institutes of Health
 \$254,540 12 months

Hartland, Gregory V.

Spectroscopy and Dynamics of Metallic Nanoparticles and
 Nanorods
 National Science Foundation
 \$321,985 36 months
 Chemistry and Biochemistry

Helquist, Paul; Wiest, Olaf G.

Chiral Ligand Design for Enantioselective Reactions
 National Institutes of Health
 \$309,875 12 months

Nowak, Thomas

Subunit-Subunit Interactions as the Basis of the Regulation of
 Pyruvate Kinase Activity
 American Heart Association
 \$110,000 24 months

Nowak, Thomas

Subunit-Subunit Interactions as the Basis of the Regulation of
 Pyruvate Kinase Activity
 American Heart Association
 \$214,500 36 months

Ploplis, Victoria A.

Pathological Consequences of the Plasminogen System
 National Institutes of Health
 \$253,734 12 months

Prorok, MaryFrances E.

Peptide Modulation of the NMDA Receptor

National Institutes of Health

\$244,792

12 months

Fay, Patrick J.

High Power InGaP PHEMT's

MicroLink Devices

\$20,000

6 months

Taylor, Richard E.

Myriaporones: Synthetic and Biological Studies

National Institutes of Health

\$177,803

12 months

Fay, Patrick J.

High Speed InP DHBT

MicroLink Devices

\$20,000

6 months

Civil Engineering and Geological Sciences**Neal, Clive R.; Jain, Jinesh C.**

Acquisition of a High-Resolution, Magnetic Sector ICP-MS

Facility for Notre Dame

National Science Foundation

\$486,188

24 months

Haenggi, Martin

The Role of Feedback in Wireless Networks

Oak Ridge Associated Universities

\$5,000

12 months

Haenggi, Martin

Stochastic Optimization of Dynamic Wireless Networks

National Science Foundation

\$259,841

36 months

Neal, Clive R.; Kulpa, Charles F.

Platinum-Group Element Pollution from Automobile

Catalytic Converters: Investigation of Accumulation and Transport Processes

American Chemical Society

\$120,000

39 months

Hall, Douglas C.

High-Efficiency, Monolithic Active-to-Passive Waveguide-to-Fiber Couplers

Vega Wave Systems, Inc.

\$20,000

6 months

Dean - College of Arts and Letters**English****Garcia, Kenneth N.**

The Love of Learning and the Desire for God: Fostering the

Theological Dimension of Academic Inquiry

Lilly Endowment, Inc.

\$1,343,700

36 months

Baldwin, Kate A.

Authenticating Nations: Cultural Fictions of Soviet and

American Women during the Cold War

International Center for Advanced Studies

\$35,000

9 months

Electrical Engineering**Freimann Animal Care Facility****Bernstein, Gary H.; Fay, Patrick J.**

Quilt Packaging: A Novel Chip-to-Chip Interconnect

Approach Using Deep Reactive Ion Etching

and Plating of Chip Edge Connectors

Semiconductor Research Corporation

\$131,616

12 months

Suckow, Mark A.

In Vivo Evaluation of a Porcine-Derived Biomaterial

Cook Biotech, Inc.

\$15,338

12 months

Government and International Studies**Collins, Oliver M.**

New Approaches to Digital/Analog Conversion

National Science Foundation

\$378,025

36 months

Dowty, Alan K.

Doctoral Dissertation Research Improvement Grant in

Political Science: Shouldering the State Security Burden...

National Science Foundation

\$12,380

12 months

Collins, Oliver M.

Acquisition of High Speed Mixed Signal Test Equipment

National Science Foundation

\$339,110

36 months

History**Beatty, Edward N.**

The Origins and Determinants of Technological Change in
Late Nineteenth Century Mexico
National Science Foundation
\$134,244 24 months

Bederman, Gail

Engendering Neo-Malthusianism: Contraception, Free Love,
and Political Theory in England and the United States,
1793-1831
Columbia University
\$35,000 9 months

Bederman, Gail

Engendering Neo-Malthusianism: Contraception, Free Love,
and Political Theory, 1793-1831
Vanderbilt University
\$35,000 9 months

Jaksic, Ivan A.

The Strange Fascination of Things Spanish
Massachusetts Historical Society
\$30,000 5 months

Mendelson Center for Sport, Character, and Culture**Shields, David L.; Power, F.C.; Bredemeier, Brenda L.**

Character Development in Youth Sports
National Science Foundation
\$610,219 36 months

Natl. Cons. for Grad. Degrees for Minorities, Engr. and Science**Johnson, Sandra D.**

MARC-Ancillary Training Activities Grant
National Institutes of Health
\$173,069 12 months

Physics**Aprahamian, Ani**

Studies of Exotic Nuclei
Department of Energy
\$3,047,059 48 months

Glazier, James A.

Comparative Study of Morphogenesis at 1 g and at Simulated
Microgravity
University of Missouri
\$209,671 36 months

Hildreth, Michael D.

Development of Trigger Systems for Higgs Searches at the
DZero Experiment
Boston University
\$333,419 36 months

Ruchti, Randal C.

Waveshifters and Scintillators for Ionizing Radiation
Detection
Ludlum Measurements, Inc.
\$32,000 7 months

Program of Liberal Studies**Sloan, Phillip R.**

Doctoral Dissertation Research: The Vestiges of Creation
and Pre-Darwinian Evolutionary Debates in America
National Science Foundation
\$8,000 12 months

Psychology

**Boker, Steven M.; Maxwell, Scott E.; Schuster, Christof;
Wenger, Michael J.; Yuan, Ke-Hai; Bergeman, Cindy S.**
Conference and Workshop: Dynamical Systems Data Analysis
National Institutes of Health
\$18,650 1 months

Carlson, Laura A.; West, Robert L.; Eberhard, Kathleen M.

Using Spatial Language
National Science Foundation
\$289,642 36 months

Corning, Alexandra F.

Therapy Adherence in the Treatment of Mental Disorders
National Institutes of Health
\$74,250 12 months

Smith, David A.

Depression and Marriage-Related Mood Fluctuations
National Institutes of Health
\$74,250 12 months

Wenger, Michael J.

Dynamic Models for Latency-Accuracy Relations in Memory
National Institutes of Health
\$68,187 12 months

Wenger, Michael J.

Perceptual Processes, Evidence, and Configurality
Indiana University Bloomington
\$186,742 36 months

Radiation Laboratory**Kamat, Prashant V.**

Photoinduced Charge Separation in Molecular-Metal
Nanoassemblies

Department of Energy

\$596,103

36 months

Sociology**Sikkink, David H.**

Religious Schooling and Democratic Citizenship

University of Virginia

\$35,000

9 months

Theology**Baxter, Michael J.**

The Other City: A Critique of the Americanist Tradition in
Catholic Social Ethics

Association of Theological Schools

\$25,000

12 months

Baxter, Michael J.

The Other City: A Critique of the Americanist Tradition in
Catholic Social Ethics

Association of Theological Schools

\$43,400

12 months

O'Regan, Cyril J.

Deranging Narrative: Romanticism and its Gnostic Limit

Association of Theological Schools

\$25,000

12 months

O'Regan, Cyril J.

Deranging Narrative: Romanticism and its Gnostic Limit

Association of Theological Schools

\$65,000

12 months

Whitmore, Todd D.

Teaching and Learning Practical Reasoning at Catholic
Colleges and Universities

Association of Theological Schools

\$25,000

9 months

Walther Cancer Institute**Wilberding, Julie A.**

The Role of Fibrinogen in Atherosclerosis and Pulmonary
Fibrosis

American Heart Association

\$247,500

36 months

Wilberding, Julie A.

The Role of Fibrinogen in Atherosclerosis and Pulmonary
Fibrosis

American Heart Association

\$260,000

36 months

Proposals for Instructional Programs:

Natl. Cons. for Grad. Degrees for Minorities, Engr. and Science

Johnson, Saundra D.

GEM/NSF Faculty Enhancement Project

National Science Foundation

\$859,795

60 months

Johnson, Saundra D.

EPA Graduate Student Project

Environmental Protection Agency

\$40,000

12 months

Centers and Institutes Awards Received and Proposals Submitted

In the period January 1, 2002 to January 31, 2002.

Department or Office	AWARDS RECEIVED		PROPOSALS SUBMITTED	
	No.	Amount	No.	Amount
Alliance for Catholic Education	0	0	0	0
Center for Environmental Science and Technology	0	0	2	976,640
Center for Flow Physics and Control	6	298,539	1	24,000
Center for Molecularly Engineered Materials	0	0	2	314,453
Center for Orphan Drug Development	0	0	0	0
Center for Transgene Research	0	0	2	498,526
Center for Tropical Disease Research and Training	0	0	0	0
Environmental Research Center	0	0	0	0
Freimann Life Science Center	0	0	1	15,338
Institute for Latino Studies	0	0	0	0
Kellogg Institute for International Studies	2	1,005,000	0	0
Laboratory for Image and Signal Analysis	0	0	0	0
Mendelson Center for Sport, Character, and Culture	0	0	1	610,219
Nano Science and Technology Center	2	342,536	1	131,616
Radiation Laboratory	1	3,670,000	1	596,103
South Bend Center for Medical Education	0	0	3	394,500
Walther Cancer Institute	0	0	2	507,500
Total	11	\$5,316,075	16	\$4,068,895

FISCAL YEAR-TO-DATE CUMULATIVE

Category	AWARDS RECEIVED		PROPOSALS SUBMITTED	
	No.	Amount	No.	Amount
Alliance for Catholic Education	4	\$268,583	1	\$ 55,000
Center for Astrophysics	3	31,980	2	585,395
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	1	27,500	6	3,245,333
Center for Orphan Drug Development	1	20,000	0	0
Center for Transgene Research	3	940,875	3	758,765
Center for Tropical Disease Research and Training	3	516,678	2	77,519
Environmental Research Center	1	41,500	0	0
Freimann Life Science Center	2	16,500	6	666,912
Higgins Labor Research Center	1	98,911	0	0
Institute for Educational Initiatives	1	3,083	0	0
Institute for Latino Studies	4	2,204,913	2	299,512
John A. Kaneb Center for Teaching and Learning	1	46,100	0	0
Kellogg Institute for International Studies	6	1,215,780	2	279,706
Keough Institute for Irish Studies	1	39,000	0	0
Laboratory for Image and Signal Analysis	0	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	7	608,179	9	4,703,299
Radiation Laboratory	3	3,931,615	2	646,342
Robinson Community Learning Center	0	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	0	4	1,613,675
Total	63	\$11,680,371	63	\$34,931,563

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

In the period January 1, 2002, through January 31, 2002

Awards for Research:

Center for Flow Physics and Control

Thomas, Flint O.; Corke, Thomas C.

Acoustic Source Modelling and Control for High By-Pass Jet Engines
National Aeronautics and Space Administration
\$70,000 12 months

Mueller, Thomas J.

An Experimental Study of Trailing Edge Noise
Department of Navy
\$27,451 24 months

Jumper, Eric John

Fluid-Optic Interactions III
Department of the Air Force
\$55,250 36 months

Thomas, Flint O.; Nelson, Robert C.

Turbulent Wake Development in Pressure Gradient
National Aeronautics and Space Administration
\$26,717 12 months

Thomas, Flint O.; Corke, Thomas C.

Enhanced Design of Turbo-Jet LPT by Separation Control Using Phased Plasma Actuators
National Aeronautics and Space Administration
\$99,982 36 months

Mueller, Thomas J.

Development of Experimental Inversion and Simulation Techniques to Study Propeller Blade Response to Inflow Distortions
Department of Navy
\$19,139 15 months

Kellogg Institute for International Studies

Mainwaring, Scott P.

Service to Education in Latin America
The Coca Cola Foundation
\$1,000,000 60 months

Mainwaring, Scott P.

Description of Latin American and Iberian Studies at Indiana University and the University of Notre Dame
Tinker Foundation
\$5,000 24 months

Nano Science and Technology Center

Fay, Patrick J.; Bunker, Bruce A.; Kosel, Thomas H.; Hall, Douglas C.; Snider, Gregory L.

Electronic Properties and Device Applications of III-V Compound Semiconductor Native Oxides
Department of the Air Force
\$243,536 19 months

Snider, Gregory L.; Seabaugh, Alan C.

Tunnel Diode IC
Semiconductor Research Corporation
\$99,000 27 months

Radiation Laboratory

Carmichael, Ian C.; Ferraudi, Guillermo; Helman, W. Phillip; Kamat, Prashant; Schuler, Robert H.; Madden, Keith P.; Asmus, Klaus-Dieter; LaVerne, Jay A.; Guldi, Dirk; Fessenden, Richard W.; Hug, Gordon L.; Chipman, Daniel M.; Tripathi, Gorakh Nath R.; Bentley, John J.; Pimblott, Simon M.; Meisel, Dan

Radiation and Photochemistry in Condensed Phase
Department of Energy
\$3,670,000 36 months

Proposals Submitted

In the period January 1, 2002, through January 31, 2002

Proposals for Research:

Center for Environmental Science and Technology

Bridgham, Scott D.; Laursen, Andrew E.; Kulpa, Charles F.

Microbial Controls over Ecosystem Function: Anaerobic Carbon Cycling in Peatlands
National Science Foundation
\$856,640 48 months

Neal, Clive R.; Kulpa, Charles F.

Platinum-Group Element Pollution from Automobile
Catalytic Converters: Investigation of Accumulation and
Transport Processes

American Chemical Society

\$120,000

39 months

Center for Flow Physics and Control**Corke, Thomas C.**

Controlled Experiments on Instabilities and Transition to
Turbulence on Elliptic Cones at Hypersonic Mach
Numbers

National Aeronautics and Space Administration

\$24,000

12 months

Center for Molecularly Engineered Materials**Miller, Albert E.**

Collaborative Research: Nonlithographic Fabrication of
Quantum Wire Heterostructures

West Virginia University

\$239,453

36 months

Miller, Albert E.

Quantum Wire Infrared Photo Detectors

West Virginia University

\$75,000

9 months

Center for Transgene Research**Prorok, MaryFrances E.**

Peptide Modulation of the NMDA Receptor

National Institutes of Health

\$244,792

12 months

Ploplis, Victoria A.

Pathological Consequences of the Plasminogen System

National Institutes of Health

\$253,734

12 months

Freimann Life Science Center**Suckow, Mark A.**

In-Vivo Evaluation of a Porcine-Derived Biomaterial

Cook Biotech, Inc.

\$15,338

12 months

Mendelson Center for Sport, Character, and Culture**Shields, David L.; Power, F.C.; Bredemeier, Brenda L.**

Character Development in Youth Sports

National Science Foundation

\$610,219

36 months

Nano Science and Technology Center**Bernstein, Gary H.; Fay, Patrick J.**

Quilt Packaging: A Novel Chip-to-Chip Interconnect
Approach Using Deep Reactive Ion Etching and Plating of
Chip Edge Connectors

Semiconductor Research Corporation

\$131,616

12 months

Radiation Laboratory**Kamat, Prashant V.**

Photoinduced Charge Separation in Molecular-Metal
Nanoassemblies

Department of Energy

\$596,103

36 months

South Bend Center for Medical Education**Olson, Kenneth R.**

Developing a Non-Mammalian Model for the Study of
Hypoxic Vasoconstriction

I.U. School Medicine

\$70,000

24 months

McKee, Edward E.

Mitochondrial Transport and Metabolism of Nucleoside
Analogues

I.U. School Medicine

\$110,000

24 months

McKee, Edward E.

Mitochondrial Uptake and Metabolism of Nucleoside Analog
Reverse Transcriptase Inhibitors and Mitochondrial
Toxicity

I.U. School Medicine

\$214,500

36 months

Walther Cancer Institute**Wilberding, Julie A.**

The Role of Fibrinogen in Atherosclerosis and Pulmonary
Fibrosis

American Heart Association

\$247,500

36 months

Wilberding, Julie A.

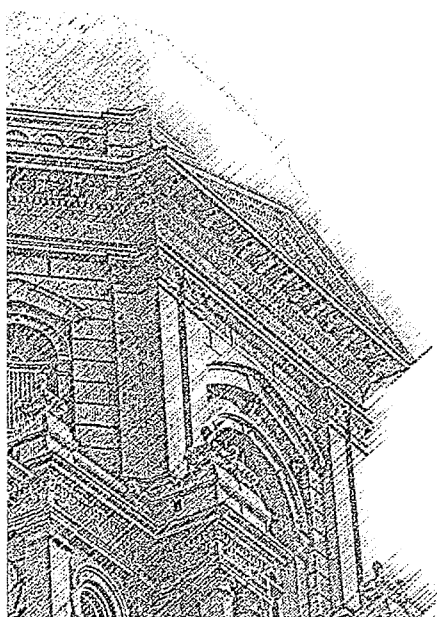
The Role of Fibrinogen in Atherosclerosis and Pulmonary
Fibrosis

American Heart Association

\$260,000

36 months

Notre Dame Report



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