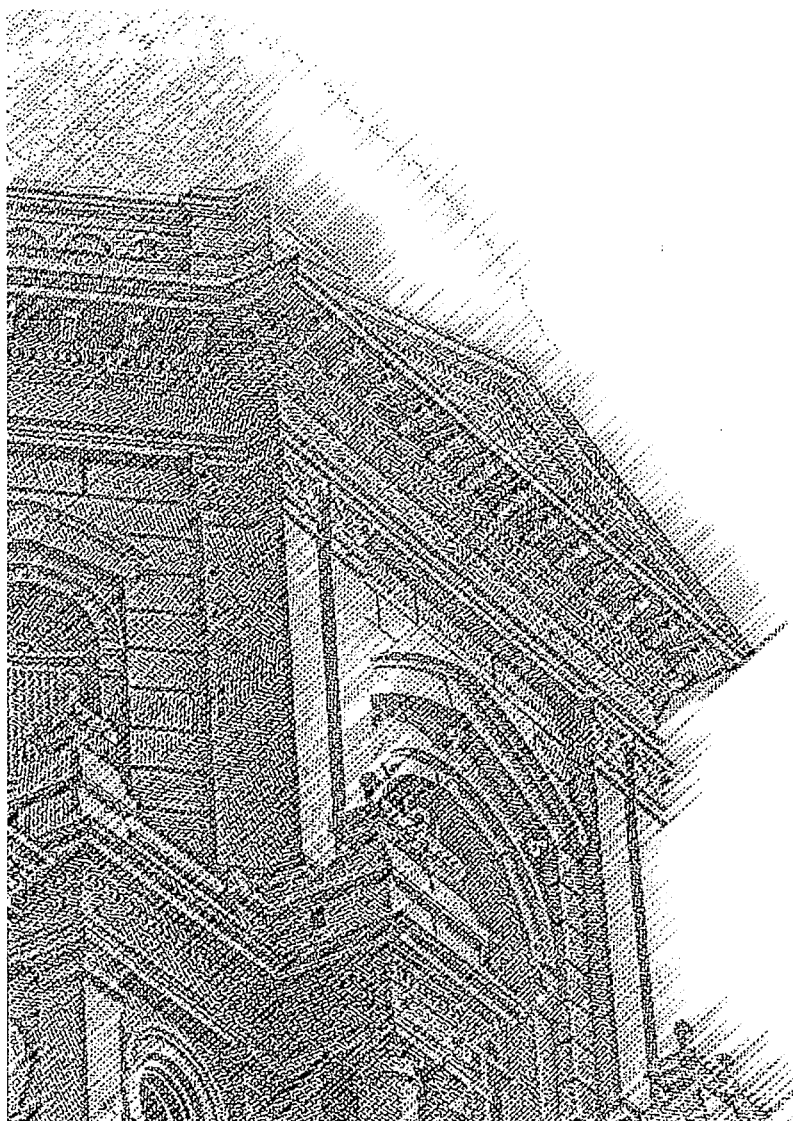


Notre Dame Report



Faculty Notes

- 5-141 .. Honors
- 5-142 . Activities
- 5-145 . Publications

Administrators' Notes

- 5-149 . Appointments
- 5-149 . Publications

Documentation

- 5-150 . Affirmative Action Committee
Annual Report
- 5-163 . University Committee on Libraries
(May 10, 2001)
- 5-163 . University Committee on Libraries
(August 30, 2001)

Research

- 5-165 . Departmental Awards Received
and Proposals Submitted
- 5-166 . Awards Received:
- 5-168 . Proposals Submitted
- 5-171 .. Centers and Institutes
Awards Received and Proposals
Submitted
- 5-172 . Awards Received
- 5-172 . Proposals Submitted

NOTE: Issue 5 is being published ahead of issue 4, the traditional listing of University administration and faculty, in order to keep to the original schedule as much as possible. Issue 4 is being compiled and will be printed as soon as possible.

O C T O B E R 2 6 , 2 0 0 1

N U M B E R 5

Faculty Notes

Honors

Francis J. Castellino, Kleiderer-Pezold Professor of Biochemistry and dean, College of Science, was designated a fellow of the American Heart Association and the Council on Arteriosclerosis, Thrombosis and Vascular Biology, July 1.

Mary D'Angelo, associate professor of theology, was elected to the Board of Trustees of the Catholic Biblical Association.

Fred Dallmayer, Dee Professor of government and philosophy, Nanovic Institute fellow, Kellogg Institute fellow, and Kroc Institute fellow, was elected to the executive board of the Society for Asian and Comparative Philosophy.

Bernard Doering, professor emeritus of Romance languages and literatures, was awarded the Maritain Excellence in Scholarship Award at the 2001 meeting of the American Maritain Association at Boca Raton, Fla., Oct. 18-25.

Glen Dowell, assistant professor of management, received, together with coauthors S. Hart and B. Yeung, the 2001 Moskowitz Prize for research in the area of socially responsible investing. The prize was awarded for the paper "Do Corporate Global Environmental Standards Create or Destroy Market Value?" The article appeared in *Management Science* 46 (Aug 2000): 1059-1074.

Jeremy B. Fein, associate professor of civil engineering and geological sciences, was elected to a three-year term as secretary of the Geochemical Society, beginning in January, 2002.

Jinesh C Jain, assistant professional specialist in civil engineering and geological sciences, was invited by Industrial Service Group of California to become a member of the Science Advisory Board of ISG.

Richard Jensen, chair and professor of economics, concurrent professor of finance and business economics, and Kellogg Institute fellow, was reappointed to a two-year term as associate editor of the *Southern Economic Journal*.

Ahsan Kareem, Moran Professor and chair, Department of Civil Engineering and Geological Sciences, was appointed chair of the Tall Buildings Committee of the Structural Engineering Institute, American Society of Engineers.

Barry Keating, professor of finance, received a \$2,000 grant from the American Association of Blood Banks for his study of the advanced blood supply and demand forecasting in collaboration with the National Blood Data Resource Center, in July.

David C. Leege, professor of government and international studies, was honored by the Section on Religion and Politics, American Political Science Association, for "bringing research on religion and politics into the mainstream of the discipline."

James L. Merz, Freimann Professor of Electrical Engineering, was selected to receive the Alexander von Humboldt Research Award for senior U.S. scientists.

Kathleen Pyne, associate professor of art history and director of the Program in Gender Studies, has been awarded a fellowship at the Research Center for American Modernism, Georgia O'Keeffe Museum, Santa Fe, N. Mex., for the period September 2001 through June 2002.

Randall Ruchti, professor of physics, and **Barry Baumbaugh**, professional specialist in physics, invented and built a cosmic ray particle detector, which will be displayed in a new permanent exhibit hall at the Smithsonian Institution's National Air and Space Museum in Washington, D.C.

John F. Sherman, associate professional specialist in art, art history, and design, has been named an Apple Distinguished Educator for the academic year 2001-2002. Apple Distinguished Educators are a select group of K-12 and higher education educators who exemplify best practices in the classroom. Sherman is one of 14 professors named nationally from higher education in the arts, sciences, and other disciplines.

Steve Tomasula, assistant professional specialist in English, received the Iowa Prize Award for the most distinctive work of fiction or poetry published in the *Iowa Review* during the year 2000.

Raimo Väyrynen, professor of government and international studies and Kroc Institute fellow, has been invited to become a member of the editorial board of *Peace and Conflict Studies* (published by George Mason Univ.).

William L. Wilkie, Nathe Professor of Marketing, was named the recipient of the American Marketing Association Irwin Distinguished Marketing Educator Award, recognizing his leadership in marketing education and extensive and sustained contributions to marketing education over a long period of time.

Samir Younés, associate professor of architecture and director of Rome Studies, has been appointed a member of the Board of Regents of the Marymount International School, Rome.

Activities

J. Douglas Archer, associate librarian, participated in an "Internet Filtering Panel" with M. Roblee of the Indiana State Library and C.J. Ozinga, director of the Elkhart Public Library, during the Indiana Library Federation District 2 Fall Conference in Kokomo, Sept. 26; and presented "Filtering Facts and Fallacies" at the Indiana Library Federation District 1 Fall Conference at the Univ. of Notre Dame's McKenna Center, Oct. 2.

Hafiz M. Atassi, Hank Professor of Mechanical Engineering, Dept. of Aerospace and Mechanical Engineering, presented "Stability and Propagation of Disturbances in Swirling Flows" at Johns Hopkins Univ., Sept. 20.

David Aune, professor of theology, gave an illustrated lecture on "Picturing the Apocalypse: Interpreting the Illustrations of the Apocalypse of John from the Middle Ages to the Reformation" as the Sister Josetta Butler, R.S.M. Memorial Lecture at Saint Xavier Univ., Chicago, on Oct. 4.

Harvey A. Bender, professor of biological sciences, attended and participated in the Carnegie Academy for the Scholarship of Teaching and Learning (CASTL) Sessions—June Residency, in Menlo Park, Calif., June 10–23.

Ikaros I. Bigi, professor of physics, presented "Microscopic Violation of Time Reversal Invariance and the Cathedral Builders' Paradigm" at UTEV, Fermilab, Batavia, Ill., Mar. 15, and at Iowa State Univ, Ames, April 23; gave the High Energy Physics Seminar "Heavy Quark Expansions and Quark Hadron Duality" at Brookhaven National Laboratory, Upton, N.Y., May 9; gave the invited lecture "Charm Physics—like Botticelli in the Sistine Chapel" at the international conference "KAON'01," Pisa, Italy, June 14; gave the High Energy Physics Seminars "On the Status of the Standard Model Paradigm" and "On the Future of Charm and Beauty Physics" at the Univ. of Milano I, Italy, June 19–20.

Lisa Bognar, chemical safety specialist, participated in a panel discussion at the Academy of Certified Hazardous Materials Managers (ACHMM) Certification Congress, Chicago, Aug. 20.

Scott D. Bridgham, associate professor of biological sciences, presented "The Carbon Balance of Bags and Fens in a Manipulative Climate Change Experiment" at Duke Univ., Durham, N.C., June 17–21.

Jianguo Cao, professor of mathematics, presented invited lectures: "Harmonic Functions on Open Manifolds with Big Ends" and "Harmonic Forms and Euler Numbers of Manifolds with Non-positive Curvature Harmonic Functions on Open Manifolds with Big Ends" at the National Center for Theoretical Sciences, National TsingHua Univ., Taiwan, May 30; "An Inverse Problem for Surfaces of Finite Area" at the National Taiwan University, June 4; "Gromov's Minimal Volume Conjecture" at the Institute of Mathematics, Academic Sinica, Taiwan, June 7; and "Compact Manifolds with Non-positive Curvature and Small Volume" and "Homotopy Rigidity of Abelian Structure on Compact Manifolds with Non-positive Curvature" at the National Center for Theoretical Sciences, National TsingHua Univ., Taiwan, June 13.

William Carbonaro, assistant professor of sociology and Institute for Educational Initiatives fellow, presented "Explaining Cross-National Differences in the Skills-Earnings Relationship: Contextual Effects of Occupations" at the

August meetings of the Research Committee 28 of the International Sociological Association, Berkeley; and "School Policies and the Track Placement Process: A Multilevel Analysis" at the annual meetings of the American Sociological Association, Anaheim, Calif., in August.

Paul M. Cobb, assistant professor of history and fellow in the Medieval Institute, presented "Maqrizi, Hashim-ism, and the Early Caliphates" at the Medieval Egyptian Historiography: The Legacy of Maqrizi conference, Notre Dame, Sept. 28–29.

Olivia Remie Constable, associate professor of history, presented "The Disappearing *Funduq*? Maqrizi and the Changes in Mamluk Commercial Spaces" at the Symposium on Medieval Arabic Historiography: The Legacy of Maqrizi (1364–1442), Notre Dame, Sept. 29.

Mary R. D'Angelo, associate professor of theology, presented "Eusebeia" Roman Imperial Family Values and the Sexual Politics of 4 Maccabees and 1 Timothy" in the Religious Rivalries Seminar, Canadian Society for Biblical Studies, Quebec, in May.

Brian E. Daley, Huisking Professor of Theology, discussed "The Fullness of the Saving God: Cyril of Alexandria on the Holy Spirit" at the 61st meeting of the Orthodox-Catholic Consultation for North America, Washington, D.C., Oct. 11–13.

Fred Dallmayer, Dee Professor of government and philosophy, Nanovic Institute fellow, Kellogg Institute fellow, and Kroc Institute fellow, presented "Islam and Democracy: Reflections on Abdolkarim Soroush" at the Center for the Study of Islam and Democracy meeting, Georgetown Univ., Apr. 7; "Conversation Across Boundaries: Political Theory and Global Diversity" at a conference at the Univ. of Essex, England, May 3–5; "Globalization and Post-Coloniality" at a symposium held at the Collegio de Mexico, Mexico City, June 13–15; "On Christian and Islamic Spiritualities" at a conference organized by the Iranian Embassy in Ottawa, Canada, July 21; and "Islam and Modernity" at the annual meeting of the American Political Science Association, San Francisco, Aug. 30 through Sept. 2.

Roberto DaMatta, Joyce Professor of Anthropology and Kellogg Institute fellow, gave a keynote address on "Ethics: A Socio-Anthropological Perspective" at the seminar "Ethics and Public Service," sponsored by the Brazilian Presidency of the Republic, the National Commission on Ethics, and the National School of Fiscal Administration, in Brasilia, Sept. 13-14.

Jay Dolan, professor of history, presented "The Transition from Charity to Justice in Catholic Social Teaching and How this Dynamic has Shaped an Understanding of Work" at a Vatican Conference, Sept. 13.

Julia Douthwaite, associate professor of French, presented an invited lecture entitled "*Visions du passé: Rousseau, Chardin, et Greuze*" at the international colloquium on *Rousseau et les arts visuels*, Neuchâtel, Switzerland, Sept. 20-22.

Keith Egan, adjunct professor of theology and Aquinas chair in Catholic Theology at Saint Mary's College, presented two plenary lectures at the 8th annual conference of the National Association of Catholic Diocesan Lesbian and Gay Ministries, Charlotte, N.C., Sept. 20-23; presented "Celebrating the Lord's Supper" at the Park Avenue Ecumenical Gathering of Christian Churches, Charlotte, Sept. 23; and gave three lectures at the seminar for religious educators, "Celebrating and Living the Eucharist," Savannah, Ga., Sept. 23-29.

Georges Enderle, O'Neil Professor of International Business Ethics, gave a keynote address on "Global Competition and Corporate Responsibilities of Small and Medium-Sized Enterprises" at the 14th European Business Ethics Conference, Sept. 12-14, in Valencia, Spain; and a keynote address on "*Veränderungen der Ökonomie im Kontext von Globalisierungsprozessen. Empirischer Befund und Anfragen an die Ethik*" [Economic Changes in the Context of Globalization Processes. Empirical Evidence and Challenges of Ethics] at the Congress of the International Association of Moral Theology and Social Ethics on "Ethical Perspectives in the Process of Globalization," Sept. 17-21, in Vienna, Austria.

Mara Faccio, assistant professor of finance, copresented "Dividends and Expropriation" and "Debt, Agency Costs and Institutions" with L.H.P. Lang and L. Young at the American Finance Association/ASSA in New Orleans; and "Institutional Shareholders and Corporate Governance: The Case of UK Pension Funds" with A.M. Lasfer at the CEPR/CeRP/Fondazione Courmayeur—CNPDS/FEEM conference, "The Firm and Its Stakeholders: The Evolving Role of Corporate Finance" in Courmayeur.

Michael T. Ferdig, assistant professor of biological sciences presented a lecture titled "Whole Genome Transcription: Segregation and Inheritance" at the National Institutes of Health, Sept. 12-18, in Washington D.C.

Michael Francis, assistant provost for international studies and professor of government, chaired and served as a discussant for a panel on "Colombian Foreign Relations in the 1990s" at the Latin American Studies Association's XXIII International Congress, Washington, D.C., Sept. 6.

James A. Glazier, associate professor of physics, gave the invited talk "How Cells Know Where to Go" at the Fifth SIAM Conference on Control and Its Applications, San Diego, July 12.

Andrew C. Gould, associate professor of government, presented "Democracy and Taxation" (coauthored with P.J. Baker) at the 2001 annual meeting of the American Political Science Association, San Francisco, Aug. 30 through Sept. 2.

Dirk M. Guldi, associate professional specialist in the Radiation Laboratory, presented "Fullerene Dendrons and Oligomers, Unique Model Systems for Energy and Electron Transfer" and "Charge-Transfer in Fullerene Porphyrin Ensembles" at the 199th meeting of the Electrochemical Society, Inc., San Francisco, Sept. 3; and presented a seminar at Pharmacyclics, Inc., Sunnyvale, Calif. on "Metallotetraphyrins: A Comparative Study of Transition Metal and Lanthanide Complexes" on Sept. 13.

Alexander Hahn, professor of mathematics, presented "Galileo's Inclined Planes in the Calculus Classroom" for the Conference on Undergraduate

Teaching of Mathematics in Kruger Park, South Africa, July 1-5; "The Pendulum Swings again: A Mathematical Reassessment of Galileo's Experiments with Inclined Planes" for the Special Session for the History of Mathematics at the joint meeting of the American and French Mathematical Societies in Lyon, France, July 17-21; and "The Zassenhaus Decomposition for the Orthogonal Group: Properties and Applications" for the Special Session in Group Theory at the AMS meeting at Ohio State Univ., Columbus, Sept. 21.

Roger Huang, Meyer Professor in Global Investment Management, presented "Price Discovery by ECNs and Nasdaq Market Makers" at the City Univ. of Hong Kong, Aug. 7.

David R. Hyde, professor of biological sciences, presented an invited talk at the FASEB meeting "Biology and Chemistry of Vision" at Tucson, Ariz. on June 23-28, titled "Zebrafish as a Genetic Model for Studying the Retina"; and gave a seminar entitled "Zebrafish as a Genetic Model System for Studying the Eye" at Penn State Univ. and the Univ. of Pittsburgh, July 15-20.

Nicholas Isherwood, visiting assistant professor of music, presented music by E. Satie and S. Lacy at the *Autunno Musicale* Como, Italy, Sept. 29 through Oct. 5; performed Hans Werner Henze's one-man show *El Cimarron* in Sweden and Norway, as well as concerts with K. Stockhausen at the Barbican Centre in London and toured with the Boston Camerata in the U.S. with a program of rare 18th- and 19th-century American sacred music, Oct. 10-19; and is performing the world premiere of P. Livorsi's work "Os" in Paris, Oct. 19 through Nov. 11.

Jinesh C. Jain, assistant professional specialist in civil engineering and geological sciences, presented "Identification of Fluoride Interferences on Rare-Earth Elements in the Analysis of Barium Rich Sediments by Inductively Coupled Plasma Spectrometry (ICP-MS)" at the 47th ICASS Conference, Toronto, Aug. 19-22.

Richard Jensen, chair and professor of economics, concurrent professor of finance and business economics, and Kellogg Institute fellow, presented

"Strategic Intrafirm Innovation Adoption and Diffusion" at Michigan State Univ. in May.

Cathleen Kaveny, Murphy Foundation Professor of Law, presented "The Chronical of Wasted Time: A Liturgical Challenge to the Commodification of Time in the Western Professional Life" at a Vatican conference, Sept. 13.

Charles F. Kulpa Jr., professor of biological sciences, attended the Synchrotron Environmental Science II meeting at Argonne National Lab as cosponsor, Sept. 20-21; and attended the 9th International Society of Microbial Ecology meeting in Amsterdam, Aug. 26-31, where a poster was presented entitled "Microbial Ecology of Coal Storage Pile Environs."

David C. Leege, professor of government and international studies, presented a colloquium to the Dept. of Political Science, UCLA, on "The Politics of Cultural Differences: The Perils of the Majority Coalition in the Post-New Deal" on April 26; and "The Politics of Cultural Differences in the 2000 Presidential Election: The Return of the Prodigal (Reagan) Generation" to the annual convention of the American Political Science Association, San Francisco, Sept. 1.

David M. Lodge, professor of biological sciences, gave an invited talk at the annual meeting of the Ecological Society of America in Madison, entitled "Progress in Invasion Biology," Aug. 5-14.

Timothy Matovina, associate professor of theology, presented "Sacred Memories: The Treasure of Catholic Faith in the United States," in English and Spanish, to the Catholic Educators' Conference of the Archdiocese of Seattle, in September.

Anthony N. Michel, Freimann Professor of Engineering, chaired a technical session titled "Stability Analysis" and one titled "Discrete Event Systems" and presented "Stability Analysis of Pulse-width-modulated Feedback Systems with Nonlinear Plants" and "A State Transformation for Switched Linear Systems" at the 2001 American Control Conference, Arlington, Va., June 25-27.

Philip Mirowski, Koch Professor of Economics, presented "The Impact of Information Technologies on the Future of Economics" at the Odesne Workshop on Computational Economics, Denmark, in June; "Cowles Changes Allegiance" at the History of Economics Society meetings, Winston-Salem, N.C., in July; an invited plenary lecture "Towards a Really New Institutional Economics" at a workshop on Modern Institutional Economics, Univ. of Hertfordshire, England, in Sept; an invited lecture "From Methodological Individualism to Methodological Cyborgism" at the Indiana Univ. Program in the History and Philosophy of Science, Bloomington, in September.

Nathan Mitchell, associate professional specialist and associate director in the Center for Pastoral Liturgy and concurrent associate professional specialist in theology, presented "Praying the Eucharist," for Sacred Heart Parish, South Bend, Oct. 1.

Peter Moody, professor of government and international studies, was interviewed by Voice of America on "leftist" criticisms of the current line of the Communist Party of China on Aug. 9; and on again on Sept. 10, on "Maoist" movements since the death of Mao Zedong.

Liviu Nicolaescu, assistant professor of mathematics, presented "Seiberg-Witten Invariants of Rational Homology Spheres" at the Geometry and Topology seminar at the Univ. of Wisconsin, Madison, on Sept. 14.

James S. O'Rourke, associate professional specialist in business, concurrent associate professor of management, and director of the Fanning Center for Business Communication, hosted the Fifth Conference on Corporate Communication, Notre Dame, Sept. 7-8.

Teresa Godwin Phelps, professor of law, presented a workshop entitled "Advanced Legal Writing" at the annual meeting of the Council of Appellate Staff Attorneys, Portland, Maine, on July 20; and presented a workshop for the staff attorneys at the U.S. Court of Appeals for the Seventh Circuit, Chicago, Sept. 7.

John Poirier, professor emeritus of physics, presented "Calculation of Atmospheric Muons from Cosmic Gamma Rays" and "A Measurement of Secondary Muon Angular Distributions" and posters on: "Project GRAND's Status: An Array of Proportional Wire Chambers," "Correlation of $< = 10\text{TeV}$ Primary Gamma Ray Direction and the Direction of Associated Secondary Muons at Sea Level," "A Project GRAND Study of the Ground Level Event of 14-Jul-00," "Asymmetries of Secondary Muons at Sea Level with Low Systematics," and "Variation of Muon Counts versus Solar Time" at the 27th International Cosmic Ray Conference, Hamburg, Germany, Aug. 7-15.

Wolfgang Porod, professor of electrical engineering and director of the Center for Nano Science and Technology, copresented (with A.I. Csurgay) "Active Nanoelectronic Devices and Circuits" in the special session "The Circuit Paradigm in Nanoelectronics" at the European Conference on Circuit Theory and Design—ECCTD'01, Espoo, Finland, in August.

Jean Porter, O'Brien Professor of Theology, presented "Natural Law as a Scriptural Concept in Early Scholastic Thought" at "Law of Nature: Ancient Origins and Contemporary Debates," Notre Dame, Oct. 1.

Thomas J. Prugl, assistant professor of theology, presented "The Development of Quas's Thought on Infallibility" at the "Nicholas of Quas: 1401-2001" conference, Catholic Univ. of America, Washington, D.C., Oct. 4-7.

Kathleen Pyne, associate professor of art history and director of the Program in Gender Studies, gave the invited paper "On Women and Ambivalence in the Evolutionary Topos" at the symposium "The Darwin Effect: Evolution and Nineteenth-Century Visual Culture" at the Institute of Fine Arts, New York Univ., April 28; the Stafford Lecture and keynote address "Utopian Vistas, Personal Lives: American Art at the *Fin-de-Siècle*," for the opening of the exhibition "Circa 1900: From the Genteel Tradition to the Jazz Age" at the Albright Knox Art Gallery in Buffalo, N.Y., on May 6.

Frank Reilly, Hank Professor of Finance, presented his paper on "An Analysis of Global Capital Market Risk-Adjusted Returns and How Performance Should Be Measured" (coauthored with D.J. Wright) at the FMA European Conference, Paris, in May.

Vincent Rougeau, associate dean for Academic Affairs and associate professor of law, presented "Implications of *Laborem Exercens* on the Issue of Welfare Reform in the United States" at a Vatican conference, Sept. 12.

Steven R. Schmid, associate professor of aerospace and mechanical engineering, presented two papers at the Second World Tribology Congress in Vienna, Sept. 3-7: "Nanometric-Scale Characterization of Polymer Coatings," coauthored by C.-H. Huang, and "An Advanced Tribology Module for Hot Forging Simulations," coauthored by S. Vaze, K. Kannan, and M. Pandheeradi.

Thomas Gordon Smith, professor of architecture, presented "Materials and Methods for Classical Projects: Some Case Studies" at the Institute of Classical Architecture, New York, Sept. 15.

Carol A. Szambelan, associate librarian, was convener and presenter of a technical session entitled "Innovations and Ideas Forum" at the 2001 ASEE Annual Conference and Exhibition, June 24-27, Albuquerque, and presented "Fund-raising Success Stories and Strategies" with W. Mischo, L. Dunn, and T. Volkening.

Martin P.R. Tenniswood, professor of biological sciences, presented a plenary lecture at International Congress of Andrology in Montreal, June 15-17, titled "Androgen Dependent Apoptosis and Survival in the Prostate" and "The Natural History of Prostate Cancer: Implications for Therapy for Organ Confined Disease" at the Serono Reproductive Biology Institute in Randolph, Mass., in August.

Steve Tomasula, assistant professional specialist in English, acted as critic-responder to "Newspoetry," sponsored by ELO and the Illinois Humanities Council, held at the Univ. of Illinois, Chicago, in August.

Kevin T. Vaughan, assistant professor of biological sciences presented a seminar "Independent Role for Cytopleasure

Dynein and Dynactin Phosphorylation in Dynein-Mediated Transport" at the "Molecular Motor" meeting at Marine Biological Labs, Woods Hole, Mass., Sept. 5-9.

Raimo Väyrynen, professor of government and international studies and Kroc Institute fellow, delivered a poster and paper "Globalization and Local Violence" in the 97th annual convention of the American Political Science Association in San Francisco, Aug. 29 through Sept. 1, and a paper on the same topic in the Fourth Pan-European Conference on International Relations at the Univ. of Kent at Canterbury, U.K., Sept. 7-10.

Robert P. Vecchio, Schurz Professor of Management, presented "The Manuscript Review Process" at the American Society of Business and Behavioral Sciences, Las Vegas; an invited presentation entitled "What Entrepreneurship Can Learn From OB, and What OB Can Learn From Entrepreneurship" on Aug. 5, and "The Influence of Supervisor-Subordinate Similarity on Subordinate Outcomes" on Aug. 8, both at the national meeting of Academy of Management, Washington, D.C.

Rev. Joseph L. Walter, C.S.C., chairperson of Preprofessional Studies and associate professor of chemistry and biochemistry, presented "The Medical School Admission Process" at Indiana State Univ., Terre Haute, Sept. 29.

JoEllen J. Welsh, professor of biological sciences, acted as a reviewer for the annual retreat at Wake Forest Univ. Cancer Center, Aug. 9-11; and served as a panel member for the AICR Study Section in Washington, D.C., Aug. 15-17.

Publications

J. Douglas Archer, associate librarian, authored "What's in a Name? Banned Books Week 2001," published in *Focus on Indiana Libraries* 55, no. 76 (2001): 5.

Wendy Arons, assistant professor of film, television, and theatre, wrote "If Her Stunning Beauty Doesn't Bring You to Your Knees, Her Deadly Drop Kick Will": Violent Women in the Hong Kong Kung Fu Film," published in *Reel Knockouts: Violent Women in the Movies*, M.

McCaughey and N. King, eds. (Austin, Tex.: Univ. of Texas Press, 2001).

James M. Bishop, research professor of physics, coauthored "Partial-wave Analysis of the $\pi^0\pi^0$ System Products in $\pi\pi$ Charge Exchange Collisions" with T. Adams, **Neal M. Cason**, professor of physics, E.I. Ivanov, **John M. LoSecco**, professor of physics, J.J. Manak, A.H. Sanjari, **William D. Shephard**, professor of physics, D.L. Stienike, S.A. Taegar, and D.R. Thompson, published in *Physical Review D* (2001): 646 072003, 1-15.

Mark Bolino, assistant professor of management, coauthored "Achieving Desired Images While Avoiding Undesired Images: Exploring the Role of Self-Monitoring In Impression Management" with W. H. Turnley, published in the *Journal of Applied Psychology* 86 (2001): 351-360.

Mary R. D'Angelo, associate professor of theology, published "Perfect Fear Casteth Out Love: Reading, Citing and Rape," in *Sexual Diversity and Catholicism*, P. Jung, ed. (Collegeville, Minn.: Liturgical Press, 2001): 175-197; and reprinted: "Veils, Virgins and the Tongues of Men and Angels: Women's Heads as Sexual Members in Ancient Christianity," in *Women, Gender and Religion: A Reader*, E.A. Castelli, ed. (Rodman, New York, and Basingstoke: Palgrave, 2001): 389-419 originally published in *Off with Her Head! The Denial of Women's Identity in Myth, Religion, and Culture*, H. Eilberg-Schwarz and W. Doniger, eds. (Berkeley, : University of California Press, 1995): 131-164.

Fred Dallmayer, Dee Professor of government and philosophy, Nanovic Institute fellow, Kellogg Institute fellow, and Kroc Institute fellow, wrote *Achieving Our World: Toward a Global and Plural Democracy* (Lanham, Md.: Rowman and Littlefield, 2001); and coedited *Beyond Nationalism? Sovereignty and Citizenship* with J.M. Rosales (Lanham, Md.: Lexington Books, 2001). He wrote "Dezentrierter Dialog: Waldenfels an vielfachen Diskursüberkreuzungen" in *Vernunft im Zeichen des Fremden: Zur Philosophie von Bernhard Waldenfels*, M. Fischer, H.-D. Gondek, and B. Liebsch, eds. (Frankfurt: Suhrkamp Verlag, 2001): 130-156; "Beyond Fugitive

Democracy? Some Modern and Post-modern Reflections" in *Democracy and Vision: Sheldon Wolin and the Vicissitudes of the Political*, A. Botwinick and W.E. Connolly, eds. (Princeton: Princeton University Press, 2001): 58-78; "Mas allá de la democracia fugitiva" in *Política e Instituciones en Las Nuevas Democracias Latinoamericanas*, I. Cheresky and I. Pousadela, ed. (Buenos Aires: Editorial Paidós, 2001): 407-430; wrote "Memory and Social Imagination: Latin-American Reflections" in *Collective Imagination: Limits and Beyond*, E.R. Larreta and C. Mendes, eds. (Rio de Janeiro: UNESCO, 2001): 159-184; "Democracy: Modern and Postmodern" in *Interdisciplinary Perspectives on Modernity*, S.P. Pandya and P.C. Kar, eds. (Delhi: Pencraft International, 2001): 23-46; "Borders or Horizons? Gadamer and Habermas Revisited" in *Chicago-Kent Law Review* 76 (2001): 101-127; "Achieving our World Democratically: A Response to Richard Rorty" in *Theoria* 97 (2001): 23-40; "Dialogue of Civilizations: A Gadamerian Perspective" in *Global Dialogue* 3 (2001): 64-75; and "Island: Friend or Enemy?" in *International Studies Review* 3 (2001): 171-174.

Parthiban David, assistant professor of management, coauthored "The Influence of Activism by Institutional Investors on R&D" with M.A. Hitt and J. Gimeno, published in the *Academy of Management Journal* 44 (2001): 144-157.

Sarv Devaraj, assistant professor of management, coauthored "Generic Manufacturing Strategies: An Empirical Test of Two Configurational Typologies" with D. Hollingworth and R. Schroeder, published in the *Journal of Operations Management* 19 (2001): 427-459.

Bernard Doering, professor emeritus of Romance languages and literatures, published "Jacques Maritain and Charles Journet on Human Sexuality" in *Theological Studies* 62, no. 3 (Sept. 2001): 597-606.

Hector Escobar, visiting librarian, published "The Color of Leadership: Spectrum Institute 2001" in *American Libraries* 32, no. 7 (Aug.): 10-11.

Mara Faccio, assistant professor of finance, coauthored "Institutional Shareholders and Corporate Governance: The

Case of UK Pension Funds" with A.M. Lasfer, published in *Convergence and Diversity in Corporate Governance Regimes and Capital Markets*, J. McCahery and L. Renneboog, eds. (Oxford Univ. Press, 2001).

Barbara J. Fick, associate professor of law, wrote "Can Contested Disciplinary Actions be Considered in Subsequent Termination Proceedings? An Analysis of *United States Postal Service v. Gregory*," in *Preview of United States Supreme Court Cases*, no. 1 (Sept. 24): 23-26.

Alejandro García, Grace-Rupley Professor of Physics, coauthored "Spectroscopy of ^{23}Al and ^{27}P Using the (^7Li , ^8He) Reaction and the Implications for ^{22}Na and ^{26}Al Nucleosynthesis in Explosive Hydrogen Burning" with J.A. Caggiano, D. Bazin, W. Benenson, B. Davids, R. Ibbotson, H. Scheit, B.M. Sherrill, M. Steiner, J. Yurkon, A.F. Zeller, B. Blank, M. Chartier, J. Greene, J.A. Nolen Jr., A.H. Wuosmaa, M. Bhattacharya, and **Michael C. Wiescher**, Freimann Professor of Physics, in *Physical Review C* 64 (2001): 025802 (9 pp.).

Umesh Garg, professor of physics, coauthored "Investigation of Antimagnetic Rotation in ^{100}Pd " with S. Zhu, A.V. Afanasjev, **Stefan Frauendorf**, professor of physics, B. Kharraja, S.S. Ghugre, S.N. Chintalapudi, R.V.F. Janssens, M.P. Carpenter, F.G. Kondev, and T. Lauritsen, in *Physical Review C* (2001): 041302(R) (5 pp.).

J.A. Glazier, associate professor of physics, coauthored "Bursts and Cavity Formation in *Hydra* Cells Aggregates: Experiments and Simulations" with J.C.M. Mombach, R.M.C. de Almeida, G.L. Thomas, and A. Upadhyaya, published in *Physical Review C* 64 (2001): 025802 (9 pp.); and "Bursts and Cavity Formation in *Hydra* Cells Aggregates: Experiments and Simulations" with J.C.M. Mombach, R.M.C. de Almeida, G.L. Thomas, and A. Upadhyaya, published in *Physica A* 5 297 (2001): 495-508.

Gregory T. Gundlach, Berry Professor of Business, coauthored the Introduction and "Marketing and Modern Antitrust Thought," in the *Handbook of Marketing and Society*, with P. Bloom (Los Angeles: SAGE, 2001); and wrote "Choice as the Focus of Antitrust," *University of Pittsburgh Law Review*, 2001.

Jan-Lüder Hagens, assistant professor of German, wrote "Spielen und Zuschauen in Jakob Bidermanns *Philemon Martyr* (Teil I): *Theatrum Mundi* als dramatisches und pädagogisches Prinzip des Jesuitentheaters" published in *Daphnis: Zeitschrift für Mittlere Deutsche Literatur und Kultur der Frühen Neuzeit (1400-1750)* 29 (2000): 103-57.

Eugene W. Henry, professor emeritus of computer science and engineering and of electrical engineering, coauthored "Studying Engineering Abroad: The Notre Dame Experience in London" with **John J. Uhran Jr.**, senior associate dean for Academic Affairs, College of Engineering, professor of computer science and engineering; and professor of electrical engineering, published in *Proceedings of 7th Annual International Conference on Engineering Education* (Oslo: Stipes Publishing L.L.C., 2001): 6D2-14 to 6D2-18.

Dennis C. Jacobs, professor of chemistry and biochemistry, coauthored "Reactive Scattering of 0^+ on Oxidized Si(001)" with C.L. Quinteros, T. Tzvetkov, X. Qin, and D.C. Jacobs, published in *Nuclear Instruments and Methods in Physics Research B* 182 (2001): 187-192.

Jinesh C. Jain, assistant professional specialist in civil engineering and geological sciences, coauthored "Biomass Byproducts for the Remediation of Wastewaters Contaminated with Toxic Metals" with M.A. Schneegurt, J.A. Menicucci Jr., S.A. Brown, K.M. Kemner, D.F. Garafalo, M.R. Quallick, **Clive R. Neal**, associate professor of civil engineering and geological sciences, and **Charles F. Kulpa Jr.**, director of the Center for Bioengineering and Pollution Control and professor of biological sciences, published in *Environmental Science & Technology* 35, no. 18 (2001): 3786-3791.

Richard Jensen, chair and professor of economics, concurrent professor of finance and business economics, and Kellogg Institute fellow, coauthored "Proofs and Prototypes for Sale: The Tale of University Licensing" with M. Thursby, published in *American Economic Review* 91 (2001): 240-259.

James J. Kolata, professor of physics, coauthored "A Dual 6T Persistent-Mode SC Solenoid Ion-Optical System for Radioactive Nuclear Beam Research" with

F.D. Becchetti, M.Y. Lee, D.A. Roberts, T.W. O'Donnell, J.A. Zimmerman, D. Peterson, P. Santi, V. Guimarães, and L.O. Lamm, published in the *Proceedings of the Conference on Applied Superconductivity, Virginia City, Virginia, (September 2000)* 11, no. 1, Part 2, (2001): 1601-1604.

A. Eugene Livingston, professor of physics, coauthored "Access to Two-Photon QED Contributions via $2s\ ^2S_{1/2}-2p\ ^2P_{1/2}$ Transitions in Heavy Li-Like Ions" with D. Feili, Ph. Bosselmann, K.-H. Schartner, P.H. Mokler, X. Ma, F. Folkmann, and E. Träbert, published in *Physica Scripta*. T 92 (2001): 300-302.

Timothy Matovina, associate professor of theology, wrote "Hispanic Catholics: El futuro is Here," *Commonweal* (Sept. 14): 19-21; and a review of *Hispanic Catholicism in Transitional California: The Life of José González Rubio, O.F.M. (1804-1875)*, by M.C. Neri, published in *Catholic Southwest: A Journal of History and Culture* 12 (2001): 141-142.

Ralph McInerney, professor of philosophy, published "Art for the Masses: The Death of Culture and the Culture of Death," in *Touchstone* 14, no. 7 (Sept., 2001) 22-7.

Anthony N. Michel, Freimann Professor of Electrical Engineering, coauthored "Stability Analysis of Pulse-width-modulated Feedback Systems with Nonlinear Plants" with L. Hon, published in *Transactions of the 2001 American Control Conference* (2001): 4846-4851, and "A State Transformation for Switched Linear Systems" with Z.G. Li, B. Hu, C.Y. Wen, and Y.C. Soh, *ibid.*: 231-236; "Quantized Sampled-data Feedback Stabilization for Linear and Nonlinear Control Systems" with B. Hu and Z. Feng, published in *International Journal of Hybrid Systems* 1, no. 1 (July): 19-32; and "Moment Stability of Discontinuous Stochastic Dynamical Systems" with L. Hou, published in *IEEE Transactions on Automatic Control* 46, no. 6 (June): 938-943, and "Stability Preserving Mappings for Stochastic Dynamical Systems" with L. Hou, *ibid.*: 933-938.

Marvin Miller, Clark Professor of Chemistry and Biochemistry, coauthored "Conformational Study and Enantioselective, Regiospecific Syntheses of Novel Aminoxy transiProline Analogues Derived from an Acylnitroso

Diels-Alder Cycloaddition" with B.T. Shireman, M. Jonas, and **Olaf Wiest**, associate professor of chemistry and biochemistry, published in *Journal of Organic Chemistry* 66 (2001): 6046-6056.

Nathan Mitchell, associate professional specialist and associate director in the Center for Pastoral Liturgy and concurrent associate professional specialist in theology, wrote *Real Presence: The Work of Eucharist*, new and expanded edition (Chicago: LTP, 2001); and "Once Upon a Time (The Amen Corner)," published in *Worship* 75, no. 5 (Sept. 2001): 469-478.

Peter R. Moody, professor of government and international studies, wrote *The Antipolitical Tendency in Contemporary Chinese Political Thinking, in Chinese Political Culture, 1989-2000*, S. Hua, ed. (Armonk, 2001): 161-187, and "China's Emerging Neoconservatism," in the commentary section, *China Online* (www.chinaonline.com), Aug. 16.

Rebecca E Moskwinski, M.D., physician in the Student Health Center, edited the entire book and authored six chapters of *Twins to Quints: The Complete Manual for Parents of Multiple Birth Children* (Harpeth House Publishing, 2001).

Charles Naquin, assistant professor of management, wrote "Group Learning in Organizations" with L. Argote and D. Gruenfeld, published in *Groups at Work: Advances in Theory and Research*, M.E. Turner, ed. (Hillsdale, N.J.: Lawrence Erlbaum and Associates, 2001); and coauthored "The Sociology of Work and the Reshaping of Careers" with P. Hirsch, published in *Working in Reconstructed Workplaces*, D. Cornfield, K. Campbell, and H. McCammon, eds. (Thousand Oaks, Calif: Sage, 2001).

Liviu Nicolaescu, assistant professor of mathematics, published "Seiberg-Witten Invariants of Lens Spaces" in the *Canadian Journal of Mathematics* 53 (2001): 780-808.

James S. O'Rourke, associate professional specialist in business, concurrent associate professor of management, and director of the Fanning Center for Business Communication, published *The Business Communication Casebook: A Notre Dame Collection*, a collection of case studies written by Notre

Dame students (Cincinnati: South-Western College Publishing, 2001).

Adrian Reimers, adjunct professor of philosophy, published *Analysis of the Concepts of Self-Fulfillment and Self-Realization in the Thought of Karol Wojtyla, Pope John Paul II* (Edwin Mellen Press, 2001).

W. Robert Scheidt, Warren Professor of Chemistry and Biochemistry, coauthored "Nuclear Resonance Vibrational Spectroscopy of a Protein Active-site Mimic" with J.T. Sage, C. Paxson, G.R.A. Wyllie, W. Sturhahn, S.M. Durbin, P.M. Champion, and E.E. Alp, published in *Journal of Physics Condensed Matter* 13 (2001): 7707-7722.

Mark R. Schurr, assistant professor of anthropology, coauthored "The Thermal History of Maize Kernels Determined by Electron Spin Resonance" with **Robert G. Hayes**, professor of chemistry and biochemistry, and L.L. Bush, published in *Archaeometry* 43, part 3 (2001): 407-419.

Thomas L. Shaffer, Short Professor Emeritus of Law, published "More's Skill" in *Widener Journal of Public Law* 9, no. 2 (2000): 295-304.

Bradley D. Smith, professor of chemistry and biochemistry, coauthored "Inhibited Phospholipid Translocation Across Interdigitated Phosphatidylglycerol Vesicle Membranes" with J.M. Boon, R.L. McClain, and J.J. Breen, published in the *Journal of Supramolecular Chemistry* 1 (2001): 17-21.

J. Eric Smithburn, professor of law, published *Cases and Materials in Juvenile Law* (Anderson Publishing Co.), 902 pp.

A.J. Sommese, Duncan Professor of Mathematics, coauthored "Using Monodromy to Decompose Solution Sets of Polynomial Systems into Irreducible Components" with J. Verschelde and C.W. Wampler, published in the *Proceedings of the 2001 NATO Advanced Research Conference, held at Eilat, Israel, on Applications of Algebraic Geometry to Coding Theory, Physics, and Computation*, C. Ciliberto, F. Hirzebruch, R. Miranda, and M. Teicher, eds. (2001): 297-315.

Martin Tenniswood, Coleman Professor of Life Sciences, coauthored "Antiandrogen-Induced Invasion in Prostate" with K. Packman, P. Zhan, J.

Walker, and E. Lee, published in *Andrology in the 21st Century. Proceedings of the VII International Congress of Andrology*, B. Robaire, H. Chemes, and C.R. Morales, eds. (Englewood, N.J.: Medimond Medical Publications, 2001): 185–195; "Green Tea and Carcinogenesis" with C. Morrissey, M. Brush, A. Buser, J. O'Sullivan, and J. Scolaro, J., *ibid.*, pp. 357–365; "The Mechanism of Casodex Induced Cell Death" with E.C.Y. Lee, P. Zhan, J. Woyach, and K. Packman, *ibid.*, pp. 625–630; "The Effects of the Antiandrogen Casodex on NRP-152 and NRP-154 Cell Lines" with M. Brown, C. Morrissey, M. Brush, A. Buser, and N. Okezie, *ibid.*, pp. 631–636; and "Pathophysiology of the Aging Prostate," *ibid.*, pp. 651–658.

Steve Tomasula, assistant professional specialist in English, wrote "Ars Humanum" in *Berkeley Fiction Review* 21, (Summer 2001): 107–109; "The Sad Case of Mr. C." in *580 Split: A Journal of Arts and Literature*. No. 3, (2001): 10–17; *Looking In, Seeing Big* (Grayslake, Ill.: College of Lake County, 2001; "Alvin Lu, The Hell Screens" in *The Review of Contemporary Fiction* 21, No. 2 (Summer 2001): 168; "Carlos Fuentes, The Years with Laura Diaz" in *The Review of Contemporary Fiction* 21, No. 1 (Spring 2001): 191; and "The Northwest Edge" in *Rain Taxi* 6, No. 1 (Spring 2001): 18.

Michael C. Wiescher, Freimann Professor of Physics, coauthored "Impact and Perspectives of Radioactive Beam Experiments for the rp-process" with H. Schatz, published in *Nuclear Physics A* 693 (2001): 269–281.

Olaf Wiest, associate professor of chemistry and biochemistry, coauthored "Quantum Mechanical Study of the Ring-Closing Reaction of the Hexatriene Radical Cation" with A.T. Radosevich, published in the *Journal of Organic Chemistry* 66 (2001): 5808–5813; and "Symmetry, Radical Ions, and Bugadienes: Exploring the Limits of Density Functional Theory" with J. Oxgaard, published in the *Journal of Physical Chemistry A* 105 (2001): 8236–8240.

Administrators' Notes

Appointments

Allison L. Huering has been appointed director of McKenna Hall, to oversee the building under the auspices of Business Operations.

Publications

Alan S. Bigger, director of Building Services, coauthored with L.B. Bigger "Are We Sinking or Swimming? The Need for Performance Indicators," published in *Executive Housekeeping Today* 22, no. 10 (Oct.): 6-7, 16-17; part 2 of "So You Think You are Leadership Material?" published in *Executive Housekeeping Today* 22, no. 9 (Sept.): 4-5, 12; and "Dispensing Success," published in *Maintenance Solutions* (Sept.): 29-30, 32; and wrote "How to Be a Chief Cleaning Consultant," published in *ISSA Today* 27, no. 9 (Sept./Oct.): 58, 60.

Documentation

ANNUAL REPORT OF THE ACADEMIC AFFIRMATIVE ACTION COMMITTEE FOR ACADEMIC YEAR 2000-2001

A. Commitment to Diversity.

The University of Notre Dame has a long-standing commitment to increasing the presence of minorities, women, Catholics, and members of the Congregation of Holy Cross on the teaching-and-research faculty. Increasing the diversity of the Notre Dame faculty is a high University priority. In 1970, then President Rev. Theodore M. Hesburgh created the Affirmative Action Committee and directed its members to prepare the University's Affirmative Action Program. The affirmative action plan was completed five years later in 1975. In a letter addressed to the University Officers, Deans, Department Heads, and Chairs, publishing the University's statement of affirmative action goals and objectives, Rev. Hesburgh articulated this commitment:

I have long since come to the conclusion that no amount of rhetoric can bring social change in a society, not even in such a committed society as the University of Notre Dame. We are committed to academic excellence, but, at the same time, we are committed to achieving this goal within the context of justice for all our minorities who in one way or another have never had an adequate share in the task here. I have no problem in visualizing this search for excellence with the constant concern for justice in the matter of hirings and promotions. It is not an easy task, but it will have to be accomplished at the departmental level because that is where the hirings mainly take place.

In his annual address to the faculty delivered on October 8, 1996, President Rev. Edward A. Malloy reaffirmed the University's commitment to affirmative action:

In a time in the history of American higher education when opposition to this policy of affirmative action has become commonplace and strident, I want to urge us to ratchet up our commitment. I am convinced that affirmative action is the best method available to make Notre

Dame a more inclusive and representative institution.

Additionally, on September 18, 1996, in an address to the faculty delivered by Provost Nathan O. Hatch, increasing the presence of women, racial minorities, and Catholic scholars was identified as one of the Provost's "Six Priorities for Academic Life" at Notre Dame. Provost Hatch stated that in the next decade the University plans to add as many as 150 new faculty, in addition to replacing faculty who choose to retire. On the issue of faculty diversity, he stressed that special attention should be given "to women, people of color, [and] persons who would enliven Notre Dame as a Catholic center of learning . . ."

However, as Father Hesburgh stated, "no amount of rhetoric can bring social change." In other words, good intentions, and an adherence to a written policy of non-discrimination, will not, by itself, change the racial and gender composition of the teaching-and-research faculty. Instead, a strategic action plan must be developed to translate the goal of faculty diversity into a reality at Notre Dame. Furthermore, as Rev. Hesburgh correctly observed, if success is to be realized in this endeavor it must be accomplished at the departmental level where faculty recruitment and hiring takes place. Moreover, this strategic plan must emphasize accountability at the departmental level, and ensure that every reasonable effort is made to include highly qualified women and racial minorities in the faculty applicant pool.

B. Appointment of College Diversity Officers and Description of Their Duties.

In Spring 1997, at the recommendation of the Academic Affirmative Action Committee (AAAC), the Provost directed the Deans of the Colleges of Arts and Letters, Science, Engineering, Business, and the Law School, to appoint someone from their respective faculties who would have responsibility for developing and implementing a plan of action to increase faculty diversity in each college. It became readily apparent to the Provost and the members of the AAAC that in the absence of such a plan, there is simply no way to effectively monitor and evaluate efforts to

enhance diversity on the faculty. The persons appointed in each college have been referred to by the AAAC as the "College Diversity Officers."

The College Diversity Officer (CDO) has several responsibilities. First, at the beginning of the academic year, the CDO is responsible for identifying the number of faculty vacancies to be filled within his/her college. Second, in coordination with the Dean, Committees on Appointments and Promotions (CAP), and department chairs, the CDO is responsible for developing an "action plan" intended to increase the number of racial and ethnic minorities and women in the applicant pool for filling the faculty vacancies. To this end, the CDO works with departments to develop creative, innovative, and nontraditional methods to identify highly qualified ethnic minority and female faculty candidates. The plan, as envisioned, should detail active outreach efforts to be undertaken during the academic year to identify minority candidates. Such efforts might include, for example, active networking, where members of the CAP would contact colleagues at other peer institutions to identify prospective minority and women candidates; publishing vacancy notices in minority professional periodicals; using the Internet to identify so-called up and coming scholars whose academic interests and scholarship would make the person a good fit to fill a particular faculty vacancy; as well as attending minority professional conferences to identify prospective candidates.

The CDOs report directly both to the deans of their colleges and to the AAAC¹. Once the CDOs have completed their action plans, a meeting is scheduled to review the affirmative action plans with the AAAC. At this initial meeting, the CDOs discuss the number of faculty vacancies in their respective colleges, and efforts to be undertaken to

ensure that women and ethnic minorities will be considered to fill those positions. After this initial meeting, the AAAC meets regularly with the CDOs to monitor implementation of the action plans. At follow-up meetings, the CDOs are asked to report on the number of on-campus interviews conducted and whether ethnic minorities and women have been invited to interview on campus. The reason for this inquiry is to determine if the action plan has been effective. If no minorities or women, or relatively few, had been invited for on-campus interviews, this would obviously bring into question the effectiveness of the action plan, and whether the plan should be amended. Data on the national availability of women and minorities in the relevant fields is compared to the department's performance with the expectation that the performance will at least meet the national availability figures.

The CDOs are further asked to report on the number of faculty offers extended, and whether any offers have been extended to women and minority candidates. This is one important way of evaluating whether the action plan has been successful in identifying women and minority candidates. If no offers have been extended to either women or minority applicants, this suggests that efforts should be intensified to identify more women and ethnic minorities. Furthermore, if an offer has been extended, but rejected, the AAAC should examine the reasons for the rejection, e.g., salary offer not competitive, lack of research support, or a spousal hiring problem. Additionally, in the case of a pending offer, if there is a spousal hiring issue that the AAAC becomes aware of, the AAAC typically asks the Administration to explore the possibility of finding the spouse a faculty position in another college or department or to assist in locating suitable employment in the surrounding communities. Early intervention by the Administration often proves helpful in securing an acceptance of the offer.²

At the end of the academic year the CDOs are required to submit a final report to the AAAC summarizing the hiring efforts for the year. The final report describes the efforts undertaken to fill the faculty vacancies with women and ethnic minorities. The report further details the total number of on-campus visits, as well as offers and acceptances by race and gender. The CDOs are also asked to evaluate whether their action plans were successful and, if not, why not.

Finally, the AAAC takes the final reports submitted by the CDOs, and prepares a year-end report summarizing the progress made (or lack thereof) in increasing the ethnic and gender diversity of the faculty. The report is submitted to the Provost, and published in the *Notre Dame Report*.

B. Evaluation of the College Diversity Officer Affirmative Action Plans.

The College Diversity Officers were appointed for the first time in 1997, and asked to develop affirmative action plans for increasing faculty diversity. The results have been mixed. In 1996-97, before the College Diversity Officers began their work, there were 120 women on the regular teaching-and-research faculty. In 1997-98, that number increased from 120 to 127. In 1998-99, the number of women on the regular teaching-and-research faculty increased to 131; it reached 141 the following year, and in 2000-01 the number was 153. Thus, since the appointment of the College Diversity Officers in 1996-97, and implementation of the action plans, the number of women on the regular teaching-and-research faculty increased from 120 to 153, or by a total of 33 women. Although the total number of teaching-and-research faculty has also been growing during this same time period, the percentage of women on the teaching-and-research faculty has increased from 17.4 percent in 1996-97 to

¹ The AAAC meets periodically to set policy guidelines and to review the work of the two subcommittees. The full committee is divided into two subcommittees: the Recruitment Subcommittee, and the Promotion and Retention Subcommittee. The Recruitment Subcommittee is responsible for monitoring the colleges' affirmative action plans.

² In 1998-99, the Recruitment Subcommittee met with each department chair in each of the colleges of the University to evaluable efforts being made at the departmental level to increase faculty diversity.

20.7 percent in 2000-01. While the percentage of women has been steadily increasing, significant additional progress still needs to be made; indeed, the progress is not now as rapid as it was in the early 1990s.

The results have been even less impressive with respect to racial minorities. In 1996-97, there were 11 African-Americans on the regular teaching-and-research faculty (1.6 percent). In 2000-01, the number had increased to 16 (2.2 percent).

The number of Hispanics has remained relatively static, with the number of regular teaching-and-research faculty only increasing slightly over the last few years. In 1996-97, there were 25 Hispanics on the regular teaching-and-research faculty (3.6 percent). In 2000-01, the number of Hispanics has increased by five to 30 (4.1 percent). In light of the minimal progress that has been realized in increasing the number of African-Americans and Hispanics on the Notre Dame faculty, recruitment efforts and strategies must be re-examined.

The numbers cited above show the net change on the faculty over the period of time that the AAAC has established the practice of working with College Diversity Officers. The net change reflects not only new hires but also separations from the University. The hiring picture is a bit brighter.

The hiring patterns of the last six years reflect a growth in the total faculty as a consequence of new faculty lines being added as a part of the Colloquy plan which calls for 150 new faculty slots over a ten-year period. In the past six years, more than 80 new faculty positions have been added to the teaching-and-research faculty. It is not possible to separate the persons who occupy those new positions from other newly hired faculty who replace a faculty

member leaving the University.³ It has been our aim that the hiring patterns of departments at least reflect the national availability figures for the relevant disciplines. Over the past six years, 285 new teaching-and-research faculty members were hired. Eighty-six of them (30 percent) were women and 42 (15 percent) were racial or ethnic minorities. The rate at which women have been hired has been relatively constant over that period of time (2000-01 - 30 percent, 1999-2000 - 30 percent, 1998-99 - 30 percent, 1997-98 - 33 percent, 1996-97 - 34 percent, and 1995-96 - 23 percent). The hiring of minorities varies more significantly (2000-01 - 16 percent, 1999-2000 - 22 percent, 1998-99 - 13 percent, 1997-98 - 3 percent, 1996-97 - 24 percent, 1995-96 - 9 percent).

While the current profiles of most departments do not match the current availability figures, the departments typically have been built over a period of 30 years and the availability figures have changed significantly during that time period. A better test is to compare our recent hiring patterns with national availability figures. Our hiring of women over the last six years has been at the rate of 30 percent, while the percentage of women receiving Ph.D's in 1999 (the last year for which we have data) was 42.5 percent. That suggests that we are falling short of our goal. However, in the Notre Dame group most closely comparable to the newly minted Ph.Ds in 1999, assistant professors who were members of the teaching-and-research faculty in 1999-2000 the percentage of women was 40 percent. (At Notre Dame in 2000-01, women constituted 41 percent of the teaching-and-research faculty at the rank of assistant.) It is even more accurate to compare recent hiring percentages to the availability percentages in each discipline. The availability percentages vary widely by discipline. The 42.5

percent national figure includes Ph.D's in education⁴, where women received 64 percent of the Ph.D's in 1999 and Notre Dame has a small education program (associated with the ACE program) and consequently does not really hire in that field. It also includes engineering, and Notre Dame does have a College of Engineering, and only 15 percent of the engineering Ph.D.s were awarded to women in 1999⁵. In a number of disciplines, the percentage of assistant professors at Notre Dame equals or exceeds the national availability figures for new Ph.Ds. For example, in 2000-2001, in Anthropology five of seven (71 percent) assistant professors were women compared to national availability of 56 percent; and in Government five of seven (71 percent) assistant professors were women compared to national availability of 34 percent.

D. Promotion and Retention.

While recruiting a diverse faculty (both gender and ethnic diversity) is an important goal of the University, it is equally important to strengthen the structures that would facilitate the promotion and retention of racial and ethnic minority and women members of the faculty. Furthermore, any progress made in recruiting a diverse faculty may be undermined if women and minority faculty, for whatever reason, leave the University. With this in mind, the Academic Affirmative Action Committee formed a Subcommittee on Promotion and Retention to study the issues that are of most importance with respect to retaining minorities and women.

In 1997-98, the Subcommittee on Retention and Promotion of the AAAC conducted a series of focus group meetings with women and minority faculty

³ While it is possible to do so in isolated instances, it is not possible to do so for the group as a whole. Very often a department hires more than one person in a given year with one or more of the new hires occupying existing lines and one or more occupying new lines. There is no way to distinguish who is occupying a new line from who is occupying an already existing line unless the ranks differ.

⁴ There was a total of 41,140 doctoral degrees awarded in 1999. Doctoral degrees in education comprised 6,557 of the total and 4,196 of the education degrees were awarded to women.

⁵ There were 5,337 doctoral degrees awarded in all engineering fields, and women received only 791 of them.

to identify problems affecting promotion and retention and to suggest solutions. At these meetings, faculty expressed the need to have faculty mentors to assist incoming faculty in acclimating themselves to both the academic environment of the University, as well as the local community.

In 1998-99, based upon what was learned during the focus group meetings, the subcommittee determined that two distinct kinds of mentoring should be addressed: academic mentoring (providing guidance on professional matters, including, for example, navigating the tenure process, scholarship, teaching, and joint research) and informal mentoring (providing guidance about social structures of the University and the South Bend community).

The subcommittee met jointly with subcommittee members of the University Committee on Women Faculty and Students and the University Committee on Cultural Diversity, both of which had conducted their own research and discussions on the critical need of mentoring. Based on the recommendations made by these subcommittees, the University has implemented the following:

1. Academic Mentoring Program

Provost Nathan Hatch has recommended that the Deans of each of the Colleges establish a faculty mentoring program. The main objective of the mentoring program is to ensure that all departments have a plan in place to accommodate the academic needs of incoming faculty. Furthermore, in order for the academic mentoring programs to succeed, the support of the Deans is absolutely essential.

The University recognizes that a "one size fits all" mentoring program is not always desirable. Thus, Department Chairs should ask incoming faculty what particular type of mentoring they would find most helpful and whether they have a preference or suggestion for a mentor. Initially, the Chairs should suggest one-year pairings that could be renewed if the mentoring proves beneficial. To encourage faculty participation in the mentoring program, mentoring should be counted as a service contribution.

Additionally, Deans and Chairs are strongly urged to excuse incoming faculty from committee service during the

first year following a faculty appointment, and to require limited service on committees before tenure. The University recognizes that committee work can consume valuable time more appropriately directed towards teaching, research, and scholarship. However, limited committee work is appropriate both to make new faculty members aware of the expectation of participation in the work needed to promote the common good of the department, college and University, and to permit evaluation of a faculty members ability and willingness to so participate.

2. Social Mentoring Program

In 1999-2000, the Subcommittee on Promotion and Retention, together with the Committee on Cultural Diversity, organized a social mentoring program. Although motivated by the concerns raised by women and minority faculty members, the program is open to all faculty members. This service operates across all departments and colleges, and is intended to complement existing sources of information about Notre Dame and the South Bend community. For example, the social mentoring program might be helpful in introducing incoming ethnic minorities to other ethnic members of the faculty, as well as to members of the local ethnic community. It offers the opportunity to discuss University-related matters with a person outside the new faculty member's department and frees the discussion from the possibility that the mentor may one day sit in judgment on the new faculty member's tenure or promotion case.

The mentoring program operates on an informal basis. The mentors and mentees may decide to meet monthly for lunch, or talk by phone when a question arises, or combine e-mail and personal meetings. This informal service will not replace the usual sources of information about promotion and tenure—indeed, the faculty mentors are urged to refer tenure-track faculty to their department chairs for information about their own departmental procedures.

To date, the program has been well received by the faculty. In the first year of offering this service (1999-2000) 23 requests were received from recently hired faculty seeking a mentor. These

faculty were paired with senior faculty mentors. This year (2000-01) 12 such matches were made. The higher number of requests last year may partially reflect the desire of several junior faculty with more than one year of service to participate in this initiative, not just the group hired in the most recent year.

In order to obtain some feedback on the effectiveness of the social mentoring initiative, an informal email survey of the 1999-2000 participants was conducted. Of the 23 pairs (46 participants) 41 received the survey and 16 responded (seven mentees and nine mentors). The most common benefit stated by both groups is meeting new junior/senior faculty outside of one's department. The mentees responded almost equally to receiving benefits and not receiving benefits. Both mentors and mentees also made some suggestions for enhancing the effectiveness of the initiative.

Based on the information obtained from the survey and on committee discussions, the AAAC plans to (i) better communicate the purposes for the initiative and provide better guidance for both the mentor and mentee (ii) communicate somewhat more formally with participants, using typed letters in addition to e-mail messages and (iii) hold an informal social event soon after the pairings to bring together all mentors, mentees and AAAC members to discuss the expectations and guidelines as well as to provide a social occasion that will initiate communication between the mentors and their mentees. For the 2000-01 participants (12 pairs) a social event is being planned in September. Further, the AAAC plans to conduct a survey of participants annually to gather feedback about the program.

Report of the Subcommittee on Recruitment for the year 2000-01

During the 2000-01 academic year some progress was made to diversify the teaching-and-research faculty at the University of Notre Dame, but the percentages of women and minorities hired slipped below that of the preceding year. At the time of this writing, in July, 62 teaching-and-research faculty were hired for the coming academic year; additional hires can be expected to be finalized during the summer. Of

the 62, 18 are women (16 white and two minority) and nine are members of racial or ethnic minority groups (seven men and two women). In comparison, during 1999-2000 there were 60 hires, 26 of them women (19 white and seven minority) and 13 members of racial or ethnic minorities (six men and seven women).

With respect to filling 30 teaching-and-research faculty positions in the College of Arts and Letters, 10 were filled by women, and five were filled by members of a racial or ethnic minority group, including one Asian-American, one African-American (a woman), two Hispanics, and one person of mixed race. The Mendoza College of Business made 10 faculty hires, including three women and one ethnic minority (an Asian male). The College of Engineering hired 7 faculty members, including two African-Americans. All seven hires are men. Twelve offers to join the faculty of the College of Science were accepted, four by women. The Law School made three faculty hires, including one Hispanic man and a woman.

An examination of these numbers reveals that of 62 faculty hires, only three are African-American, and three are Hispanic or Latino. No African-Americans or Hispanics were hired to join the teaching-and-research faculty ranks in the Colleges of Business, or Science. Women were hired in all colleges except Engineering.

College of Arts and Letters

Despite the progress that is being made, in 2000-01 the overall picture of the college continued to be disappointing in light of the fact that the availability of women and minorities is relatively high in a large number of the disciplines represented in the college. There were 370 members of the regular teaching-and-research faculty of the College of Arts and Letters. Of this number, 29.5 percent were women (109 of 370) and 11 percent are ethnic minority (41 of 370).

Thirty-three positions were advertised for the 2001-02 academic year; all departments advertised widely and used various electronic networks. A number of special initiatives in the College were employed to attract both women and racial minorities to Notre Dame. For example, the Institute for Scholarship in

the Liberal Arts (ISLA) sponsors the Young Scholars Program, which helps departments identify and bring to campus pre-tenure minority and female scholars by inviting them to present a lecture at Notre Dame. Similarly, the African and African-American Studies Program brings to campus at least two Erskine Peters Fellows annually. However, because of the quality of the pool and the importance of the endeavor last year the College and the University funded four Fellows, and this coming year five such Fellows will be supported. Finally, each department's search committee has been encouraged to have an Affirmative Action designate.

In hiring 30 faculty members for the coming year, the College had hired a total of 10 women and five members of ethnic minorities (three men and two women) at the time this report was written. A number of departments continue to negotiate with prospective faculty, including a Senior African-American scholar in English. In comparison, last year 35 hires were made, 15 of whom were women and 10 were minorities (six of them women). Most of those hires were target-of-opportunity hires (TOP). The large number of TOP hires last year used more than two years of TOP money. This year's lower numbers reflect this reduced flexibility.

To continue to address the hiring situation, a number of initiatives have been put in place by departments for next year that include establishing both internal and external committees whose task is to identify and bring to campus women and minority candidates. Of course, ISLA will continue to bring young scholars to campus, as will the African and African-American Studies Program.

Mendoza College of Business

As of fall 2000, the Mendoza College of Business had 93 teaching-and-research faculty members—16 percent of them were women (15 of 93) and 22.6 percent were racial or ethnic minorities (21 of 93). The Mendoza College of Business continued to make progress towards diversifying its faculty, filling 10 faculty positions with three women and one ethnic minority (one Asian-American

man). Thus, 40 percent of the new faculty hires are women and racial minorities. Further, the hiring of a male faculty member in the department of management reflects inter-departmental cooperation in that this person is the spouse of a female faculty member in another department. Moreover, concerning the white male hires, it should be noted that two were in MIS and one in Operations; the availability of minorities and women in these areas is quite low. The previous year the college hired 10 new faculty, including four women (one of whom was Asian-American) and two minority men.

All the departments advertised widely, including internet based sites that are sponsored by key professional organizations. Contacts were also made with faculty and department chairs of target schools from which MCOB would like to hire Ph.D. candidates. While directories of women and minority Ph.D. candidates have been examined, they have not been very helpful since the listings are quite broad. All departments that hired had active search committees (sometimes separate from the respective Committees on Appointments and Promotions). The committees worked diligently and aggressively to identify and pursue qualified minority and women candidates. These efforts resulted in eight (50 percent) of the 16 persons invited to campus for interviews being women and minority candidates.

College of Engineering

As of fall semester 2000, the College of Engineering had 88 teaching-and-research faculty members. Four of them (4.5 percent) were women and 15 (17 percent) were racial or ethnic minorities. The College of Engineering recruited to fill 13 faculty vacancies. Only seven of those positions have been filled as of the time of this writing. While all of the hires are men, it is noteworthy that two of them are African-Americans. One of these African-American men is joining the Department of Aerospace and Mechanical Engineering and the other will be a member of the Department of Chemical Engineering. These are significant achievements given the historically low availability of African-Americans in all

areas of engineering. The College of Engineering should be commended for continuing its proactive efforts to diversify its faculty. The previous year the college hired one woman and three white men.

College of Science

In the fall of 2000 the College of Science had 17 women (12 percent) among the 137 teaching-and-research faculty and 16 (11.6 percent) persons from historically under-represented minority groups. It is noteworthy that the college has two departments (Mathematics and Physics) in each of which there are three women at the rank of full professor. The College of Science recruited to fill 14 faculty positions. Twelve of those positions have been filled, 4 by women and one by an Asian-American man.

In addition, over the last ten years, the College has used junior, or term, chairs to hire seven women (two of whom were ethnic minorities) and one minority male. The College also makes special efforts in the area of spousal hiring. There are eight couples, both members of which are on the faculty of the College. Offers to join the faculty of the College are currently pending to two more couples.

Law School

As of last fall, the law school faculty had 31 teaching-and-research faculty members, consisting of six women (19 percent) and three (10 percent) racial and ethnic minority members of the faculty. The number of women on the law faculty does not compare favorably when measured against peer law schools, many of which average over 30 percent women on their faculties. The Law School recruited to fill five faculty vacancies. Eight prospective faculty members were invited for on-campus interviews consisting of three women, one Hispanic male and four white males. Thus half of the on-campus interviews were women or minorities. Offers were extended to three candidates, one white man, one Hispanic man and one white woman. All three offers have been accepted.

FACULTY STATISTICS

The following tables are similar to those published for the last several years. They describe the composition of the

faculty during academic year 2000-01 and do not reflect the hiring done for next fall. The first three show the breakdown between men and women on the faculty and the last four provide information about the presence on the faculty of persons from minority groups.

The first table in each set (Tables 1 and 4) deals with the total faculty and includes all faculty members without regard to whether they are U.S. citizens, permanent residents, or nonresident aliens. Those tables provide a comprehensive view of the entire faculty. The second and subsequent tables in each set (Tables 2, 3, 4, 5.1, and 6) include data only for those members of the faculty who are U.S. citizens or permanent residents. Compliance with federal equal employment law is determined only with respect to employees who are U.S. citizens and permanent residents, and we must construct the tables accordingly.

There was a small increase in the overall percentage of women on the faculty (from 27.6 percent to 28.7 percent) and similar increase in the overall percentage of minority faculty members (from 12.1 percent to 13.1 percent) from academic year 1999-2000 to 2000-01.

Within the ranks of the teaching-and-research faculty, the number of female full and associate professors increased, while there was a small decrease in the number of female assistant professors (from 61 to 58). The decrease in the number of assistant professors is, no doubt, related to the fact that the number of women associate professors increased from 44 to 57. A larger number were promoted than were hired in as assistants (the cohorts hired in 1993-94 and 1994-95 had a large percentage of women). The total number of regular teaching-and-research minority faculty members increased from 87 to 93.

Tables 3 and 6 compare the actual presence on the Notre Dame faculty of women and minority faculty members with a national availability figure. Unfortunately for the past several years, we have been unable to obtain cumulative numbers for use as the national availability percentage. Therefore, the availability percentage is computed using the number of Ph.D.s awarded to

women or minorities in the various fields in 1999 (the most recent year for which there is such data). This information is obtained from the National Opinion Research Council at the University of Chicago, which surveys all U.S. doctoral granting institutions. Because the availability percentage is computed using the number of degrees awarded in a single year, the availability figure is subject to more change from one year to the next than it would be if it were computed using data from several years. This is especially true in fields in which very small numbers of Ph.D.s are awarded. In most disciplines the change from the availability percentage used in last year's report to the percentage used this year is not great, in a few disciplines the change is significant. The availability percentage in both tables 3 and 6 are computed using only degrees awarded to U.S. citizens and permanent residents because, for reasons explained above, the departmental numbers and figures are based only upon those faculty members who are U.S. citizens and permanent residents.

TABLE 1

**Total Male/Female Composition for 2000-01 by Faculty Categories,
Number of Faculty, and Percentages¹**

Faculty Category	Total	Men	Women
Total Faculty	1538	1097 (71.3%)	441 (28.7%)
<u>REGULAR</u>			
Total Regular	1125	810 (72.0%)	315 (28.0%)
Teaching and Research	738	585 (79.3%)	153 (20.7%)
Special Professional	264	147 (55.7%)	117 (44.3%)
Research	25	19 (76.0%)	6 (24.0%)
Library	54	25 (46.3%)	29 (54.0%)
Other	44	34 (77.3%)	10 (22.7%)
<u>NON-REGULAR</u>			
Total Non-Regular	413	281 (68.0%)	132 (32.0%)
Teaching and Research	372	264 (71.0%)	108 (29.0%)
Special Professional	6	3 (50.0%)	3 (50.0%)
Research	3	1 (33.3%)	2 (66.6%)
Library	2	1 (50.0%)	1 (50.0%)
Other	30	12 (40.0%)	18 (60.0%)

¹Includes U.S. citizens, permanent residents, and nonresident aliens.

TABLE 2

**Male/Female Composition for 2000-01 by Faculty Categories and Rank
U.S. Citizens and Permanent Residents Only¹**

	REGULAR FACULTY			NON-REGULAR FACULTY		
	Total	Men	Women	Total	Men	Women
TOTAL	1081	776	305	321	217	104
Teaching and Research						
Subtotal	53	25	28	2	1	1
Full	317	288	29	45	41	4
Associate	244	187	57	46	41	5
Assistant	142	84	58	117	80	37
Instructor	5	2	3	85	41	44
Special Professional						
Subtotal	53	25	28	2	1	1
Full	53	42	11	0	0	0
Associate	89	49	40	1	1	0
Assistant	112	50	62	4	1	3
Staff	3	2	1	1	1	0
Research						
Subtotal	53	25	28	2	1	1
Full	5	4	1	1	0	1
Associate	7	5	2	0	0	0
Assistant	8	3	5	1	1	0
Library						
Subtotal	53	25	28	2	1	1
Full	16	7	9	0	0	0
Associate	20	9	11	0	0	0
Assistant	14	8	6	0	0	0
Instructor	3	1	2	2	1	1
Other	43	33	10	18	9	9

¹Note this differs from Table 1, which includes nonresident aliens.

TABLE 3

**Female Availability and Composition
Regular Teaching and Research and Library Faculty, 2000-2001**

School	Female Availability ¹	Women Actual ²	Full	Associate	Assistant	Instructor
Arts and Letters						
American Studies	56.9%	1 (25.0%)	0	0	1	0
Anthropology	56.0%	8 (58.3%)	0	3	5	0
Art, Art History and Design	69.5%	6 (33.3%)	0	4	2	0
Classics	40.0%	3 (30.0%)	0	1	2	0
East Asian Lang.	59.3%	1 (20.0%)	0	0	0	1
Economics	30.5%	3 (12.5%)	0	2	1	0
English	60.9%	17 (44.7%)	6	6	4	1
Film, Television and Theatre	53.0%	6 (60.0%)	1	1	3	1
German and Russian Lang.	62.5%	3 (33.3%)	1	0	2	0
Government and Int'l Studies	34.3%	7 (22.6%)	1	1	5	0
History	40.0%	6 (25.0%)	1	3	2	0
Music	40.6%	6 (46.2%)	1	4	1	0
Philosophy	25.1%	4 (11.1%)	2	2	0	0
Program of Liberal Studies	NA	3 (21.4%)	0	2	1	0
Psychology	67.4%	9 (33.3%)	2	5	2	0
Romance Lang.	67.6%	8 (44.4%)	2	3	3	0
Sociology	63.7%	7 (30.4%)	2	3	2	0
Theology	23.5%	8 (21.0%)	1	4	3	0
Business						
Accountancy	42.1%	4 (18.2%)	0	1	3	0
Finance	29.9%	3 (12.0%)	0	1	2	0
Management	38.5%	4 (15.4%)	0	1	3	0
Marketing	37.8%	3 (21.4%)	0	0	3	0
Engineering						
Aerospace and Mechanical	11.7%	0 (0%)	0	0	0	0
Chemical	19.2%	2 (14.3%)	1	0	1	0
Civil and Geological	21.7%	1 (6.7%)	0	1	0	0
Computer Science	20.7%	1 (11.1%)	0	1	0	0
Electrical	9.6%	0 (0%)	0	0	0	0
Science						
Biological Sciences	45.2%	7 (21.9%)	0	4	3	0
Chemistry and Biochemistry	33.8%	2 (7.7%)	0	0	2	0
Mathematics	31.7%	3 (8.3%)	3	0	0	0
Physics	14.1%	4 (11.1%)	3	1	0	0
Architecture	NA	0 (0%)	0	0	0	0
Law School	NA	6 (20.0%)	2	2	2	0
Library	NA	23 (52.3%)	7	8	6	2
Law Library	NA	5 (55.6%)	2	2	1	0

¹Availability based on Ph.D.s awarded nationally in 1999. Source. Preliminary Number of Research Doctorates by Fine Fields of Doctorate, Race/Ethnicity, Citizenship and Gender 1999, National Opinion Research Center at the University of Chicago. Availability computed using degrees earned only by U.S. citizens and permanent residents.

²U.S. citizens and permanent residents.

TABLE 4

Minority Composition for 2000-01 Faculty Categories, Number of Faculty and Percentages¹

Faculty Category	Total	Total Minority	African/ African Am.	Asian/ Pacific Is.	Hispanic	Native Am.
TOTAL FACULTY	1538	201 (13.1%)	37 (2.4%)	88 (5.7%)	72 (4.7%)	4 (0.3%)
<u>REGULAR</u>						
Total Regular	1125	145 (12.9%)	26 (2.3%)	70 (6.2%)	46 (4.1%)	3 (0.3%)
Teaching and Research	738	99 (13.4%)	16 (2.2%)	51 (6.9%)	30 (4.1%)	2 (0.3%)
Special Professional	264	38 (14.4%)	8 (3.0%)	13 (4.9%)	16 (6.1%)	1 (0.4%)
Research	25	4 (16.0%)	0 (0%)	4 (16.0%)	0 (0%)	0 (0%)
Library	54	2 (3.7%)	1 (1.9%)	1 (1.9%)	0 (0%)	0 (0%)
Other	44	2 (4.5%)	1 (2.3%)	1 (2.3%)	0 (0%)	0 (0%)
<u>NON-REGULAR</u>						
Total Non-Regular	413	56 (13.6%)	11 (2.7%)	18 (4.4%)	26 (6.3%)	1 (0.2%)
Teaching and Research	372	42 (11.3%)	7 (1.9%)	18 (4.8%)	16 (4.3%)	1 (0.3%)
Special Professional	6	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Research	3	1 (33.3%)	0 (0%)	0 (0%)	1 (33.3%)	0 (0%)
Library	2	1 (50.0%)	0 (0%)	0 (0%)	1 (50.0%)	0 (0%)
Other	30	12 (40.0%)	4 (13.3%)	0 (0%)	8 (26.6%)	0 (0%)

¹Includes U.S. citizens, permanent residents, and nonresident aliens.

TABLE 5

**Minority Composition for 2000-01 by Faculty Categories and Rank
U.S. Citizens and Permanent Residents Only¹**

REGULAR FACULTY

Category	Total	Total Minority	African/ African Am.	Asian/ Pacific Is.	Hispanic	Native Am.
TOTAL	1081	134	25	62	44	3
Teaching and Research						
Subtotal	708	94	16	47	29	2
Full	317	39	2	21	16	0
Associate	244	29	6	14	9	0
Assistant	142	24	6	12	4	2
Instructor	5	2	2	0	0	0
Special Professional						
Subtotal	257	34	7	11	15	1
Full	53	4	0	2	2	0
Associate	89	10	2	4	4	0
Assistant	112	20	5	5	9	1
Staff	3	0	0	0	0	0
Research						
Subtotal	20	2	0	2	0	0
Full	5	0	0	0	0	0
Associate	7	0	0	0	0	0
Assistant	8	2	0	2	0	0
Library						
Subtotal	53	2	1	1	0	0
Full	16	1	1	0	0	0
Associate	20	0	0	0	0	0
Assistant	14	0	0	0	0	0
Instructor	3	1	0	1	0	0
Other	43	2	1	1	0	0

¹Note this differs from Table 4, which includes nonresident aliens.

TABLE 5.1

**Minority Composition for 2000-01 Faculty Categories and Rank
U.S. Citizens and Permanent Residents Only¹**

NON-REGULAR FACULTY

	Total Minority	Total American	African Pacific Is.	Asian	Hispanic	Native Am.
TOTAL	321	42	10	13	18	1
Teaching and Research						
Subtotal	293	36	6	13	16	1
Full	45	3	0	2	1	0
Associate	46	5	0	2	3	0
Assistant	117	10	2	4	4	0
Instructor	85	18	4	5	8	1
Special Professional						
Subtotal	6	0	0	0	0	0
Associate	1	0	0	0	0	0
Assistant	4	0	0	0	0	0
Staff	1	0	0	0	0	0
Research						
Subtotal	2	0	0	0	0	0
Full	1	0	0	0	0	0
Assistant	2	0	0	0	0	0
Library						
Subtotal	2	1	0	0	1	0
Instructor	2	1	0	0	1	0
Other						
Subtotal	18	5	4	0	1	0

¹Note this differs from Table 4, which includes nonresident aliens.

TABLE 6
Minority Availability and Composition Regular Teaching and Research Faculty 2000-01

School	Total Minority Availability ¹	Minority Actual ²	Black Availability	Black Actual	Asian Availability	Asian Actual	Hispanic Availability	Hispanic Actual	Native Am. Availability	Native Am. Actual
Arts and Letters										
American Studies	26.7%	0	16.3%	0	3.5%	0	3.5%	0	3.5%	0
Anthropology	14.5%	3(20.0%)	4.2%	0	5.0%	1(6.7%)	3.2%	1(6.7%)	2.1%	1(6.7%)
Art	10.2%	4(22.2%)	1.8%	1(5.6%)	6.0%	1(5.6%)	1.8%	2(11.1%)	0.6%	0
Classics	6.6%	1(10.0%)	1.3%	0	1.3%	1(10.0%)	1.3%	0	2.7%	0
East Asian	37.0%	2(40.0%)	3.7%	0	33.0%	2(40.0%)	0%	0	0%	0
Economics	21.8%	7(29.1%)	5.2%	1(4.2%)	12.4%	5(20.8%)	3.9%	1(4.2%)	0.2%	0
English	11.8%	4(10.5%)	4.8%	3(7.9%)	3.5%	0	3.2%	1(2.6%)	0.2%	0
FTT	13.3%	0	8.4%	0	2.4%	0	2.4%	0	0%	0
German and Russian	6.3%	0	2.1%	0	4.2%	0	0%	0	0%	0
Government	16.2%	4(12.9%)	6.2%	1(3.2%)	5.1%	2(6.5%)	3.9%	1(3.2%)	1.0%	0
History	11.6%	2(8.3%)	3.5%	1(4.2%)	4.6%	0	3.1%	1(4.2%)	0.4%	0
Music	12.5%	0	4.0%	0	6.1%	0	2.0%	0	0.3%	0
Philosophy	7.7%	2(5.6%)	0.6%	0	3.5%	2(5.6%)	2.3%	0	1.3%	0
PLS	NA	1(7.1%)	NA	1(7.1%)	NA	0	NA	0	NA	0
Psychology	16.7%	2(7.4%)	5.4%	1(3.7%)	4.0%	0	6.3%	1(3.7%)	1.1%	0
Romance Lang.	32.1%	3(16.7%)	3.4%	0	3.1%	0	25.2%	3(16.7%)	0.3%	0
Sociology	23.7%	5(21.7%)	10.7%	0	6.4%	2(8.7%)	5.7%	3(13.0%)	0.9%	0
Theology	18.0%	1(2.6%)	5.7%	1(2.6%)	9.6%	0	2.5%	0	0.2%	0
Business										
Accountancy	22.3%	6(27.2%)	9.1%	2 (9.1%)	10.7%	2(9.1%)	2.5%	2(9.1%)	0%	0
Finance	21.1%	3(12.0%)	5.3%	0	11.9%	2 (8.0%)	3.6%	1(4.0%)	0.4%	0
Management	19.1%	7(26.9%)	9.3%	1 (3.8%)	6.8%	5(19.2%)	2.5%	0	0.5%	1 (3.8%)
Marketing	11.0%	2(14.3%)	0%	1 (7.1%)	9.7%	1(7.1%)	1.2%	0	0%	0
Engineering										
Aero. and Mech.	22.6%	4(16.0%)	2.2%	0	18.3%	3(12.0%)	1.7%	1(4.0%)	0.4%	0
Chemical	20.7%	4(28.6%)	3.0%	0	15.1%	2(14.3%)	2.1%	2(14.3%)	0.6%	0
Civil and Geological	19.5%	1(6.7%)	1.9%	0	11.9%	1(6.7%)	4.3%	0	1.4%	0
Computer Science	27.0%	2(22.2%)	4.0%	0	20.1%	2(22.2%)	2.8%	0	0.2%	0
Electrical	29.1%	2 (9.5%)	3.6%	0	21.2%	2(9.5%)	4.2%	0	0.2%	0
Science										
Biological Sciences	22.8%	1(3.1%)	2.8%	0	15.0%	1(3.1%)	4.0%	0	0.5%	0
Chem. and Biochem.	21.0%	2(7.7%)	3.4%	1(3.8%)	14.3%	1(3.8%)	3.0%	0	0.3%	0
Mathematics	14.4%	10 (27.7%)	2.0%	0	9.8%	7(19.4%)	2.5%	3(8.3%)	0.2%	0
Physics	11.8%	3 (8.3%)	1.2%	0	8.2%	2(5.6%)	1.8%	1(2.8%)	0.6%	0
Architecture	NA	1(8.3%)		0		0	1 (8.3%)		0	
Law	NA	3(10.0%)		1(3.3%)		0		2(6.7%)		0

¹ Availability based on Ph.D.s awarded nationally in 1999. Source: *Preliminary Number of Research Doctorates by Fine Fields of Doctorate, Race/Ethnicity, Citizenship and Gender 1999*, National Opinion Research Center at the University of Chicago. Availability computed using degrees earned only by U.S. citizens and permanent nonresidents.

² Includes U.S. citizens and permanent residents.

University Committee on Libraries

May 10, 2001

The meeting was called to order at 7:30 a.m. in Café DeGrasta by Chairman Harvey Bender. Also in attendance were John Adams, Gail Bederman, Eugene Halton, Margaret Porter, Walter Pratt, Larry Rapagnani, Laurence Taylor, Jennifer Younger, Joanne Bessler, Gay Dannelly and Dan Marmion, and secretary Melodie Eiteljorge.

The minutes of the meeting of April 12, 2001 were approved as written.

Younger announced two new members for next year: Karen Richman, Anthropology and Stephen Silliman, Engineering.

Bessler reported on the renovation progress, which will include the move of reserve bookroom into microtext, microtext into current periodicals; Rare books, Special Collections will move into the reserve book room. ISRC will be closed, its content moved to NITA. Use of this space has not yet been firmly decided on. New office space will be built in the southwest area of the second floor.

At the last meeting a question was raised regarding a best practice percentage of library seats for the number of students enrolled. Bessler reported that 35% of the student body is a superior rating, according to the Association of College and Research Libraries (ACRL) standards. For Notre Dame that would be 3500 seats. We plan to have 2100 seats in flexible and appealing configurations. The University is also planning for additional study space on campus, and campus-wide we will provide sufficient study space to meet the standard.

Bender asked about facilities for sight and hearing impaired patrons. Younger replied that there is already a room on the second floor that is equipped to accommodate these patrons. Bender further suggested that members of the planning team meet with Scott Howland, Office for Students with Disabilities.

Gay Dannelly reported on the successful conclusion of negotiations regarding access to the electronic version of "Nature".

She also introduced a draft of a policy on "Access to Rare Book and Special Collections Materials". This was precipitated by a request from a faculty member that a collection of manuscripts be sequestered for exclusive use. Some revisions were suggested, which will be completed over the summer for a vote by the committee in the fall.

Younger welcomed Barbara Hanrahan, Director of the Notre Dame Press. Hanrahan spoke about developments at the press regarding journal publication. She does not see electronic journals replacing print journals, but rather developing along with print. She also reported that the press is trying to build a reasonably sized journals publication program.

The press also joined netLibrary, which offers presses an opportunity to make a certain percentage of their backlist available electronically. Notre Dame Press selected 250 titles. Each additional title costs \$600 to scan, unless it is requested by netLibrary due to demand. Electronic access increases the demand for keeping a book in print, contrary to the thought that online access will crowd out the requests for print.

In response to a question regarding print-on-demand, Hanrahan responded that as a publisher she likes to have as many options as possible. Print-on-demand is used mainly for short runs, which are expensive to keep in print.

Younger thanked Hanrahan for meeting with the committee.

At an earlier meeting Roger Jacobs introduced a resolution to encourage University support to publish Notre Dame journals online as well as in print. As requested, Younger has been looking at other models, which include support from the campus library or press to put journals online. Younger has learned from Jeff Kantor that he is also receiving requests from others on campus to put their journals online. "American Midland Nationalist" is already online.

Younger presented the question of whether UCL or the Provost Office should look into Notre Dame journals online. By consensus it was agreed to ask Kantor to form a group.

An organizational meeting was set for August 30, 2001 at 7:30 a.m.

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

Respectfully submitted,

Melodie Eiteljorge
Secretary

University Committee on Libraries

August 30, 2001

The meeting was called to order at 7:30 a.m. Grace Hall Café DeGrasta by Chairman Harvey Bender. Also in attendance were John Adams, Gail Bederman, Maureen Boulton, Roger Jacobs, David Mengel, Brian Moscona, Mark Pilkinton, Margaret Porter, Walter Pratt, Larry Rapagnani, Laurence Taylor, John Weber, Jennifer Younger, observer Joanne Bessler and secretary Melodie Eiteljorge.

1. Welcome, introductions and review of committee roster, and agenda review: Younger welcomed new and returning members to the committee. She invited all to attend the morning sessions of the Advisory Council for University Libraries (ACUL) fall meeting, September 21, 2000 in the McKenna Hall auditorium. She distributed the agenda for that meeting and pointed out three particular sessions of interest:

8:45-9:15 -- An update on renovation with project manager Paula Carlacchini and architect William Ponko.

9:15-10:45 -- "Digital Libraries and Services," presented by Daniel Greenstein, Director, Digital Library Federation.

11:15-11:45 -- "Grading the Internet," presented by ACUL member Vincent Friedewald, Jr., M.D. Dr. Friedewald is also an adjunct professor at Notre Dame. "Grading the Internet" was a project for students in his class last year.

2. Election of chair: Jacobs nominated Harvey Bender to continue as chair of the committee. Boulton seconded. There were no other nominations. Bender agreed to serve a final term as chair.

3. **Approval of minutes:** The minutes of the meeting of May 10, 2001 will be redistributed for approval at the next meeting.

4. **Set meeting schedule for 01-02:** It was agreed that Thursday mornings have been a good meeting time and that the second Thursday of each month is preferable whenever possible. Based on this and the academic calendar, the following schedule was set for the semester. All meetings are 7:30-8:30 a.m. at Café DeGrásta.

September 20, 2001
October 11, 2001
November 8, 2001
December 13, 2001
January - no meeting
February 14, 2001
March 21, 2002
April 11, 2001
May 2, 2001

5. **Director's report on the University Libraries Self Study 2001:** The last self study for the Libraries was done in 1998. For the current study, we are using the same outline of questions that is used in academic departments. The report is due September 30.

Younger is in the process of writing a status report on the 14 recommendations that came from the post-colloquy Ad Hoc Committee on University Libraries. Once completed, she will share her report with this committee.

Younger asked for questions, comments and suggestions.

Several questions were raised regarding book acquisition strategies and what kind of review has been done. Younger indicated that we have reviewed approval plan profiles primarily within the context of current funding, although approval plans in some areas—for example for languages and literatures—have been expanded moderately.

Questions were raised as well about interlibrary loan services, with particular mention that notifications to patrons are irregular when the books are not available. It was suggested that further discussion of ILL services be put on the agenda later in the fall.

The third area of discussion related to retrospective acquisitions. It was noted

that colloquy funding did provide money for retrospective acquisitions. Currently there is only a small amount of funding for this. It should also be noted that the non-salary budget from the University, of which the library acquisitions budget is a part, has not increased for inflation in the last several years. Income from endowment, however, has increased and has provided the means for meeting inflationary price increases. However, this is likely to be a significant concern in the future.

It was suggested that Younger consult self studies and external reviews from other departments for references to library needs. She will contact the Graduate School to acquire this information.

6. **Review of University Committee on Libraries: charge, composition, proceedings:** Recommendation #14 of the Ad Hoc Committee on University Libraries report addressed the restructuring of the University Committee on Libraries. This has been done with the exception of the last line: "The committee should report annually to the Academic Council." There was a discussion of this with one suggestion that an annual report be submitted to the council. The minutes in Notre Dame Report also serve as a means of reporting. It was generally agreed that this recommendation should be viewed as an opportunity. Younger will make some inquiries about how this should work, and the committee will discuss further what should be reported in the spring of 2002.

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

Respectfully submitted,

Melodie Eiteljorge
Secretary

Departmental Awards Received and Proposals Submitted

In the period August 1, 2001 to August 31, 2001.

Category	AWARDS RECEIVED		PROPOSALS SUBMITTED	
	No.	Amount	No.	Amount
Research	54	\$5,021,986	38	\$25,320,653
Instructional Programs	2	751,076	1	107,295
Other Programs	1	24,497		
Total	57	\$5,797,559	39	\$25,427,948

FISCAL YEAR-TO-DATE CUMULATIVE

Category	AWARDS RECEIVED		PROPOSALS SUBMITTED	
	No.	Amount	No.	Amount
Research	98	\$9,011,574	75	\$39,567,942
Facilities and Equipment	0	0	0	0
Instructional Programs	4	882,659	1	107,295
Other Programs	1	24,497	0	0
Service Programs	0	0	0	0
Total	103	\$9,918,730	76	\$39,675,237

Awards Received:

August 1, 2001 through August 31, 2001

Aerospace and Mechanical Engineering

Corke, Thomas C.

Phased Plasma Actuators for Unsteady Flow Control

Department of Army

\$114,729

24 months

Powers, Joseph Michael

Modelling Combustion of Energetic Materials with Intrinsic

Low Dimensional Manifolds

Los Alamos National Laboratory

\$21,000

36 months

Renaud, John E.

Managing Uncertainty in Bilevel Robust Design Optimization

National Science Foundation

\$84,843

12 months

Thomas, Flint Owen; Nelson, Robert Charles

Unsteady Aspects of High-Lift Flows

National Aeronautics and Space Administration

\$31,053

16 months

Alliance for Catholic Education

Johnstone, Joyce V.

Dissemination of Indiana Educator "best practices" via the

Worldwide Web

Christel DeHaan Family Foundation, Inc.

\$30,000

12 months

Art, Art History and Design

Tomasula, Maria C.

Baroque Proposals, a Series of Oil Paintings

Howard Foundation

\$20,000

12 months

Biological Sciences

Collins, Frank Hadley

Experimental Parasitology and Vector Biology

National Institutes of Health

\$111,998

24 months

Lodge, David M.

Predicting Future Invaders from Theoretical Models

Purdue University

\$3,000

10 months

Lodge, David M.

EPA Fellowship for John Drake

Environmental Protection Agency

\$34,000

36 months

Tenniswood, Martin; Packman, Kathryn E.

Genesis of the Invasive Phenotype in Prostate Cancer

American Cancer Society

\$118,000

36 months

Chemical Engineering

Brennecke, Joan F.

Supercritical CO₂ Extraction of Coal Macerals

PG Research Foundation, Inc.

\$29,000

12 months

Palmer, Andre F.

Engineering Artificial Cells

National Science Foundation

\$74,886

9 months

Chemistry and Biochemistry

Castellino, Francis

Structure-Function Studies of Plasminogen and Plasmin

National Institutes of Health

\$372,500

23 months

Miller, Marvin J.

Design, Syntheses and Studies of New Therapeutic Agents

Eli Lilly Company

\$450,000

36 months

Rosen, Elliot D.; Castellino, Francis J.

Hemostatic Balance and Arterial Thrombosis

National Institutes of Health

\$496,875

24 months

Sevov, Slavi C.

Solution and Solid State Chemistry of Homo-and Hetero-

Atomic Deltahedral Clusters

National Science Foundation

\$116,446

11 months

Civil Engineering and Geological Sciences

Kareem, Ahsan

Full-Scale Study of the Behavior of Tall Buildings Under Winds

National Science Foundation

\$80,788

24 months

Kurama, Yahya C.

Industrial Match to NSF CAREER Grant No. CMS98-74872

Portland Cement Association

\$10,000

24 months

Spencer, Billie F.

3-D Shaking Table Investigation of Methodology for Analysis

The George Washington University

\$20,000

24 months

Spencer, Billie F.

Smart Damping for Seismic Protection

National Science Foundation

\$50,000

42 months

Westerink, Joannes J.

ADCIRC: Model for Shelves, Coasts and Estuaries to the
Texas Gulf Coast
Texas Water Development Board
\$21,000 11 months

Computer Science and Engineering**Freeh, Vincent W.**

Effectively Managing Transient Peak Loads in Web Servers
International Business Machines
\$10,000 27 months

Electrical Engineering**Goodwine, John W.; Antsaklis, Panos J.; Lemmon, Michael D.**

ITR/SY: Verification and Supervisory Control of Hybrid
Embedded Systems
National Science Foundation
\$366,698 36 months

Fay, Patrick J.; Seabaugh, Alan C.

Antimonide-based Compound Semiconductors
Hughes Research Laboratory
\$55,217 46 months

Government and International Studies**Mainwaring, Scott P.**

Foreign Language and Area Studies Fellowships
Indiana University Bloomington
\$54,000 24 months

Welna, Christopher J.

Building Capacity for Social Progress: A Partnership for
Leadership Development
Department of Education
\$29,321 12 months

Keough Institute for Irish Studies**Deane, Seamus F.; Smyth, Mary Ann**

Partition and Memory: An International Conference
U.S. Institute of Peace
\$39,000 9 months

Mathematics**Faybusovich, Leonid**

Geometric Aspects of Interior-Point Algorithms of
Optimization
National Science Foundation
\$95,000 36 months

Nicholls, David P.

High Order Boundary Perturbation Methods for Boundary
Value and Free Boundary Problems
National Science Foundation
\$64,541 25 months

Sommese, Andrew J

Collaborative Research: Software for decomposing Solution
Sets of Polynomial Systems
National Science Foundation
\$62,267 12 months

Philosophy**Sterba, James P.**

Ethics, Political Philosophy, Feminism, Environmental Ethics
National Humanities Center
\$4,000 8 months

Physics**Garcia, Alejandro; Gargg Umesh**

Physics REU Program at the University of Notre Dame
National Science Foundation
\$487,450 24 months

Garg, Umesh

"Complete" Spectroscopy at High Angular Momentum in
Nuclei in the Vicinity of the Neutron Magic Number $N=50$
National Science Foundation
\$30,090 36 months

Garnavich, Peter M.

SINS: The Supernova Intensive Study—Cycle 10
Space Telescope Science Institute
\$15,000 24 months

Garnavich, Peter M.

Supernovae and the Universe
National Aeronautics and Space Administration
\$102,519 24 months

Garnavich, Peter M.

Light Echos and the Nature of Type Ia Supernovae
Space Telescope Science Institute
\$15,538 24 months

Garnavich, Peter M.

Light Echos and the Nature of Type Ia Supernovae
Space Telescope Science Institute
\$23,307 24 months

LoSecco, John M.

Research in CP Violation in the B Meson Sector
Department of Energy
\$60,000 12 months

Shephard, William D.; Cason, Neal M.; Ruchti, Randal C.; Wayne, Mitchell R.; Hildreth, Michael D.

Research in Hadron Collider Physics
National Science Foundation
\$455,000 12 months

Psychology**Boker, Steven M.**

Quantitative Psychology Lab Equipment
National Collegiate Athletic Association
\$5,100 12 months

Borkowski, John Gregg; Whitman, Thomas Lee

Research Training in Mental Retardation
National Institutes of Health
\$125,300 36 months

Cummings, E. Mark

Family Process, Emotional Security, and Child Adjustment
University of Rochester
\$203,609 32 months

Merluzzi, Thomas V.

Enhancing Self-Efficacy with Solution-Focused Therapy
National Institutes of Health
\$54,516 12 months

Radiation Laboratory**Kamat, Prashant V.**

Mechanism of Indo Dye Formation and Its Stability in Hair
Proteins
Unilever Research U.S.
\$74,173 12 months

Sociology**Spillman, Lynette P.**

Markets and Meaning: Cultural Dimensions of Retail Market
Exchange
J.S. Guggenheim Memorial Foundation
\$35,000 12 months

Williams, Richard A.

The Effect of Racial, Economic, and Institutional
Characteristics on Home Mortgage Lending to Underserved
Markets.
National Science Foundation
\$114,450 24 months

The Graduate School (Other)**Diffley, Peter**

Doctoral Award for Sr. LaReine-Marie Mosely
The Fund for Theological Education, Inc.
\$15,000 12 months

Diffley, Peter

Fellowship for Margaret Watkins-Tate
Dolores Zohrab Liebmann Fund
\$19,396 12 months

Diffley, Peter

Fellowship for Joseph Doerr
Dolores Zohrab Liebmann Fund
\$19,396 12 months

Diffley, Peter

Fellowship for David Maxwell
Dolores Zohrab Liebmann Fund
\$19,396 12 months

Diffley, Peter

Fellowship for James Rissler
Dolores Zohrab Liebmann Fund
\$19,396 12 months

Diffley, Peter

Fellowship for Thomas Butler
Dolores Zohrab Liebmann Fund
\$19,396 12 months

Diffley, Peter

Fellowship for Suzann Gallagher
Dolores Zohrab Liebmann Fund
\$19,396 12 months

Diffley, Peter

Fellowship for Jonathan Lyon
Dolores Zohrab Liebmann Fund
\$19,396 12 months

Awards for Instructional Programs:**Educational Talent Search****Coleman, Myrtie; Outlaw, Warren**

Talent Search
Department of Education
\$346,630 12 months

Upward Bound**Coates, Alyssia J.**

Upward Bound
Department of Education
\$404,446 12 months

Awards for Other Programs:**Chemistry and Biochemistry****Morris, Karen M.**

K-12 Science Curriculum Dissemination Center
Education Development Center, Inc.
\$24,497 33 months

Proposals Submitted

August 1, 2001 through August 31, 2001

Aerospace and Mechanical Engineering**Atassi, Hafiz M.**

Hydrodynamics and Acoustics of Rotor Blades in Nonuniform
Inflow Conditions
Department of Navy
\$285,195 24 months

Corke, Thomas C.

High Speed Digital Camera System for Measurements and
Modeling of Phased Plasma Actuators

Department of Army

\$71,009 12 months

Dunn, Patrick F.

Entrainment of Tobacco-Smoke-Material Carriers from
Surfaces

Phillip Morris

\$584,714 36 months

Niebur, Glen L.

Relationship between Mechanical Damage and Biochemical
Signals in Trabecular Bone

Whitaker Foundation

\$240,000 36 months

Anthropology**Gaffney, Patrick D.**

Salary for Assistant Professor in Japanese Anthropology
Japan Foundation

\$31,415 12 months

Biological Sciences**Collins, Frank H.**

Experimental Parasitology and Vector Biology
National Institutes of Health

\$111,998 12 months

Lodge, David M.

Biocomplexity—Incubation Activity: Risk Assessment of
Nonindigenous Species

National Science Foundation

\$1,380 12 months

Chemical Engineering**Hill, Davide A.**

Structure and Self-Assembly in Phase-Separated Dispersions
of Droplets in Liquid Crystals

National Science Foundation

\$395,527 36 months

Wolf, Eduardo E.

High Throughput Activity and in-situ FTIR and EXAFS
Studies of the Effect of S on Noble Metal Supported

Oxidation Catalysts

National Science Foundation

\$372,542 36 months

Civil Engineering and Geological Sciences**Jain, Jinesh C.**

Develop a Digestion Procedure of Metal Powders for ICP
Analysis

Kobelco Metal Powder of America, Inc.

\$1,500 3 months

Silliman, Stephen E.

Groundwater Characterization in Central Benin Using
Element Analysis

National Science Foundation

\$26,714 36 months

College of Business Administration**Cosimano, Thomas F.**

Monetary Policy Under the Basel Accord

National Science Foundation

\$143,327 36 months

Computer Science and Engineering**Bowyer, Kevin W.; Flynn, Patrick**

Data Sets, Baseline Performance Reference Points, and
Evaluation Metrics for Human ID

Navy/DARPA

\$684,300 36 months

Freeh, Vincent W.

High Performance Software Components for Scientific
Computing

Indiana University Bloomington

\$21,168 12 months

Kogge, Peter M.; Freeh, Vincent W.; Brockman, Jay B.

Sub Scale Systems Experiments with a Morphable
Architecture

DARPA

\$5,560,064 30 months

Kogge, Peter M.

Molecular Architecture Workshop

National Science Foundation

\$31,507 4 months

Electrical Engineering**Bauer, Peter H.**

Collaborative Research: Distributed Sensor/Actuator
Networks for Highly Dynamic Environments

National Science Foundation

\$297,827 36 months

Bernstein, Gary H.

Electron Beam Lithography System for Direct-Write and Mask
Making

Department of the Air Force

\$658,800 12 months

Bernstein, Gary H.

Electron Beam Lithography System for Direct-Write and Mask
Making

Department of Navy

\$658,800 12 months

Fay, Patrick J.

Acquisition of a PECVD System for Fabrication of High-
Performance Devices and Circuits

Department of the Air Force

\$240,000 12 months

Fay, Patrick J.

Acquisition of a PECVD System for Fabrication of High-
Performance Devices and Circuits

Department of Navy

\$240,000 12 months

Merz, James L.; Furdyna, Jacek K.; Mintairov, Alexander

Time-Resolved Near-Field Scanning Optical Probe System

Department of Army

\$265,200 12 months

Freimann Animal Care Facility**Suckow, Mark A.**

Tissue Barriers as a Novel Platform Technology

Cook Biotech, Inc.

\$200,000 24 months

Government and International Studies**Scully, Timothy R.**

Alliance for Catholic Education

William E. Simon Foundation

\$55,000 12 months

Zuckert, Catherine H.

Plato's Philosophers

American Council Learned Society

\$50,000 9 months

Physics**Balsara, Dinshaw S.**

Exploring the Role of Grid-Enabled OpenMP in Adaptive

Mesh Calculations

Rice University

\$72,245 12 months

Barabási, Albert-László

Understanding Complexity: From Basic Principles to Practical
Applications

National Science Foundation

\$1,737,422 60 months

Furdyna, Jacek K.

Neutron Scattering Studies of Magnetic Semiconductor
Nanostructures

National Science Foundation

\$293,967 36 months

Furdyna, Jacek K.

MBE Growth and Characterization of Ordered Vacancy
Compounds and Their Nanostructures

Department of Energy

\$340,555 36 months

Garnavich, Peter M.

Explosions in Deep Space

Space Telescope Science Institute

\$6,401 12 months

Johnson, Walter R.; Safronova, Marianna

Simulation of Quantum Logic Processing with Trapped
Neutral-Atom Systems

National Institute Standards & Technology

\$126,000 24 months

Ruchti, Randal C.

USCMS Project Education and Outreach

Northeastern University

\$56,375 24 months

Ruchti, Randal C.; Hildreth, Michael D.; Wayne, Mitchell R.

USCMS HCAL Project

Northeastern University

\$250,415 12 months

Wiescher, Michael C.

Joint Institute for Nuclear Physics

National Science Foundation

\$10,481,257 60 months

Psychology**Gondoli, Dawn M.**

Parenting Early Adolescents

William T. Grant Foundation

\$235,457 24 months

Sociology**LeClere, Felicia B.**

An Analysis of Disparities in Health Status and Accessibility
to Health Care in the Appalachian Region

Appalachian Regional Commission

\$137,674 12 months

Spillman, Lynette P.

Markets and Meaning: Cultural Dimensions of Retail Market
Exchange

J.S. Guggenheim Memorial Foundation

\$35,000 12 months

Theology**Aune, David E.; Barber, Charles E.**

The Apocalypse of John and Art: The Hermeneutical

Significance of the Interplay Between Text and Image

National Endowment for the Humanities

\$319,898 36 months

Proposals for Instructional Programs:**Kellogg Institute for International Studies****Mainwaring, Scott P.**

Title VI National Resource Centers

Indiana University Bloomington

\$107,295 12 months

Centers and Institutes

Awards Received and Proposals Submitted

In the period August 1, 2001 to August 31, 2001

AWARDS RECEIVED			PROPOSALS SUBMITTED	
Department or Office	No.	Amount	No.	Amount
Alliance for Catholic Education	1	\$33,000	1	\$55,000
Center for Flow Physics and Control	1	114,729	0	0
Center for Transgene Research	2	869,375	0	0
Center for Tropical Disease Research and Training	1	111,998	0	0
Freiman Life Science Center	0	0	1	200,000
Kellogg Institute for International Studies	2	83,321	1	107,295
Keough Institute for Irish Studies	1	39,000	0	0
Nano Science and Technology Center	0	0	1	31,507
Radiation Laboratory	1	74,173	0	0
Total	9	\$1,332,596	4	\$393,802

Fiscal Year-to-date Cumulative

AWARDS RECEIVED			PROPOSALS SUBMITTED	
Department or Office	No.	Amount	No.	Amount
Alliance for Catholic Education	3	\$213,583	1	\$55,000
Center for Flow Physics and Control	2	159,151	0	0
Center for Latino Studies	1	59,701	1	149,512
Center for Transgene Research	2	869,375	0	0
Center for Tropical Disease Research and Training	1	111,998	0	0
Freiman Life Science Center	0	0	1	107,295
Kellogg Institute for International Studies	2	83,321	1	107,295
Keough Institute for Irish Studies	1	39,000	0	0
Nano Science and Technology Center	1	66,049	1	31,507
Radiation Laboratory	2	261,615	0	0
Robinson Community Learning Center	0	0	1	157,275
South Bend Center for Medical Education	0	0	1	214,500
Total	15	\$1,863,793	7	\$915,089

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 August 1, 2001, through August 31, 2001

Awards for Research:

Alliance for Catholic Education

Johnstone, Joyce V.

Dissemination of Indiana Educator "best practices" via the Worldwide Web

Christel DeHaan Family Foundation, Inc.
\$30,000

Center for Flow Physics and Control

Corke, Thomas

Phased Plasma Actuators for Unsteady Flow Control
Department of Army

\$114,729

Center for Transgene Research

Rosen, Elliot D.; Castellino, Francis J.

Hemostatic Balance and Arterial Thrombosis
National Institutes of Health

\$496,895

Castellino, Francis

Structure-Function Studies of Plasminogen and Plasmin
National Institutes of Health

\$372,500

Center for Tropical Disease Research and Training

Collins, Frank Hadley

Experimental Parasitology and Vector Biology
National Institutes of Health

\$111,998

Kellogg Institute for International Studies

Welna, Christopher J.

Building Capacity for Social Progress: A Partnership for Leadership Development
Department of Education

\$29,321

Mainwaring, Scott P.

Foreign Language and Area Studies Fellowships
Indiana University Bloomington

\$54,000

Keough Institute for Irish Studies

Dean, Seamus F.; Smyth, Mary Ann

Partition and Memory: An International Conference
U.S. Institute of Peace

\$39,000

Radiation Laboratory

Kamat, Prashant V.

Mechanism of Indo Dye Formation and Its Stability in Hair Proteins

Unilever Research U.S.
\$74,173

Proposals Submitted

In the period August 1, 2001, through August 31, 2001

Proposals for Research:

Alliance for Catholic Education

Scully, Timothy R.

Alliance for Catholic Education
William E. Simon Foundation

\$55,000

Freimann Life Science Center

Suckow, Mark A.

Tissue Barriers as a Novel Platform Technology
Cook Biotech, Inc.

\$200,000

Nano Science and Technology Center

Kogge, Peter M.

Molecular Architecture Workshop
National Science Foundation

\$31,507

Proposals for Instructional Programs:

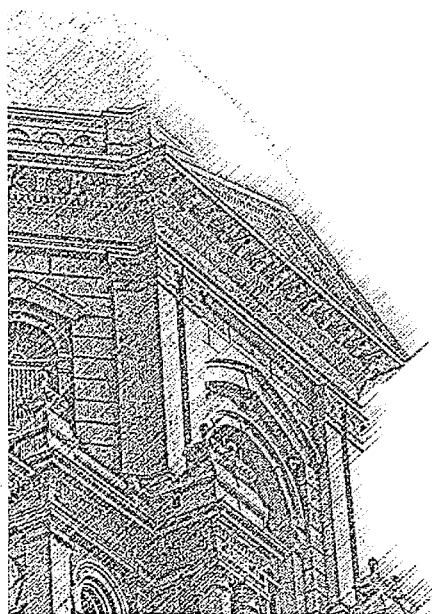
Kellogg Institute for International Studies

Mainwaring, Scott P.

Title VI National Resource Centers
Indiana University Bloomington

\$107,295

Notre Dame Report



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October 26, 2001

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