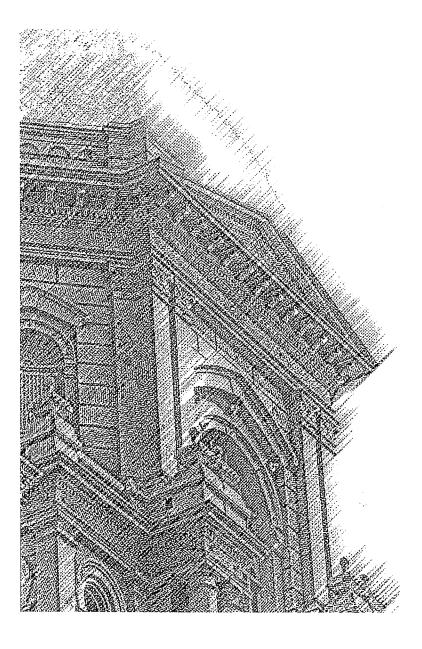
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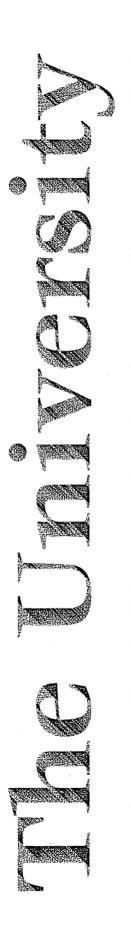
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Coleman to Fund New Center for Campus Ministry and Student Academic Services

With major gifts from two prominent alumni, the University will replace its current bookstore building with a new facility housing centers for campus ministry and student academic services.

The Coleman Family Center for Campus Ministry memorializes the parents and brother of alumnus and trustee Thomas A. Coleman, whose gift will underwrite it. The Coleman Center will include offices for Campus Ministry's programs in spirituality, retreats, campus liturgies, religious education, and other ministries, as well as a chapel, a rehearsal space for campus choirs, and a classroom for religious education.

A 1956 Notre Dame alumnus, Coleman was elected a member of the New York Stock Exchange just months after his graduation and became a partner in C.M.J. Partners in 1957. Now a senior partner in the firm, he also served on the boards of governors and directors of the New York Stock Exchange and the New York Futures Exchange. He is a director of River Bank America and the Alfred E. Smith Memorial Foundation, chairman of the board of St. Vincent's Hospital and Medical Center, and a trustee of New York Catholic Charities and St. Patrick's Cathedral. A member of the advisory council for Notre Dame's College of Business Administration since 1968. Coleman was elected to the University's Board of Trustees in 1984. His previous benefactions to Notre Dame have included a \$6-million gift for the 1988-90 renovation of the Basilica of the Sacred Heart.

The James and Leah Rae Morse Center for Academic Services is named in recognition of the 1957 Notre Dame alumnus and his wife whose gift will underwrite the center. The Morse Center will encompass the University's distinctive First Year of Studies, the academic program in which all first-year

undergraduates are enrolled, and Academic Services for Student-Athletes, the program that provides advising, tutoring and other services to students participating in varsity athletics.

Jim Morse is a private investor from Muskegon, Michigan, who has had interests in hotels, radio stations, jet aircraft, and factory outlet malls. Morse has been a member of the advisory council for Notre Dame's College of Arts and Letters since 1981 and also serves on the Athletic Alumni Development Committee. Captain of the 1956 Notre Dame football team, he was the ABC radio voice of Notre Dame football in the 1960s.

Morse's previous gifts to Notre Dame have included several scholarship funds and an endowed fellowship for MBA students. The Morses have seven children; son James, Jr., is a 1979 Notre Dame graduate and, like his father, a former football player, and daughter Lee Ann was graduated in 1986.

The \$14-million facility also will house a new campus computer cluster, student social space, and a satellite office for the University's Center for Social Concerns. The current bookstore building will be vacated at the completion of the University's new Eck Center early in 1999. Construction of the new building is scheduled to begin in the spring of 1999 and be completed in the fall of 2000.

Phi Beta Kappa Information

Members of the faculty who are also members of Phi Beta Kappa are invited to affiliate with the Notre Dame Chapter, Epsilon of Indiana. Faculty members currently not in communication with the Chapter who are interested in affiliating are asked to contact the Secretary of the Notre Dame Chapter, Rev. Thomas Blantz, C.S.C., at the Department of History. Interested faculty are asked to supply, in a note to the Secretary, the year of initiation and the name of the college or university where they were initiated.

McGarry Appointed Rector of the Ecumenical Institute

Rev. Michael B. McGarry, C.S.P., Paulist priest, ecumenical scholar and pastor of Newman Hall/Holy Spirit Parish in Berkeley, California, has been appointed rector of the Ecumenical Institute for Theological Studies at Tantur, Jerusalem, by the Institute's administrative board.

Father McGarry's appointment becomes effective Sept. 1, 1999, upon the retirement of fellow Paulist Rev. Thomas F. Stransky, C.S.P., who has served as Tantur's rector since 1987. "Father McGarry will bring a unique combination of pastoral, academic and administrative talents to a complex and demanding position," said Notre Dame president Rev. Edward A. Malloy, C.S.C., who chairs the Tantur board.

Father McGarry was graduated from St. Paul's College in Washington, D.C. in 1971 and holds advanced theological degrees from the University of St. Michael's College in Toronto. He taught theology there and at the University of Texas in Austin before joining the staff of the Paulist Center in Boston, which he directed from 1979-86. While serving as rector of the Paulist Fathers' seminary in Washington from 1986-93, he also represented the Archdiocese of Washington, D.C., in an ongoing Catholic-Lutheran dialogue and was a member of the Faiths in the World committee of the National Association of Diocesan Ecumenical Officers. Since 1988, he has been a member of the Christian Scholars Group on Judaism and the Jewish People and served as its chair from 1991-94.

A consultant on Catholic-Jewish relations for the National Conference of Catholic Bishops, Father McGarry also serves on the advisory boards of the National Catholic Center for Holocaust Education at Seton Hall College and the Interreligious Coordinating Council in Israel. In addition to a book entitled "Christology After Auschwitz," he

has written numerous articles on Jewish-Christian relations for a wide variety of, popular and scholarly journals.

Established jointly by the University of Notre Dame and Pope Paul VI in 1971, the Ecumenical Institute for Theological Studies is located just outside Jerusalem on the road to Bethlehem. Initially a center for theological inquiry and discussion among the divided communities of Christendom. the Institute has expanded its programs to include ecumenical scholarship and interreligious dialogue between Christians and those of other world faiths, especially Jews and Muslims. A residential center for scholars visiting the Holy Land to explore the ecumenical and interreligious dimensions of scriptural, theological and pastoral studies, the Institute also offers three-month sessions in continuing education for parish clergy, religious teachers and other church workers, as well as semesters of international study for Notre Dame undergraduates. More than 3,500 Orthodox, Protestants, Anglicans and Roman Catholic scholars have participated in its programs.

Davis and Bernel Appointed Directors of Gigot Center for Entrepreneurial Studies

James H. Davis, associate professor of management, and Jeffrey A. Bernel, chairman of American Rubber Products Corporation, have been appointed academic and program directors, respectively, of the new Gigot Center for Entrepreneurial Studies at the University of Notre Dame.

A member of the Notre Dame faculty since 1991, Davis conducts research on issues that affect strategic management and the performance of firms. He has studied the effects of executive control, trust and empowerment on firm effectiveness and efficiency.

Davis earned a doctorate from the University of Iowa in 1991, a master's of business administration degree from

Idaho State University in 1986, and master's and bachelor's degrees from Brigham Young University in 1980 and 1978, respectively. Before joining the Notre Dame faculty, he taught at Iowa, Kirkwood Community College and Idaho State.

Davis was selected the outstanding teacher in the master's of business administration program at Notre Dame in 1995-96 and was a recipient of a Sam M. Walton Free Enterprise Fellowship in 1997. He has served as a consultant to some 200 companies and organizations. He addition to codirecting the Gigot Center, Bernel will teach management courses.

Bernel earned a master's of business administration degree from Notre Dame in 1994 after previously receiving a bachelor's degree in engineering management from the State University of New York at Buffalo in 1967. He served in the Navy from 1967-73 and directed Bernel Foam Products Company, Inc., from 1973-79.

Bernel purchased American Rubber Products Corporation in 1980. Based in LaPorte, Indiana, the company is a manufacturer and fabricator of engineered seals and gaskets for the international and North American automotive markets with annual sales of \$35 million. Bernel was a finalist in the Indiana Entrepreneuer of the Year competition in 1995 and is active in several LaPorte civic, business and service organizations. In addition to codirecting the Gigot Center, Bernel will teach management courses.

The Gigot Center for Entrepreneurial Studies was established with a \$2-million gift from 1972 alumnus Gary E. Gigot, partner and senior vice president for worldwide products for the Seattle-based software firm ViSio Corp.

Launched this fall, the Gigot Center provides Notre Dame students with skills that will enable them, as either individual or corporate entrepreneurs, to convert ideas into market possibilities. The curriculum includes two core courses, an elective, and the development of business plans. A key component of the center will be the establish-

ment of a venture capital fund that will provide investment for selected start-up projects developed in the two core courses.

New Scholarship Honors Gibbons

A \$500,000 fund has been established at the University of Notre Dame by William R. and Janie Kelly of Southern Pines, North Carolina, for an undergraduate scholarship in honor of James V. Gibbons, assistant vice president of University relations. The Kellys have made an additional gift to the University of a \$1.5 million individual retirement account to fund a scholarship named after their family.

The James V. Gibbons scholarships will be given to Notre Dame students who demonstrate loyalty, spirit and intellectual and athletic achievement.

William R. Kelly, former president of Bituminous Materials Company, Inc., of Terre Haute, Indiana, is a 1953 Notre Dame alumnus who has served on the advisory council for the University's College of Engineering. Two of the Kellys' four children. Kevin and Laura, were graduated from Notre Dame in 1977 and 1987, respectively.

Also a 1953 Notre Dame graduate, James V. Gibbons had a brief minor league baseball career and a coaching stint at Chicago Mount Carmel, his high school alma mater, before returning to Notre Dame in 1956 as an assistant baseball and basketball coach. In 1959 he successfully recruited a Washington, D.C., high school basketball standout named Edward "Monk" Malloy, who today is the 16th president of Notre Dame. Gibbons left coaching in 1963 to join the University's public relations staff, where he has overseen hundreds of dedications, convocations and dinners; planned the first-ever inauguration of a Notre Dame president; accommodated the heads of state of Ireland, El Salvador and Chile, as well as dignitaries ranging from the secretary general of the United Nations to the commissioner of baseball; and arranged campus visits by each of the last four Presidents of the United States. He also frequently appears as an analyst on national and regional television broadcasts of college basketball, including Notre Dame and various conference games.

Grant Funds Murphy Chairs of Law

The University has received a grant of \$5 million from the John P. Murphy Foundation of Cleveland, Ohio, to endow three faculty chairs in the law school for scholars whose teaching and research emphasize moral and ethical values in law.

The Murphy Foundation was established by the late John P. Murphy, chairman of the board of the Higbee Company of Cleveland, Ohio, and a Notre Dame trustee for 36 years until his death in 1969. A native of Westboro, Massachusetts, and a 1912 graduate of Notre Dame, Murphy practiced law in Minneapolis and in Montana before the outbreak of World War I, when he joined the Army Air Corps. After the war, he practiced law in Cleveland, eventually becoming president of the Higbee Company. In 1928, Murphy was elected president of the Notre Dame Alumni Association, and he received an honorary doctor of laws degree from the University in 1952. During his lifetime, he contributed more than \$650,500 to Notre Dame. Previous benefactions to the University from the Murphy Foundation amount to \$1,611,000 and have funded the purchase of collections and expanded services in the Kresge Law Library.

Flanigan and Mirer Establish Scholarship Endowments

Jim Flanigan of the Chicago Bears and Rick Mirer of the Green Bay Packers have established academic scholarship endowments at the University of Notre Dame, joining other alumni studentathletes who together have contributed more than \$2 million to the University for scholarships to the general student body.

Beginning this academic year, the Rick Mirer Endowed Scholarship and the James and Susan Flanigan Endowed Scholarship will provide financial aid to Notre Dame students with outstanding academic credentials and demonstrated financial need.

A 1989 graduate of Goshen (Indiana) High School, Mirer led his team to the state championship as a senior and received the Academy of Achievement Award as the top high school football player in the country. He played quarterback for Notre Dame from 1989-92 and holds the school record for career total offense with 6,691 yards. As the starting quarterback from 1990-92, Mirer led the Irish to the Orange, Sugar and Cotton Bowls and was named a second-team All-American as a senior. He was graduated with a bachelor's degree in marketing in 1993.

Mirer was selected in the first round (the second pick overall) of the 1992 NFL draft by the Seattle Seahawks. He set NFL rookie records for attempts, completions and yards in 1993 and was voted the AFC Rookie of the Year. He was traded to the Bears in 1997 and recently was signed by the Packers.

Mirer created the Rick Mirer Children's Charity Foundation in 1996 to assist in meeting the needs of young people and youth organizations such as the Boys and Girls Clubs and Big Brothers/Big Sisters. The foundation also has worked closely with the youth programs at Oaklawn, a mental health services hospital in Elkhart, Indiana. Flanigan, a 1990 graduate of Southern Door High School in Brussels, Wisconsin, was his class valedictorian and a Parade and USA Today All-American in football. At Notre Dame, he started on the defensive line as a junior and senior, earning honorable mention All-America honors in 1993. He twice made the dean's list, was the recipient of an academic leadership award, and was graduated with a bachelor's degree in management in 1994.

The Bears selected Flanigan in the third round (74th pick overall) of the 1994 draft, and he has been a starter the last four years, averaging the most tackles, tackles for losses and sacks among the team's defensive linemen. He also has played fullback in goal-line situations, catching four touchdown passes.

Flanigan established The James Flanigan Foundation in January 1997 to raise awareness of children's literacy issues. He recently was appointed head of Illinois' new Reading Education Partnership Council by Joseph Spagnolo, state superintendent of education.

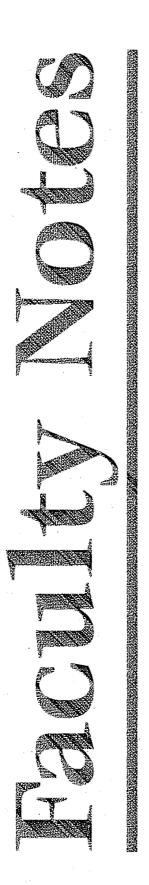
In addition to Mirer and Flanigan, other current and former professional athletes from Notre Dame who have established academic scholarship endowments at the University include Jim Morse, Chris Zorich, Paul Hornung, Andy Heck, Johnny Lujack, Todd Lyght, Jim Lynch, Bryant Young, Demetrius DuBose, Jerome Bettis and LaPhonso Ellis.

Ingersoll-Rand to Fund Scholarship for Engineering Students

The University has received a \$630,000 gift from the Ingersoll-Rand Company of Woodcliff Lake, New Jersey, to fund a scholarship for mechanical and civil engineering students and the purchase of laboratory equipment.

The Ingersoll-Rand Company Engineering Scholarship will be available to senior mechanical or civil engineering students who have demonstrated outstanding academic achievement, character leadership qualities and financial need. The Ingersoll-Rand Company Equipment Grant will support the purchase of laboratory equipment for the mechanical and civil engineering departments.

Ingersoll-Rand is a major diversified industrial equipment and components manufacturer whose product lines serve a wide range of industrial and commercial markets worldwide. The company employs approximately 47,000 people.



Appointments

Sr. Kathleen Cannon has been appointed associate dean of the College of Science. As associate dean, she will have various responsibilities in the administration of the college, including work on college and university committees. Her duties also will include advising associated with the collegiate sequence and international programs of the college as well as with the joint honors program of the Colleges of Science and Arts and Letters. She also will continue to teach part time in theology. Cannon served as associate provost and a faculty member in the Department of Theology from 1990-1997.

The **Department of Accountancy** awarded the following faculty fellowships:

Ram Ramanan, Associate Professor, Arthur Andersen

Chao-Shin Liu, Assistant Professor, Deloitte & Touche

Tom Stober, Associate Professor, Ernst & Young

Carolyn Callahan, Associate Professor, KPMG

Fred Mittelstaedt, Associate Professor, PricewaterhouseCoopers

Honors

Joseph P. Amar, chairperson and associate professor of classics, was appointed by the National Conference of Catholic Bishops to oversee catechetical publications for the Oriental Churches in the United States.

Katharina J. Blackstead, librarian, has been reappointed for a two-year term on the Education Committee of the Library Administration and Management Association.

Fred R. Dallmayr, Dee professor of government and international studies and fellow in the Kellogg Institute for International Studies and in the Kroc Institute for International Peace Studies, has been appointed a member of the International Advisory Panel of JUST, International Movement for a Just World, headquartered in Kuala

Lumpur, Malaysia. He was honored at a luncheon and symposium for the publication of his book Alternative Visions: Paths in the Global Village at the Boston Research Center in Cambridge, Mass., August 13. He has been appointed general editor of a new series titled Global Encounters: Studies in Comparative Political Theory launched by Rowman & Littlefield/Lexington Books.

William G. Dwyer, Hank professor of mathematics, has been appointed to the editorial committee of the *Bulletin* of the French Mathematical Society.

Georges Enderle, O'Neil professor of international business ethics, was appointed a Specially Invited Research Professor by the Shanghai Academy of Social Sciences.

Maureen T. Hallinan, White professor of Arts and Letters, Department of Sociology, was elected to the editorial boards of Social Forces and Sociology of Education. She serves as an advisor to the South Bend Community School Corporation in South Bend; Indiana. She serves as an external assessor for the Departments of Sociology at the State University of New York at Stony Brook and at Brown University.

James J. Kolata, professor of physics, has been elected as a corresponding member of the National Academy of Sciences of Mexico.

Pamela A. Krauser, associate professional specialist in the graduate school, was appointed to a third term as chair of the International Electronic Research Administration Committee of the Society of Research Administrators.

Ruey-wen Liu, Freimann professor of electrical engineering, was awarded the Institute of Electrical and Electronics Engineers Circuits and Systems Society 1998 Society Meritorious Service Award, June 1.

Edward J. Maginn, assistant professor of chemical engineering, received the Dow Outstanding New Faculty Award for 1998 from the American

Society of Engineering Education during the National American Society for Engineering Education Conference in Seattle.

John Poirier, professor of physics, has been invited to submit proposals for the 1999 Nobel Prize in Physics by the Nobel Committee for Physics on behalf of the Royal Swedish Academy of Sciences.

Frank K. Reilly, Hank professor of business administration, has been elected chair of the board of governors of the Association for Investment Management and Research (AIMR) for 1999.

John E. Renaud, associate professor of aerospace and mechanical engineering, was elected to the Executive Committee of the ASME Design Automation Technical Committee for a fouryear term and will serve this year as the International Paper Reviews Chair for the 25th ASME Design Automation Conference. He served on the National Science Foundation's Knowledge and Distributed Intelligence Program's Learning and Intelligent Systems Review Panel in Arlington, Virginia, August 3–5.

Juan Rivera, associate professor of accountancy, had his case project "Indiana Chemical Argentian, S.A. (ICASA)," co-authored with Doug Osthimer, accepted by the AICPA's Professor/Practitioner Case Development Program as one of eight winning submissions for publication and presentation at the 1998 Accounting Educators Conference to be held in McLean, Virginia, November 6–7.

Donald E. Sporleder, professor of architecture, was elected vice president of the St. Joseph County Park Foundation, Inc., at its annual meeting in Mishawaka, Indiana, September 10.

Dennis J. Stark, assistant professor of physical education and director of aquatics, was re-elected for a fourth term as president of the Board of Directors of Corvilla in South Bend, Indiana, June 23.

Gregory E. Sterling, associate professor of theology, was elected to serve a second four-year term on the editorial board of the *Catholic Biblical Quarterly*, was appointed secretary to the editorial board, and was elected consultor to the executive board of the Catholic Biblical Association of America.

Mark A. Suckow, director of the Freimann Life Science Center, received the 1998 Excellence in Laboratory Animal Research Award at the annual meeting of the American Veterinary Medical Association in Baltimore, Maryland.

Arvind Varma, Schmitt professor of chemical engineering, served as subcommittee chair for the 1998 Wilhelm Award of the American Institute of Chemical Engineers.

Eduardo E. Wolf, professor of chemical engineering, was appointed to the advisory board of *Catalysis Letters*, Baltzer Science Publishers, Amsterdam, The Netherlands.

Jennifer A. Younger, director of libraries, was appointed to the external review panel by the ALA Committee on Accreditation for the Review for the School of Information Resources and Library Science at the University of Arizona, October.

Activities

John Affleck-Graves, professor of finance and business economics, gave a talk about international financial markets at the Graduate School of Business at the University of Cape Town in South Africa, July 28.

Asma Afsaruddin, assistant professor of classics, gave the invited seminar "The State of Middle East Studies in the United States" at the Foundation of Arts and Sciences in Istanbul, Turkey, August 8.

Panos J. Antsaklis, professor of electrical engineering, gave the keynote address "Emerging Control Technologies: What Does the Future Hold?" at the International Federation of Auto-

matic Control Workshop on Control Applications and Ergonomics in Agriculture in Athens, Greece, June 15. He gave the plenary talk "Advances in Intelligent Systems: Hybrid and Discrete Event Control" at the third European Robotics, Intelligent Systems and Control Conference in Athens, Greece, June 22. He organized and chaired the session "Hybrid Control of Complex Systems" with Anthony N. Michel. Freimann professor of engineering, and presented the paper "Supervisory Control Design of Hybrid Systems Using Timed Petri Nets Based on Invariant Properties," co-authored with X. Koutsoukos, at the eighth IFAC Symposium on Large Scale Systems at the University of Patras, Greece, July 15-17. He organized and chaired the panel discussion "Autonomy in Engineering Systems: What is it and Why is it Important?" at the IEEE International Symposium on Intelligent Control at the National Institute of Standards and Technology in Gaithersburg, Maryland, September 14-17. He gave the invited lecture "Hybrid Control for Autonomous Systems" to the Department of Electrical and Computer Engineering at Johns Hopkins University in Baltimore, Maryland, September 17. He gave the invited lecture "On the Control of Hybrid and Discrete Event Systems" at the Institute for Systems Research of the University of Maryland in College Park, Maryland, September 18. He was a workshop organizer and an invited participant at the workshop on "New Directions in Control Engineering Education," co-sponsored by NSF and IEEE Control Systems Society, at the University of Illinois in Urbana-Champaign, Illinois, October 2-3.

Albert-Laszlo Barabási, assistant professor of physics, gave the invited talk "Self-assembled Dislocation Free Island Formation: An Equilibrium Theory" at the summer workshop "Bridging the Time and Length Scales in Modeling Epitaxial Growth" at HRL Laboratories in Malibu, California, August 3–5. He gave the CNLS colloquium titled "Beach Physics: Studies of Welling and Drag-force in Granular Media" at the Los Alamos National Laboratory at the Center for Nonlinear Studies in Los Alamos, New Mexico, August 12. He gave the condensed matter seminar

"Self-assembled Dislocation Free Island Formation: An Equilibrium Theory" at the Department of Physics at Purdue University in Lafayette, Indiana, September 18.

Sr. Eleanor Berstein, C.S.J., director of the Center for Pastoral Liturgy, presented a workshop on "Renewing Parish Liturgy for the Life of the World" at Loyola University in New Orleans, Louisiana, June 26–27.

Kathleen Biddick, associate professor of history, delivered the paper "Dances with Elves: Chaucer's Blackface, Miscegentation, and Colonial Trauma in Chaucer Studies" in a session on Chaucer and Postcolonial Theory: Risks and Possibilities at the 11th International Congress of the New Chaucer Society in Paris, France, July 19.

Paul Bradshaw, professor of theology, gave the paper "The Problems of a New Edition of the Apostolic Tradition" at a conference at the Pontifical Oriental Institute in Rome, Italy, September 28.

Scott Bridgham, assistant professor of biological sciences, gave the invited symposium talk "Climate Effects on Peatlands" and presented "Changes in Nutrient Availability and Net Primary Production in Response to Manipulations of Nutrients and pH in a Bog and Fen" with Carmen Chapin in Anchorage, Alaska, May 30–June 12. He gave the invited seminar "Climate Change Effects on Minnesota Peatlands" in honor of the retirement of Dr. Donald McNaught at the University of Minnesota in St. Paul, Minnesota, April 29.

Jacqueline Vaught Brogan, professor of English, delivered "'The Devil Sex': The Race of Money and Gender from 'The Mysticism of Money' to Hemingway's *Garden of Eden*" at the International Hemingway Conference in Les Saintes Maries de la Mer, France, May 31.

Carolyn M. Callahan, associate professor of accountancy, KPMG Peat Marwick Faculty Fellow, was an invited discussant of three papers are the session Analytic Models of Fundamental Value and Insider Trading and accepted presentation of the paper "Market-Oriented Strategies and the Value of Accurate Product Cost Information in the Presence of Correlated Costs: A Theoretical and Empirical Investigation," co-authored with E. Ann Gabriel, assistant professor of accountancy, at the national meeting of the American Accounting Association in New Orleans, Louisiana, August.

Ian Carmichael, associate professional specialist in the Radiation Laboratory, presented "Theoretical Studies on Sulfur Radicals" at the workshop on Reactive Intermediates in Sulfur Chemistry in Poznan, Poland, August 23–26.

Ralph Chami, assistant professor of finance, and Connie Fullenkamp, assistant professor of finance, presented their paper "Should Gift Giving Be Subsidized?" at the Joint Center for Poverty Research in Evanston, Illinois, September 17.

Daniel M. Chipman, professional specialist in the Radiation Laboratory, presented "New Operators for Calculation of Fermi Contact Parameters in ESR and NMR" at the international conference on Quantum Chemical Calculations of NMR and EPR Parameters in Vienna, Austria, September 14–18.

Kevin J. Christiano, associate professor of sociology, spoke as an invited critic on a special panel evaluating Being There: Culture and Formation in Two Theological Schools, by Jackson W. Carroll, Barbara G. Wheeler, Daniel O. Aleshire, and Penny Long Marler, at the annual meeting of the Association for the Sociology of Religion in San Francisco, California, August 20.

Austin I. Collins, C.S.C., chairperson and associate professor of art, art history and design, gave the invited lecture "The University of Notre Dame Public Sculpture Project, 1995–1997" at the University of Wisconsin in LaCrosse, Wisconsin, September 9.

Frank H. Collins, professor of biological sciences, gave the lecture "Malaria Parasite/Anopheles Mosquito Interactions" at the Biology of Disease Vectors Summer Course at Ft. Collins, Colorado, June 23–26.

James T. Cushing, professor of physics, gave the invited lecture "The Quantum-Mechanical World View: Deterministic or Indeterministic?" and led the discussion "The Orthodox Interpretation versus Bohmian Mechanics" at the David Bohm Symposium on the Foundations of Physics at the University of São Paulo in São Paulo, Brazil, September 21–25. He delivered the invited talk "Bohmian Mechanics and Its Ontological Commitments" at the III International Ontology Congress in San Sebastian, Spain, October 1–5.

Fred R. Dallmayr, Dee professor of government and international studies and fellow in the Kellogg Institute for International Studies and in the Kroc Institute for International Peace Studies, presented a paper on "Global Markets/Local Cultures" at a meeting of the Research Committee on Political Philosophy of the International Political Science Association in Rotterdam. Holland, June 5-7. He presented "Gandhi and Self-Government" at the World Congress of Philosophy in Boston, Massachusetts, August 14. He delivered the invited lecture "Democracy and Multiculturalism" at an international symposium at the University of Brasilia in Brazil, August 27. He presented the paper "Derrida and Friendshop" and chaired the panel "Comparative Nationalist Thought" at the annual meeting of the American Political Science Association in Boston, Massachusetts, September 3-4.

Roberto DaMatta, Joyce professor of anthropology, presented the paper "Football and Democratic Integration in Brazil" at the international colloque on Football and Cultures sponsored by the Centre National de la Recherche Scientific and the College de France in Paris, France, May 13–16. He gave the public lecture "The Animal Game in Brazil" at the Centre de Recherches sur le Bresil Contemporain, École Pratique des Hautes Études en Sciences Sociales, May 18. He gave a seminar at

the "Brazil Seminar" at the École Pratique des Hautes Etudes en Sciences Sociales, May 19, He gave the keynote address to the Brazilian National Congress of Catholic Schools at the Salesian College, Niterói, State of Rio de Janeiro, Brazil, July 28. He lectured on "Defying and Redefying Brazil" at the Faculdade da Cidade, in Rio de Janeiro, Brazil, August 10. He was invited by the Ministry of Culture of Brazil, the Inter-American Development Bank and UNESCO to lecture on "Civil Society, Development and Culture" at the Encounter of Latin American and Caribbean Ministries of Culture in Rio de Janeiro, Brazil, September 3-5. He gave the essay "Five Papers in Search of a Discussant" and served as discussant on the panel "En el futbol hay justicia?" (Is there justice in Soccer?) at the 21st International Congress of the Latin American Studies Association in Chicago, Illinois, September 24-26. He gave the paper "The Role of Animals in Popular Culture: Brazil and the United States" at the international conference on Popular Culture: America and the World, organized by the Division of United States Studies of the Woodrow Wilson Center for International Scholars, in Washington, D.C., October 8-10.

Paquita Y. Davis-Friday, assistant professor of accountancy, presented the paper "Does Recognition Instead of Disclosure Matter to the Users of Financial Statements?: Evidence from SFAS 106 (OPEB)," co-authored with L. Buky Folami, Chao-Shin Liu, assistant professor of accountancy, and H. Fred Mittelstaedt, associate professor of accountancy, at the annual meeting of the American Accounting Association in New Orleans, Louisiana, August 19. She presented "International Accounting Standards versus U.S. GAAP: How Do They Compare?," co-authored with Norlin Rueschhoff, professor of accountancy, at the joint International Association for Accounting Education and Research and Center for International Education and Research in Accounting Conference in Chicago, Illinois, October 2-3.

Julia Douthwaite, associate professor of Romance languages and literatures, gave the invited lecture "Seeing and Being Seen: Visual Codes and Metaphors in *La Princesse de Clèves*" at Indiana University in South Bend, Indiana, October 7.

John G. Duman, professor of biological sciences, delivered the symposium talk "Antifreeze Proteins of the Beetle Dendroides canadensis" at the annual meeting of the Society for Cryobiology in Pittsburgh, Pennsylvania, July 11–17.

Elizabeth D. Eldon, assistant professor of biological sciences, presented a poster of data titled "The Drosophila Toll-like Receptor 18-Wheeler in Embryonic Development: Molecular and Phenotypic Analysis of Lethal Alleles of 18-Wheeler" at the Midwest meeting of the Society for Developmental Biology at IUPUI in Indianapolis, Indiana, May 27–29.

Georges Enderle, O'Neil professor of international business ethics, taught a course on business ethics at the China Europe International Business School in Shanghai, China, April 5-May 15. He gave the lecture "What NGOs Expect from Global Companies" at the Institute of Philosophy at the Shanghai Academy of Social Sciences. He lectured on "Is It Time for Business Ethics in China?" in the MBA Program at Fudan University in Shanghai, China. He taught a course on business ethics in the MBA Program at the University of Geneva in Switzerland, May 25-28. He presented "Whose Ethos for Public Goods in a Global Economy?" at the colloquium "Modernization and Chinese Cultural Identity," organized by the Council for Research in Values and Philosophy and the Shanghai Academy of Social Sciences in Suzhou, People's Republic of China, June 25-27. He presented the paper "Whose Ethos for Public Goods in a Global Economy' and at the colloquium "The Problem of Globalization and Chinese Cultural Identity," organized by the Council for Research in Values and Philosophy and Fudan University, in Shanghai, China, June 29-July 1. He presented the paper "The Relevance of Ethics in China's Reform of State-owned Enterprises" at the APROS colloquium "Pacific Paradigms - Organisation and Management in the Pacific Rim" in Shanghai, July 14-16. He gave a lecture on "Business and Corporate Ethics in the USA: Philosophy and Practice" at the University of Jaume I in Castellón, Spain, September 7. He spoke on "Arthur Rich's Legacy for Business Ethics" at the Arthur Rich Symposium near Karlsruhe, Germany, September 8–9.

Stephen M. Fallon, associate professor in the Program of Liberal Studies and concurrent associate professor of English, served on the Program Committee for the Sixth International Milton Symposium in York, England, July.

Leonid Faybusovich, associate professor of mathematics, gave the talk "A Jordan-Algebraic Approach to Interiorpoint Algorithms" at Optimization 98 in Coimbia, Portugal, July 19–21. He presented "Interior-point Algorithms and Euclidean Jordan Algebras" at the International Congress of Mathematicians in Berlin, Germany, August 20.

Malcolm J. Fraser Jr., associate professor of biological sciences, presented the seminar "Developing the piggyBac Transposon as a Vector for Genetic Engineering in Insects" at Exelexis in San Francisco, California, June 3–4.

Bonnie F. Fremgen, professional specialist in management, and Richard I Fremgen, professional specialist in accountancy, presented a leadership seminar for the administrative management team of Valparaiso University in South Bend, Indiana, September 23.

E. Ann Gabriel, assistant professor of accountancy, presented "Market Oriented Strategies and the Value of Accurate Product Cost Information in the Presence of Correlated Costs: A Theoretical and Empirical Investigation," co-authored with Carolyn M. Callahan, associate professor of accountancy, at the annual meeting of the American Accounting Association in New Orleans, Louisiana, August 18.

Umesh Garg, professor of physics, gave the invited talk "The Isoscalar Giant Dipole Resonance: What's New?" at the International Workshop on Collective Excitations in Fermi and Bose Systems at Serra Negra in São Paulo, Brazil, September 14–17.

Ilene Grabel, visiting fellow in the Kellogg Institute for International Studies, presented "Mexico Redux? Making Sense of the Financial Crises of 1997–98" at the University of Notre Dame, September 15.

Alexander Hahn, professor of mathematics, gave the lecture "The Efficiency of Canonical Generators of the Classical Groups" at the biannual Greek Algebra Conference in Thessaloniki, Greece, June 12–13.

Noriko Hanabusa, assistant professional specialist in East Asian languages and literatures, presented the paper "The Significance and Effects of Homestay as Seen by Foreign Students and their Host Families" at the 1998 annual conference of the Society for Teaching Japanese as a Foreign Language at Tokyo Gakugei University in Tokyo, Japan, May 24.

Ira C. Harris, assistant professor of management, presented "Prior Acquisition Experience: How Does it Bear on Current Transactions?" and "Too Busy to Serve?: An Examination of the Influence of Overboarded Directors" at the 1998 Academy of Management National Conference in San Diego, California, August 9–12.

Robert E. Haywood, assistant professor of art, art history and design, presented the lecture "Art Against the State" at the 25th annual meeting of the Midwest Art History Society in Chicago, Illinois, April 2, 1998.

Alex A. Himonas, associate professor of mathematics, presented "The Cauchy Problem for a Shallow Water Type Equation" at the special session on PDE in Several Complex Variable at a meeting of the American Mathematical Society in Philadelphia, Pennsylvania, on April 4–5.

Gordon Hug, associate professional specialist in the Radiation Laboratory, presented "Photooxidation of Methionine Derivatives by the 4-Carboxybenzophenone Triplet State in Aqueous Solution. Intra-Complex Photon Transfer Involving the Amino Group" at a workshop on Reactive Intermediates in Sulfur Chemistry in Poznon, Poland, August 23–26.

Maxwell Johnson, associate professor of theology, gave the invited address "The 'Real' and Multiple 'Presences' of Christ in Contemporary Lutheran Liturgical and Sacramental Practice" at Church and Eucharist: The Many Presences of Christ at the Notre Dame Center for Pastoral Liturgy Conference at the University of Notre Dame, June. He presented "The 'Joint Declaration on Justification' and Lutheran-Roman Catholic Unity: Some Unresolved Questions" at the faculty colloquium of the School of Theology at Saint John's University in Collegeville, Minnesota, July 26. He taught the six-week course "History and Sources of Liturgy" at the School of Theology at Saint John's University in Collegeville, Minnesota, June 22-July 31. He presented "Baptism as 'New Birth ex aqua et spiritu': A Preliminary Investigation of Western Liturgical Sources" at the international scholarly congress Comparative Liturgy Fifty Years after Anton Baumstark (+1948) at the Pontifical Oriental Institute in Rome, Italy, September 25-29.

Encarnación Juárez, visiting assistant professor of Romance languages and literatures, presented the paper "Ideología y creación de la identidad en las narrativas autobiográficas del Siglo de Oro: El papel de la ropa en Guzmán de Alfarache" at the 13th Congreso de la Asociación Internacional de Hispanistas at the Universidad Complutense de Madrid in Madrid, Spain, July 8.

Prashant V. Kamat, professional specialist in the Radiation Laboratory, presented "Picosecond Dynamics of Metal Nanoclusters" at the American Chemical Society Meeting in Boston, Massachusetts, August 21–27. He gave the seminar "Photoinduced Charge Transfer Processes in Semiconductor Nanoparticles" at Western Michigan University in Kalamazoo, Michigan, September 28.

Eileen Kolman, dean of the First Year of Studies, and Louise Litzinger, assistant dean of the First Year of Studies, presented "The First Year of Studies at the University of Notre Dame: Special Teaching Methods and Student Support Services" at the 11th Interna-

tional Conference on the First Year Experience at University College Dublin in Dublin, Ireland, July 20–24.

Donald P. Kommers, Robbie professor of government and international studies and professor of law, presented the paper "Autonomy Versus Accountability: The German Judiciary" at a meeting of the Comparative Judicial Studies Committee of the International Political Science Association in Boston, Massachusetts, September 1.

Charles Kulpa, professor of biological sciences, was an invited panelist and made a presentation on "Use of Biocatalysts for Crude Oil Bioprocessing" at the Crude Oil Bioprocessing Workshop hosted by Texaco, June 15–17. He presented the seminar "Monitoring Microbial Systems with Molecular Tools: Studies with Activated Sludge, Soil and Organism Selection" with Mark Schneegurt, research assistant professor of biological sciences, at the Environmental Protection Agency in Cincinnati, Ohio, June 23.

Gary Lamberti, associate professor of biological sciences, gave the presidential address "Linkages Among Aquatic Ecosystems" at the annual meeting of the North American Benthological Society in Prince Edward Island, Canada, June 2. He co-authored the invited paper "Implications of Eurasian Ruffe Invasion for Native Yellow Perch Populations in the Great Lakes," with Aimee Fullerton and David Lodge, professor of biological sciences, the papers "Factors Limiting Hyporheic Metabolism in a Second-order Michigan Stream" with Danielle Tillman, and "Role of Environmental C:N Ratio and DOC in Regulating Nitrification in Stream Sediments" with Eric Strauss, and the poster "Responses of Stream Periphyton Growth, Chemistry, and Community Composition to Variation in Nutrient Ratio and Concentration" with Robert Stelzer, presented at the annual meeting of the North American Benthological Society in Prince Edward Island, Canada, June 3. He co-authored the papers "Watershed Determinants of DOC Concentrations in North Temperate Lakes" with Lodge, and "Ecological Stoichiometry in Streams: Nutrient-algal Interactions" with Stelzer, and the poster "Spatial and Temporal Patterns of Organic Matter Availability and Use in a Woodland Stream" with Tillman, presented at the joint meeting of the American Society of Limnology and Oceanography and the Ecological Society of America in St. Louis, Missouri, June 7–12.

Lizette Larson-Miller, assistant professor of theology, presented "Sacramental Anthropology and Universal Salvation" in response to Robert Daly at CTSA in Ottawa, Canada, June 13. She presented "On Earth As In Heaven: Presence and Eucharist" at the Notre Dame Center for Pastoral Liturgy Conference at the University of Notre Dame, June 16. She gave the keynote address "Know What Is Important: Theology for Church Musicians" at the National Pastoral Musicians Conference in Grand Rapids, Michigan, July 2.

Jay LaVerne, professional specialist in the Radiation Laboratory, presented "Radical Production in the Radiolysis of Benzene" at the Ninth Tihany Symposium on Radiation Chemistry in Tata, Hungary, August 29–Sept. 3.

David Lodge, professor of biological sciences, gave the talk "Watershed Determinants of DOC Concentration in North Temperate Lakes" at a joint meeting of the Ecological Society of America and the American Society of Limnology and Oceanography in St. Louis, Missouri, June 7–11.

A. Eugene Livingston, professor of physics, presented the paper "Lifetime Measurements for Allowed and Forbidden Transitions" with E. Jasper, A. Vasilyev, K. Kukla, C. Vogel Vogt, and H. Gordon Berry, professor of physics, S. Cheng, L.J. Curtis and R.W. Dunford and he co-authored the papers "Measurements of 2s-2p Transition Energies in Lithium-like Ag⁴⁴⁺ Ions" with Ph. Bosselman, K.-H. Schartner, F. Folkmann, and P.H. Mokler, and "Anisotropy of the Photon Emission in the Electric-Field Quenching of Metastable Ar17+ Ions" with R.W. Dundford, H.G. Berry, S. Cheng, L.J. Curtis, D.S. Gemmell, M. Jung, and E.P. Kanter presented at the Inter-

national Conference on Highly Charged Ions in Bensheim, Germany, September 14-18. He co-authored the papers "Lifetime of the 3p²P_{3/2} Level in Sodium-like Bromine" with A. Vasilyev, E. Jasper, H.G. Berry, L.J. Curtis, S. Cheng, and R.W. Dunford, and "Two-Photon Decay in H-like and He-like Nickel" with R.W. Dunford, E.P. Kanter, B.J. Zabransky, P.H. Mokler, H.W. Schäffer, S. Cheng, and L.J. Curtis presented at the annual meeting of the Divison of Atomic, Molecular, and Optical Physics of the American Physical Society in Santa Fe, New Mexico, May 27-30.

Edward Maginn, assistant professor of chemical engineering, presented "Grand Canonical Monte Carlo Simulation of Single Component and Binary Mixture Adsorption in Zeolites" at the 12 International Zeolite Conference in Baltimore, Maryland, July 7. He presented "Molecular Simulation and Experimental Investigation of Sorption in Zeolites" at the third International Symposium on the Effects of Surface Heterogeneity in Adsorption and Catalysis on Solids in Torun, Poland, August 9. He gave the invited seminar "Molecular Modeling and Experimental Studies of Zeolite Adsorption" at the BOC Group Technical Center in Murray Hill, New Jersey, September 23. He gave the invited seminar "Molecular-Level Investigation of the Thermodynamic and Transport Properties of Confined Fluids" to the Department of Chemical Engineering at the University of Pennsylvania in Philadelphia, Pennsylvania, October 5.

Mary Ann Mahony, assistant professor of history, presented "Shaping and Reshaping the Past: Collective Memory, Historical Representation and Rule in Twentieth-Century Bahia, Brazil" at "Reclaiming the Political in Latin American History: A Conference in Homenaje of Emília Viotti da Costa" at Yale University in New Haven, Connecticut, May 14–17.

Scott Mainwaring, executive director of the Kellogg Institute for International Studies and Conley professor of government and international studies, served as a commentator on the panel on executive/legislative relations in

Latin America and presented the paper "Social Cleavages, Political Legacies, and Post-Authoritarian Party Systems: Chile in the 1990s" at the Latin American Studies Association international congress in Chicago, Illinois, September 25.

Lawrence C. Marsh, associate professor of economics, and Kajal Mukhopadhyay, research assistant professor in the Laboratory for Social Research and concurrent assistant professor of economics, presented "An Approach to Nonparametric Kernel Regression for Count Data" at the Midwest Econometrics Group Conference, sponsored by the Economics Department at Indiana University in Bloomington, Indiana, September 26.

James J. Mason, assistant professor of aerospace and mechanical engineering, gave the invited talk "Shear Dominated Fracture in High Speed Punch Tests on High Strength Metals," coauthored K.M. Roessig, at the ASME/JSME Joint Pressure Vessels and Piping Conference in San Diego, California, July 27. He presented the invited lecture "Applicability of Dynamic Fracture Mechanics to the Initiation of Adiabatic Shear Bands" at the Los Alamos National Laboratory in Los Alamos, New Mexico, August 19.

Ralph McInerny, professor of philosophy, participated in discussion on "Vatican II" on *Firing Line* with William F. Buckley, September 18.

Donald P. McNeill, associate professor of theology and director of the Center for Social Concerns, co-presented a session on "Solitude, Community and Compassion" during a retreat/celebration program related to the second anniversary of Henri Nouwen's death at St. Joseph's Centre in Willowdale, Ontario, September 18–20.

Marvin J. Miller, professor of chemistry and biochemistry, was the colloquium speaker presenting "Design and Synthesis of New Antimicrobial Agents" at Purdue University in Lafayette, Indiana, September 23–24. He gave a talk titled "Iron: From Current Biochemistry to New Chelator Development Strategies Workshop" at the

National Institutes of Health Workshop in Bethesda, Maryland, September 20–22.

Gerard Misiolek, assistant professor of mathematics, organized a special session titled "Differential Geometric Methods in Hydrodynamics" at the spring meeting of the American Mathematical Society in Philadelphia, Pennsylvania, April 4–5. He gave the invited lecture "Well-posedness of the Cauchy Problem for a Shallow Water Equation on the Circle" at the Ninth International Colloquium on Differential Equations in Plovdiv, Bulgaria, August 18–23.

Nathan Mitchell, associate director of the Center for Pastoral Liturgy, gave the address "The Recovery of Congregational Song: A Literary Perspective" to the Hymn Society of America Conference at Calvin College in Grand Rapids, Michigan, July 15. He gave the talk "Mystagogia and the Sunday Eucharist: The Repeatable Sacrament of Initiation" at an RCIA Intensive Workshop for parish and diocesan ministers in Houston, Texas, July 15.

Daniel J. Myers, assistant professor of sociology, presented "Media Coverage of Political and Nonpolitical Public Events," co-authored by Pamela Oliver, at the second conference on Protest Event Analysis in Wissenschafszentrum Berlin, Germany, July 9-11. He presented presented the paper "Diffusion Models of Cyclesof Protest as a Theory of Social Movements," co-authored with Pamela Oliver, at the tri-annual meetings of the International Sociological Association in Montreal, Canada, July 26-August 1. He presented "Mass Media Networks and the Diffusion of Collective Violence" and served as a discussant for the panel "The Escalation and Consequences of Collective Protest" at the annual meeting of the American Sociological Association in San Francisco, California, August 21-25.

Jerome Neyrey, S.J., professor of theology, presented "Reading the Gospel of Luke in Light of the Social Sciences" at the Clergy Renewal Seminar for the Cruckston Dioceses and for the Tulsa Dioceses in Tulsa, Oklahoma, June 1–4. He presented "The Sermon on the Mount in Counter-Cultural Perspective" at the Clergy/Lay Ministers Seminar for the Archdioceses of Detroit in Detroit, Michigan.

Walter Nicgorski, professor in the Program of Liberal Studies and concurrent professor of government and international studies, was a co-discussant for the three papers on the panel on "The Constitution Versus Constitutional Law" and discussant for the three papers on the panel on "Foundational Issues in Cicero's Political Philosophy" at the annual meeting of the American Political Science Association in Boston, Massachusetts, September 3 -5.

Thomas O'Meara, Warren professor of theology, presented "Teaching Karl Rahner" at the annual convention of the Catholic Theological Society of America, June 8.

James S. O'Rourke IV, director of the Fanning Center for Business Communication and associate professional specialist and concurrent associate professor of management, hosted the Conference on Corporate Communication 1998 meetings at the University of Notre Dame, September 18–19.

Simon M. Pimblott, associate professional specialist in the Radiation Laboratory, presented "Methodology in Modeling Track Structure Chemistry" and presented the poster "Track Effects in Position Annihilation in Hydrocarbon Liquids" with Laurene Siebbeles at the ninth Gray Workshop on Computational Methods in Track Structure Simulations in Oxfordshire, U.K., September 10–13.

Alvin Plantinga, O'Brien professor of philosophy, gave the lecture "Two (or More) Kinds of Scripture Scholarship" at Regent College, in Vancouver, British Columbia, July 15.

Wolfgang Porod, professor of electrical engineering, gave the invited talk "Quantum-Dot Cellular Automata Devices and Architectures" at the international symposium Nanostructures: Physics and Technology in St. Petersburg, Russia, June 22–26. He pre-

sented the talk "Quantum-Dot Cellular Automata: Computing with Coupled Quantum-Dot Molecules" at the Jet Propulsion Laboratory in Pasaseda, California, September 11.

Dean A. Porter, director of the Snite Museum of Art and professor of art, art history and design, delivered the invited lecture "From Chicago to Taos" at the Harwood Museum at the University of New Mexico in Taos, New Mexico, September 22.

Joseph M. Powers, associate professor of aerospace and mechanical engineering, presented the invited seminar "Intrinsic Low Dimensional Manifolds for Gas Phase RDX Combustion" at the Los Alamos National Laboratory in Los Alamos, New Mexico, September 21.

John E. Renaud, associate professor of aerospace and mechanical engineering, presented "Convergence Using Variable Fidelity Approximation Data in a Trust Region Managed Augmented Lagrangian Approximate Optimization" and "An Investigation of Multidisciplinary Design Subject to Uncertainty" with Jose Rodriguez and Xiaoyu Gu at the 7th AIAA/USAF/ NASA/ISSMO Symposium on Multidisciplinary Analysis and Optimization in St. Louis Missouri, September 2-4. He presented the paper "Improved Trust Region Model Management for Approximate Optimization" at the 1998 ASME Design Engineering Technical Conference in Atlanta, Georgia, September 14.

Juan Rivera, associate professor of accountancy, presented "The Influence of International Accounting Practices on Financial Reporting: Evidence from Mexican ADRs in U.S. Capital Markets," co-authored with Paquita Y. Davis-Friday, assistant professor of accountancy, at the joint International Association for Accounting Education and Research and Center for International Education and Research in Accounting Conference in Chicago, Illinois, October 2–3.

James E. Robinson, professor of English, presented "Caribbean Caliban: Shifting the 'I' of the Storm" at the fifth biennial conference of the Australian

and New Zealand Shakespeare Association at the University of Queensland in Brisbane, Australia, July 11–15.

Joachim Rosenthal, associate professor of mathematics, gave the seminar talk "Algebraic Constructions of Convolutional Codes" at the University of Padova in Italy, June 30-July 4. He organized a minisymposium on "Systems, Codes, and Graphical Models" with H.A. Loeliger and gave the talk "Block and Convolutional Codes and Relations to Systems Theory" at the international symposium on Mathematical Theory of Networks and Systems in Padova, Italy, July 6-10. He presented the invited paper "On the Dual of MDS Convolutional Codes" co-authored with R. Smarandache at the 36th annual Allerton Conference on Communication, Control and Computing in Illinois, September 23-25.

Norlin G. Rueschhoff, professor of accountancy, presented the paper "International Accounting Standards: An Analysis of Standards Adoption" at the University of Innsbruck in Innsbruck, Austria, June 3; and at the tenth annual conference of Accounting Academics in Hong Kong, June 16.

W. Robert Scheidt, professor of chemistry and biochemistry, presented "March of the p-Cation Radicals," "Iron Porphyrins, Excursions into Electronic States" and "Iron Porphyrin No_x Chemistry" at the Institute Le Bel at the Universite Louis Pasteur in Strasbourg, France, May. He gave the lecture "Iron Porphyrin No_x Chemistry" at the CEA in Grenoble, France.

Robert Schmuhl, chairperson and professor of American studies, talked about "The 1998 Elections" on the WNIT-TV program "Politically Speaking," September 13. He discussed "Watergate — The Legend Returns" on On the Media on WNYC and National Public Radio, September 20.

Rev. Timothy R. Scully, C.S.C., vice president and senior associate provost, served as a discussant for a panel on "The Durability and Quality of Latin American Democracy: A Comparative Assessment" at the 21st international congress of the Latin American Studies Association in Chicago, Illinois, September 26.

Scott E. Seibert, assistant professor of management, presented the paper "Social Capital and Career Success: Test of a Mediated Model," co-authored by M.L. Kraimer and B. Liden, at the Sunbelt XVIII and Fifth European International Social Networks Conference in Barcelona, Spain, May 29.

Mei-Chi Shaw, professor of mathematics, gave the invited talk "The $\overline{\partial}$ Problem on Nonsmooth Domains" at the University Du Littoral in France, May 25. She gave the invited lecture "Sovolev Estimates for the $\overline{\partial}$ -Neumann Operator on Lipschitz Domains" at the Lille University in France, June 5.

Billie F. Spencer Jr., professor of civil engineering and geological sciences, delivered the seminar "Structural Control Strategies for Buildings and Civil Structures" in the Department of Architecture at Waseda University in Tokyo, Japan, June 22. He co-chaired and presented the report for Working Group I on "Active Semi-active and Hybrid Control" at the U.S.-Japan Joint Workshop/Seminar on Cooperative Research in Structural Control for Civil Infrastructure Systems held in conjunction with the second world conference on Structural Control, June 28-July 1. He co-chaired two special theme sessions on benchmark problems, gave a plenary report on structural control research in the United States, and co-authored five papers delivered at the second world conference on Structural Control, June 29-July 1. He presented "Structural Control Research at the University of Notre Dame" at the Structural Control Symposium organized by the Japan Society of Civil Engineers at the University of Tokyo in Tokyo, Japan, July 3. He chaired the first session of the U.S.-Japan Young Researcher Symposium at the University of Tokyo in Tokyo, Japan, July 8. He delivered the seminar "Semi-Active Control of Civil Infrastructure Systems" at Nihon University in Funabashi, Japan, July 13. He delivered the seminar "Magnetorheological Dampers for Seismic Protection of Structures" at Chiba University in Chiba, Japan, July 15. He delivered the seminar "Design and Testing of Smart Dampers for Large Structures" at Sanwa Tekki Corporation in

Utsunomiya, Japan, July 16; and at Tokico Corporation in Kawasaki, Japan, July 21. He gave a seminar on "Smart Structures for Seismic Protection" at Kvoto University in Kvoto, Japan, July 24. He served as organizer and general chair of the fourth international conference on Stochastic Structural Dynamics at the Center for Continuing Education at the University of Notre Dame, August 6-8. He delivered the invited paper "Technological Frontiers of 'Smart' Protective Systems," coauthored with Erik A. Johnson, visiting research specialist in civil engineering and geological sciences, and Michael K. Sain, Freimann professor of electrical engineering, at the Asia-Pacific Workshop on Seismic Design and Retrofit of Structures, August 10-12. He delivered the sectional keynote lecture "Magnetorheological Dampers: Seismic Application of Smart Materials" and chaired the session on "Structural Dynamics" at the 32nd Solid Mechanics Conference in Zakopane, Poland, September 1-5.

Mark A. Stadtherr, professor of chemical engineering, presented "Nonlinear Parameter Estimation Using Interval Analysis" with C.-Y. Gau at the third international conference on Foundations of Computer Aided Process Operations in Snowbird, Utah, July 5–10.

Steve Tomasula, assistant professional specialist in English, presented the paper "Writing the Post-Biological Body" at the Centre for Advanced Inquiry in the Arts, University of Wales College, Newport, August 21.

Arvind Varma, Schmitt professor of chemical engineering, presented the paper "Mechanisms of Reaction Wave Propagation during Combustion Synthesis of Advanced Materials," chaired the session on "Catalytic Reactors" and co-authored the paper "Dynamics of Structure Formation during Electroless Plating," presented by Razima Souleimanova, at the 15th International Symposium on Chemical Reaction Engineering in Newport Beach, California, September 13–16.

Sandra C. Vera-Munoz, assistant professor of accountancy, presented "The Effects of Division Performance Framing on Mangers' Goal-Incongruent Investment Decisions" with J. Ho at the 1998 Behavioral Decision Research in Management Conference, sponsored by the School of Business at the University of Miami in Coral Gables, Florida, June 21; and at the 1998 American Accounting Association's annual meeting in New Orleans, Louisiana, August 18. She participated as a panel member on "Multi-Cultural Issues" at the 1998 Ph.D. Project Accounting Doctoral Students Association Conference in New Orleans, Louisiana, August 16.

Sandra Vitzthum, assistant professor of architecture, recently completed a renovation of a ca. 1850 barn in Vermont. The structure used environmentally sound materials and qualified for a federal Historic Preservation Rehabilitation Tax Credit.

Kathleen Maas Weigert, professional specialist and associate director of academic affairs and research at the Center for Social Concerns, concurrent associate professor of American studies and fellow in the Kroc Institute for International Peace Studies, participated on the plenary panel of the National Symposium on Peace and Justice Education on the Catholic Campus at Iona College in New Rochelle, New York, June 25–27.

Eduardo E. Wolf, professor of chemical engineering, presented the paper "Methane Partial Oxidation in a Fast Flow Membrane Reactor" at the fourth international meeting on Membrane Reactors in Copenhagen, Denmark, September 8–10.

Kwang-tzu Yang, Hank professor emeritus of aerospace and mechanical engineering, served as the U.S. organizer and gave the invited lecture "Are Thermal Systems Ready for Artificial Intelligence?" at the second Pacific-Rim Workshop on Thermal Science and Energy Engineering at the National Cheng-Kung University in Tainan, Taiwan, August 19–21. He presented the papers "Genetic-Algorithm-Based Predictions of Fin-Tube Heat Ex-

changer Performance," co-authored with A. Pacheco-Vega, Mihir Sen, professor of aerospace and mechanical engineering, and Rodney L. McClain, associate professional specialist in aerospace and mechanical engineering, and "Calculation of Turbulent Natural Convection in Three-Dimensional Enclosures," co-authored with J.M. Londino, at the 11th International Heat Transfer Conference in Kyongju, Korea, August 23–28.

Publications

Asma Afsaruddin, assistant professor of classics, wrote a translation with notes of "A Fairy Tale" by Ihsan `Abd al-Quddus, published in Journal of Arabic and Middle Eastern Literatures, vol. 1, no. 2, 1998, pp. 179-181. She published a review of Shi`a Islam: From Religion to Revolution, by Heinz Halm, published in Middle East Studies Association Bulletin, vol. 32, 1998, pp. 39-40.

Panos Antsaklis, professor of electrical engineering, co-authored Supervisory Control of Discrete Event Systems Using Petri Nets with J.O. Moody, Kluwer Academic Publishers, 1998, 216 pages. He and Michael D. Lemmon, associate professor of electrical engineering, wrote the guest editorial "Introduction to the Special Issue on Hybrid Systems" and edited the Special Issue on Hybrid Systems of the Journal of Discrete Event Dynamic Systems, June 1998. He and Lemmon coauthored "Timed Petri Nets in Hybrid Systems: Stability and Supervisory Control" with X. Koutsoukos, published in the Journal of Discrete Event Dynamic Systems, Special Issue on Hybrid Systems, June 1998, pp. 137-173. Antsaklis co-authored "Supervisory Control Design of Hybrid Systems Modelled by Timed Petri Nets Based on Invariant Properties" with X.D. Koutsoukos, published in the Proceedings of the 8th IFAC/IFORS/IMACS/IFIP Symposium on Large Scale Systems: Theory and Applications, 1998, pp. 710-715. He wrote "Emerging Control Technologies: What Does the Future Hold?," published in the Proceedings of the IFAC Workshop on Control Applications and Ergonomics in Agriculture, 1998, pp. 1-3.

Albert-László Barabási, assistant professor of physics, co-authored "Driven Interfaces in Disordered Media: Determination of Universality Classes from Experimental Data" with Réka Albert, Nathan Carle and Andrew Dougherty, published in *Physical Review Letters*, vol. 81, no. 14, October 5, 1998, pp. 2926-2929.

Geoffrey J. Bennett, professor of law, wrote "Criminal Procedure and Sentencing," published in *All England Law Reports Annual Review of 1997*, pp. 140-146.

Sr. Eleanor Bernstein, C.S.J., director of the Center for Pastoral Liturgy, co-edited *Traditions and Transitions* with Martin Connell, published by Liturgy Training Publications.

Kathleen Biddick, associate professor of history, wrote *The Shock of Medievalism*. Durham, North Carolina: Duke University Press, 1998, 304 pages.

Howard A. Blackstead, professor of physics, and David B. Pulling, assistant professional specialist in physics, co-authored "Hole Superconductivity in Nd2-zCezCuO4" with J.D. Dow, published in Superlattices and Microstructures, vol. 23, 1998, pp. 1125-1129. Blackstead co-authored "Self-Test of Spin Fluctuation Pairing" with J.D. Dow, published in Euro Physics Letters, vol. 41, 1998, pp. 659-663. He coauthored "Predicted Properties of the $Nd_{1.5}Ce_{0.5}Sr_2Cu_2NbO_{10}$ " with J.D. Dow, published in Physical Review B, vol. 57, 1998, pp. 10798-10813. He and Pulling co-authored "Evidence of Pair-Breaking by PrBa in Y1-vPrvBa2Cu3O7" with J. Cooley, J.D. Dow, W.L. Hults, S.K. Malik, J.L. Smith, and W.B. Yelon, published in Journal of Physics and Chemistry of Solids, vol. 59, 1998, pp. 1798-1800. He co-authored "Th-doped Nd_{2-z}Ce_zCu₄ Homologues" with J.D. Dow and M. Lehmann, published in Solid State Communications, vol. 107, 1998, pp. 323-327. Blackstead and Pulling co-authored "Observation of Predicted Superconductivity in Gd_{1.6}Ce_{0.4}Sr₂Cu₂TiO_x with x a 10" with J.D. Dow and D. Goldschmidt, published in Physics Letters A, vol. 245, 1998, pp. 158-162.

Paul Bradshaw, professor of theology, wrote "Ubi eucharistia, ibi ecclesia: Ecclesiological Reflections on Ministry, Order, and the Eucharist," published in David R. Holeton, ed., Our Thanks and Praise: The Eucharist in Anglicanism Today. Toronto, Canada: Anglican Book Centre, 1998, pp. 51-65.

Joan F. Brennecke, associate professor of chemical engineering, and Mark A. Stadtherr, professor of chemical engineering, co-authored "Reliable Computation of Phase Stability Using Interval Analysis: Cubic Equation of State Models" with J.Z. Hua, published in Computers & Chemical Engineering, vol. 22, 1998, pp. 1207-1214. Brennecke and Stadtherr co-authored "Reliable Computation of Homogeneous Azeotropes" with R.W. Maier, published in AIChE Journal, vol. 44, 1998, pp. 1745-1755.

Scott D. Bridgham, assistant professor of biological sciences, wrote "The Role of Agriculture in Phosphorus Eutrophication of Surface Water. A Review of *Phosphorus Loss from Soil to Water*, edited by H. Tunney, O.T. Carton, P.C. Brookes, and A.E. Johnson, published in *Ecology*, vol. 79, 1998, pp. 2215-2216.

Jacqueline Vaught Brogan, professor of English, wrote "Notes from the Body," published in Spring, vol. 6, October 1997, pp. 112-113. She wrote "Notes from the Body (IV)," published in Spring, vol. 6, October 1997, pp. 114-115. She wrote "Strange Fruits in The Garden of Eden: 'The Mysticism of Money,' The Great Gatsby - and A Moveable Feast," published in J. Gerald Kennedy and Jackson R. Bryer, eds., French Connections: Hemingway and Fitzgerald Abroad. New York: St. Martin's Press, 1998, pp. 235-256. She wrote "Hemingway's In Our Time as a Cubist Anatomy," published in The Hemingway Review, vol. 17, no. 2, spring 1998, pp. 31-46.

Hsueh-Chia Chang, professor of chemical engineering, co-authored "Front Dynamics and Fingering of a Driven Contact Line" with I. Veretennikov and A. Indeikina, published in the *Journal of Fluid Mechanics*, vol. 373, 1998, p. 81.

Alice W. Cheang, assistant professor of East Asian languages and literatures, wrote "Poetry and Transformation: Su Shih's Mirage," published in the *Harvard Journal of Asiatic Studies*, vol. 58, no. 1, June 1998, pp. 147-182.

Austin I. Collins, C.S.C., chairperson and associate professor of art, art history and design, exhibited three sculptures in the Western Michigan University Sculpture Tour 1997–1999 at Western Michigan University in Kalamazoo, Michigan. He was an exhibitor at Pier Walk '98 at the Navy Pier in Chicago, Illinois, May 6–October 18. He participated in a two-person Sculpture Exhibition at the Center for the Arts at the University Art Gallery at the University of Wisconsin in LaCrosse, Wisconsin, September 9–October 2.

Edmundo Corona, assistant professor of aerospace and mechanical engineering, co-authored "Buckling of T-Beams Under Cyclic Bending" with Mark S. Ellison, published in the International Journal of Mechanical Sciences, vol. 40, no. 9, 1998, pp. 835-855. He co-authored "Plastic Collapse Analysis of T-Beams Under Bending" with Mark S. Ellison, published in the Journal of Engineering Mechanics, August 1998, pp. 818-825.

Marian E. Crowe, adjunct assistant professor in the core courses, wrote "One Humdrum Catholic and Apostolic Church?," published in *New Oxford Review*, vol. 65, no. 8, September 1998, pp. 6-13. She wrote "A Modern *Psychomachia*: The Catholic Fiction of Piers Paul Read," published in *Christianity and Literature*, vol. 47, no. 3, spring 1998, pp. 309-329.

Fred R. Dallmayr, Dee professor of governement and international studies, wrote "A Response to Friends," published in Human Studies, vol. 21, 1998, pp. 295-308. He wrote "Ethics and the Limits of Politics: Comments on Elshtain," published in New Wine in Old Bottles: International Politics and Ethical Discourse, edited by Jean Bethle Elshtain, Notre Dame, Indiana: University of Notre Dame Press, 1998, pp. 53-71. He wrote Alternative Visions: Paths in the Global Village, Lanham, Maryland: Rowman & Littlefield, 1998, xii + 305 pages. He co-authored Between Tradition and Modernity: India's Search for Identity, with G.N. Devy, New Delhi, India: SAGE Publications India, 1998, 375 pages.

James P. Dougherty, professor of English, wrote "Art and Daguerreotype Galleries," "Ferries and Omnibuses" and "Give Me the Splendid Silent Sun," published in *Walt Whitman: An Encyclopedia*, Garland, 1998.

Julia Douthwaite, associate professor of Romance languages and literatures, wrote "Le Paradoxe de la féminite naturelle: Marie-Angélique, Sophie, et Nell," published in *Sexualité, mariage, et famille au XVIIIe siècle*, edited by Olga Cragg and Resena Davison, Québec: Presses de l'Université Laval, 1998, pp. 159-172.

Georges Enderle, O'Neil chair of international business ethics, coauthored A Strange Affair? The Emerging Relationship Between NGOs and Transnational Companies. London: Price Waterhouse, 1998.

Stephen M. Fallon, associate professor in the Program of Liberal Studies and concurrent associate professor of English, wrote "Elect above the Rest': Theology as Self-representation in

Milton," published in Stephen B. Dobranski and John P. Rumrich, eds., *Milton and Heresy*. Cambridge: Cambridge University Press, 1998, pp. 93-116.

Timothy Fitzgerald, associate director and associate professional specialist in the Center for Pastoral Liturgy, coedited *The Changing Face of the Church*, Liturgy Training Publications, the proceedings of the 1997 Pastoral Liturgy Conference.

Malcolm J. Fraser Jr., associate professor of biological sciences, coauthored "Isolation and Characterization of LMC, a Novel Lymphocyte and Monocyte Chemoattractant Human CC Chemokine, with Myelosuppressive Activity" with Byung-S. Youn, Shangming Zhang, Hal E. Broxmeyer, Kathleen Antol, Giao Hangoc, and Byoung S. Kwon, published in Biochemical and Biophysical Research Communications, vol. 247, 1998, pp. 217-222.

Mohamed Gad-el-Hak, professor of aerospace and mechanical engineering, wrote "Flow Control: The Future," published in Hakan and Gustavsson, eds., Proceedings of the Abisko Workshop on Flow Control and Design. Lulea, Sweden: Lulea University, 1998, pp. 1-15. He wrote "Compliant Coatings: The Simpler Alternative," published in Hakan and Gustavsson, eds., Proceedings of the Abisko Workshop on Flow Control and Design. Lulea, Sweden: Lulea University, 1998, pp. 16-22. He wrote "Basic Instruments," published in Richard W. Johnson, ed., Handbook of Fluid Dynamics. Boca Raton, Florida: CRC Press, 1998, pp. 33.1-33.22. He wrote "Fluid Mechanics from the Beginning to the Third Millennium," published in Axel Müller, Beat Löffler and Lilly Etter, eds., Proceedings of the Fourth World Congress in Applied Computational Fluid Dynamics. Basel, Switzerland: Paul Oberli Druck and Medienzentrum, 1998, pp. 9-18. He edited Proceedings of the Workshop on Flow Control, special issue of Experimental Thermal and Fluid Science, vol. 16, no. 1 and 2. Amsterdam, The Netherlands: Elsevier, 1998, 172 pages. He wrote "Compliant Coatings: The Simpler Alternative," published in the

International Journal of Experimental Heat Transfer, Thermodynamics, and Fluid Mechanics, vol. 16, no. 1 and 2, January/February 1998, pp. 141-156. He co-authored "Flow Control: Current Status and Future Prospects" with Andrew Pollard and Jean-Paul Bonnet, published in the International Journal of Experimental Heat Transfer, Thermodynamics, and Fluid Mechanics, vol. 16, no. 1 and 2, January/February 1998, pp. 157-164.

Umesh Garg, professor of physics, coauthored "Quadrupole Moment of Superdeformed Bands in ¹⁵¹Tb" with Ch. Finck, et al., published in *The European Physical Journal A*, no. 2, 1998, pp. 123-127. He co-authored "Quadrupole Moments and Identical Superdeformed Bands in ¹⁴⁹Tb" with B. Kharraja, et al., published in *Physical Review C*, vol. 58, no. 3, 1998, pp. 1422-1429. He co-authored "Deformed Intruder Bands in ¹¹³Sn" with J.M. Sears, et al., published in *Physical Review C*, vol. 58, no. 3, 1998, pp. 1430-1437.

James A. Glazier, associate professor of physics, co-authored "At the End of Palsgraf, There is Chaos: An Assessment of Proximate Cause in Light of Chaos Theory" with Edward A. Adams and Gordon B. Brumwell, published in the *University of Pittsburgh Law Review*, vol. 59, spring 1998, pp. 507-555.

Paul R. Grimstad, associate professor of biological sciences, co-authored "Role of Anopheles quadrimaculatus and Coquillettidia perturbans (Diptera: Culicidae) in the Transmission Cycle of Cache Valley Virus (Bunyaviridae: Bunyavirus) in the Midwest, U.S.A." with Carina G.M. Blackmore and Mark S. Blackmore, published in Journal of Medical Entomology, vol. 35, no. 5, 1998, pp. 660-664.

Alexander Hahn, professor of mathematics, wrote *Basic Calculus: From Archimedes to Newton to its Role in Science*, Texts in Mathematics Series, New York: Springer-Verlag, 1998, 544 pages. He wrote "Two Historical Applications of Calculus," published in the *College Mathematics Journal*, vol. 29, no. 2, March 1998, pp. 93-103.

Maureen T. Hallinan, White professor of Arts and Letters, Department of Sociology, was the guest editor of and wrote the Forward for "Special Issue: Student Disadvantage and Educational Outcomes," Social Psychology of Education, vol. 2, 1998, pp. 3-5.

Noriko Hanabusa, assistant professional specialist in East Asian languages and literatures, co-authored "Homestay and Japanese Language Acquisition: A Survey of Foreign Students and their Host Families" with Yoko Collier-Sanuki, published in *The Sixth Princeton Japanese Pedagogy Workshop Proceedings*, May 1998, pp. 166-183.

Davide A. Hill, associate professor of chemical engineering, and Edward J. Maginn, assistant professor of chemical engineering, co-authored "A Molecular Dynamics Study of Macromolecules in Good Solvents: Comparison with Dielectric Spectroscopy Experiments" with Yiannis N. Kaznessis, published in *Journal of Chemical Physics*, vol. 109, no. 12, 1998, p. 5078.

Alex A. Himonas, associate professor of mathematics, co-authored "Non-analytic Hypoellipticity in the Presence of Symplecticity" with N. Hanges, published in *Proceedings of the the American Mathematics Society*, vol. 126, no. 2, 1998, pp. 405-409. Himonas and Gerard K. Misiolek, assistant professor of mathematics, wrote "The Cauchy Problem for Shallow Water Type Equations," published in *Comm. Partial Differential Equations*, vol. 23, no. 1 and 2, 1998, pp. 123-139.

Bei Hu, associate professor of mathematics, co-authored "Optimal Control of Chemical Vapor Deposition Reactor" with Avner Friedman, published in the *Journal of Optimization Theory and Applications*, vol. 97, no. 3, 1998, pp. 623-644.

Maxwell Johnson, associate professor of theology, wrote a review of *Christian Liturgy: Catholic and Evangelical*, by Frank C. Senn, published in *Worship*, vol. 72, no. 5, September 1998, pp. 470-474. He wrote a review of *Liturgical Spirituality*, by Philip Pfatteicher, published in *Lutheran Forum*, summer 1998, pp. 54-55.

Encarnación Juárez, visiting assistant professor of Romance languages and literatures, wrote "Autobiografías de mujeres en la Edad Media y el Siglo de Oro y el canon literario" published in Monographic Review/Revista Monográfica, vol. 13, 1997, pp. 154-168.

Prashant V. Kamat, professional specialist in the Radiation Laboratory, co-authored "Environmental Photochemistry with Semiconductor Nanoparticles" with K. Vinodgopal, published in *Molecular and Supramolecular Photochemistry*, vol. 2, 1998, pp. 307-350.

Robert Krieg, professor of theology, wrote "Die Rezeption Romano Guardini in Nordamerika," published in *Theologie und Glaube*, vol. 88, 1998, pp. 170-188.

Scott Mainwaring, executive director of the Kellogg Institute for International Studies and Conley professor of government and international studies, co-authored "Presidencialismo y Sistema de Partidos en America Latina" with Matthew S. Shugart, published in *POSTDATA*, no. 3-4, 1998, pp. 133-181.

Elizabeth Forbis Mazurek, associate professor of classics, wrote "Voice and Voicelessness in Ovid's Exile Poetry," published in ed. Carl Deroux, Studies in Latin Literature and Roman History, Collection Latomus 239, 1997, pp. 245-267.

Ralph McInerny, professor of philosophy, wrote *Lack of the Irish*, New York: St. Martin's Press, 1998, 219 pages. He wrote "Introduction," published in *Happiness and Contemplation*, by Jofef Pieper, South Bend, Indiana: Saint Augustine's Press, 1998, pp. 9-11.

Thomas V. Merluzzi, associate professor of psychology, co-authored "Psychological Perspectives on Life-Threatening Illness: Cancer and AIDS" with Mary Ann Martinez Sanchez, published in S. Roth-Roemer, S.R. Kurpius, and C. Carmin, eds., *Psychology in Health Care.* New York: W.W. Norton, 1998, pp. 157-190.

Gerard Misiolek, assistant professor of mathematics, wrote "A Shallow Water Equation as a Geodesic Flow on the Bott-Virasoro Group," published in *Journal of Geometry and Physics*, vol. 24, no. 3, 1998, pp. 203-208. He coauthored "Symplectic Reduction for Semidirect Products and Central Extensions" with J. Marsden, M. Perlmutter and T. Ratiu, published in *Differential Geometry and Applications*, vol. 9, no. 1 and 2, Symplectic Issue, 1998, pp. 173-212.

Nathan Mitchell, associate director of the Center for Pastoral Liturgy, wrote "Real Presence: The Work of Eucharist," published by Liturgy Training Publications.

Kajal Mukhopadhyay, research assistant professor in the Laboratory for Social Research and concurrent assistant professor of economics, co-authored "The Fixed Sample Search Rule and Use of an Indicator Character to Evaluate Mate Quality" with Daniel D. Wiegmann, published in the *Journal of Theoretical Biology*, vol. 193, 1998, pp. 709-715.

Carolyn Nordstrom, associate professor of anthropology, wrote "A War Dossier: Mozambique's Youth Speak," published in *Public Culture*, vol. 10, no. 2, winter 1998. She wrote "Imagining the Next 100 Years of War," Uppsala, Sweden: Life and Peace Institute, Occasional Paper Series, May 1998.

Thomas O'Meara, Warren professor of theology, wrote "Thomas Aquinas and Today's Theology," published in Theology Today, vol. 55, no. 1, 1998, pp. 46-58. He wrote "The Witness of Engelbert Krebs," published in Anthony J. Cernera, ed., Continuity and Plurality in Catholic Theology. Essays in Honor of Gerald A. McCool, S.J. Fairfield: Sacred Heart University Press, 1998, pp. 127-154. He wrote "Ministry in the Catholic Church Today. The Gift of Some Historical Trajectories," published in Together in God's Service: Toward a Theology of Lay Ministry. Washington: United States Catholic Conference, 1998, pp. 70-86.

William O'Rourke, professor of English, wrote "When All Else Fails, Take the Fifth," published in *The Chicago Sun-Times*, vol. 52, no. 166, August 14, 1998, p. 39.

Alvin Plantinga, O'Brien professor of philosophy, wrote "Two (or More) Kinds of Scripture Scholarship," published in *Modern Theology*, vol. 14, no. 2, April 1998, pp. 243-278.

Wolfgang Porod, professor of electrical engineering, co-authored "Parallel Computation for Electronic Waves in Quantum Corrals" with H.K. Harbury, published in VLSI Design, vol. 6, 1998, pp. 47-51. He and Craig S. Lent, professor of electrical engineering, coauthored "2D Finite Element Method Simulation of Lateral Resonant Tunneling Devices" with Z. Shao, published in VLSI Design, vol. 6, 1998, pp. 131-135. Porod co-authored "Simulation of Quantum-Dot Structures in Si/SiO2," published in VLSI Design, vol. 6, 1998, pp. 335-339. He co-authored "Electrostatic Formation of Coupled Si/SiO₂ Quantum Dot Systems" with Per Hyldgaard and Henry K. Harbury, published in VLSI Design, vol. 8, nos. 1-4, 1998, pp. 555-558.

John E. Renaud, associate professor of aerospace and mechanical engineering, co-authored "Improved Trust Region Model Management for Approximate Optimization" with B.A. Wujek, published in CD ROM Proceedings of the 1998 ASME Design Engineering Technical Conferences, ASME Paper 98-DETC/ DAC-5616, Atlanta, Georgia, September 13-16. He and Stephen M. Batill, professor of aerospace and mechanical engineering, co-authored "An Investigation of Multidisciplinary Design Subject to Uncertainty" with X. Gu, published in Proceedings of the 7th AIAA/ USAF/NASA/ISSMO Symposium on Multidisciplinary Analysis and Optimization, St. Louis, Missouri, September 2-4, 1998, pp. 309-319. Renaud coauthored "Convergence Using Variable Fidelity Approximation Data in a Trust Region Managed Augmented Lagrangian Approximate Optimization" with J.F. Rodriguez and L.T. Watson, published in Proceedings of the 7th

AIAA/USAF/NASA/ISSMO Symposium on Multidisciplinary Analysis and Optimization, St. Louis, Missouri, September 2–4, 1998, pp. 749-768.

W. Robert Scheidt, professor of chemistry and biochemistry, and Jaroslav Zajicek, associate professional specialist in chemistry and biochemistry, co-authored "Heterometallic Homo- and Heteroleptic Porphyrinate Dimers with a Rhodium-Thallium Bond" with Dimitra Daphnomili and Athanassios G. Coutsolelos, published in *Inorganic Chemistry*, vol. 37, 1998, pp. 3675-3681.

Mihir Sen, professor of aerospace and mechanical engineering, Kwang-tzu Yang, Hank professor of aerospace and mechanical engineering, and Rodney L. McClain, associate professional specialist in aerospace and mechanical engineering, co-authored "Genetic-Algorithm-Based Predictions of Fin-Tube Heat Exchanger Performance" with A. Pacheco-Vega, published in G.F. Hewett and S.T. Ro, eds., Heat Transfer 1998, Proceedings of the 11th International Heat Transfer Conference, vol. 6. Seoul, Korea: KSME, 1998, pp. 137-142. He and Mohamed Gadel-Hak, professor of aerospace and mechanical engineering, co-authored "Analysis of Viscous Micropumps and Microturbines" with David DeCourtye, published in the International Journal of Computational Fluid Dynamics, vol. 10, no. 1, 1998, pp. 13-25.

Mei-Chi Shaw, professor of mathematics, co-authored "Subelliptic Estimates for the ∂-Neumann Operator on Piecewise Smooth Strictly
Pseudoconvex Domains" with J.
Michel, published in *Duke Mathematics Journal*, vol. 93, 1998, pp. 115–128. She co-authored "C∞-regularity of Solutions of the Tangential CR Equations on Weakly Pseudoconvex Manifolds" with J. Michel, published in *Mathematics Annalen*, vol. 311, 1998, pp. 147-162.

Billie F. Spencer Jr., professor of civil engineering and geological sciences, wrote "Magnetorheological Dampers: Seismic Application of Smart Materials," published in *Proceedings of the 32nd Solid Mechanics Conference*,

September 1-5, 1998, Zakopane, Poland, pp. 31-32. He and Michael K. Sain, Freimann professor of electrical engineering, wrote "Controlling Buildings: A New Frontier in Feedback," published in Shock and Vibration Digest, vol. 30, no. 4, July 1998, pp. 267-281. Spencer and Sain co-authored "'Smart' Seismic Dampers" with J.D. Carlson and G. Yang, published in ed. N.K. Srivastava, Proceedings of the Structural Engineers World Congress, San Francisco, California, July 19-23, 1998. Spencer, Sain and Erik A. Johnson, visiting research professor of civil engineering and geological sciences, wrote "Technological Frontiers of 'Smart' Protective Systems," published in Chin-Hsiung Loh and Jenn-Shin Hwang, eds., Proceedings of the Asia-Pacific Workshop on Seismic Design and Retrofit of Structures, August 10-12, 1998, Taipei, Taiwan, pp. 346-360.

Mark A. Suckow, director of the Freimann Life Science Center, coauthored "Induction of Protective Immunity in Rabbits by Coadministration of Inactivated Pasteurella multocida Toxin and Potassium Thiocyanate Extract," published in *Infection and Immunity*, no. 8, 1998, pp. 3788-3795.

Lee A. Tavis, Smith professor of finance, and Georges Enderle, O'Neil professor of international business ethics, wrote "A Balanced Concept of the Firm and the Measurement of Its Long-term Planning and Performance," published in the *Journal of Business Ethics*, vol. 17, no. 11, August 1998, pp. 1129-1144.

Steve Tomasula, assistant professional specialist in English, wrote "The [Sketch] Book of Portraiture [Restored Volume] by Diego de Velázquez, Painter and Courtier [Hopeful] as Written by Himself Near the End of a Long and Distinguished Career" (part III), published in *Eratica*, vol. 3, no. 3, Summer 1998, pp. 1-15. He also wrote "Farewell to Kilimanjaro," published in *The Pannus Index*, vol. 2, no. 1, 1998, pp. 46-99. His review "Full-bodied Lit: Digitas: The New York Digital Review of Arts and Literature" was published in the American Book Review, vol. 19, no.

6, September-October 1998, pp. 9+. He wrote a review of *Torn Wings and Faux Pas: A Flashbook of Style, A Beastly Guide Through the Writer's Labyrinth*, by Karen Elizabeth Gordon, published in the *Review of Contemporary Fiction*, vol. 28, no. 2, Summer 1998, pp. 231-32. He also wrote the introduction to the *Electronic Book Review's* second volume on "Narrative Theory and the Image," co-edited with Anne Burdick, no. 7, Summer 1998.

Eugene Ulrich, professor of theology, wrote "The Dead Sea Scrolls and the Biblical Text," published in *The Dead Sea Scrolls after Fifty Years: A Comprehensive Assessment, vol. 1,* edited by Peter W. Flint and James C. VanderKam, Leiden, The Netherlands: Brill, 1998, pp. 79-100. He co-authored "A Preliminary Edition of 4Qpsj (4Q91)" with Peter Flint and Patrick Skehan, published in the *Bulletin for Biblical Research*, vol. 8, 1998, pp. 79-100.

Arvind Varma, Schmitt professor of chemical engineering, co-authored "Mechanisms of Combustion Wave Propagation in Heterogeneous Reaction Systems" with S. Hwang and A.S. Mukasyan, published in *Combustion and Flame*, vol. 115, 1998, pp. 354-363. He co-authored "Combustion Synthesis of Advanced Materials: Principles and Applications" with A.S. Rogachev, A.S. Mukasyan, and S. Hwang, published in *Advances in Chemical Engineering*, vol. 24, 1998, pp. 79-226.

Robert P. Vecchio, Schurz professor of management, wrote "Continuing Challenges for the Contingency Model of Leadership," published in Monographs in Organizational Behavior and Industrial Relations, vol. 24, 1998, pp. 115-124.

Paul P. Weinstein, professor emeritus of biological sciences, wrote "Morphology and Differentiation of the Coelomoytes of the Free-Living Stages of *Nippostrongylus brasiliensis*," published in the *Journal of Parasitology*, vol. 84, no. 4, 1998, pp. 730-738.

John P. Welle, associate professor of Romance languages and literatures, wrote "Tra cinema e letteratura: appunti sulla diffusione e la ricezione delle opere pasoliniane negli Stati Uniti," published in *Pier Paolo Pasolini:* "Viers Pordenon e il mont," edited by Nico Naldini, vol. 1, Provincia di Pordenone, 1998, pp. 19-29.

Rev. James F. White, professor of theology, wrote "How Do We Know It Is Us?," published in Liturgy and the Moral Self: Essays in Honor of Don E. Saliers, edited by E. Byron Anderson and Bruce T. Morrill, Collegeville: Liturgical Press, 1998, pp. 55-65. He wrote "Seminary Chapel Buildings and Spiritual Formation," published in Finding Voice to Give God Praise, edited by Kathleen Hughes, Collegeville: Liturgical Press, 1998, pp. 4-13. He coauthored Church Architecture: Building and Renovating for Christian Worship, new edition, with Susan J. White, Akron, Ohio: OSL Publications, 1998, 145 pages.

Erhard M. Winkler, professor emeritus of civil engineering and geological sciences, wrote "The Complexity of Urban Stone Decay," published in *Geotimes*, vol. 43, no. 9, 1998, pp. 25-29.

Kwang-tzu Yang, Hank professor of aerospace and mechanical engineering, co-authored "Flow Instabilities in Confined Rayleigh-Benard Convection" with D. Mukutmoni, published in C.L. Tien, ed., Annual Review of Heat Transfer, Volume VIII. New York: Begell House, 1997, pp. 47-88. He co-authored "Calculation of Turbulent Natural Convection in Three-Dimensional Enclosures" with J.M. Londino, published in G.F. Hewett and S.T. Ro, eds., Heat Transfer 1998, Proceedings of the 11th International Heat Transfer Conference, vol. 3. Seoul, Korea: KSME, 1998, pp. 453-458.

Samir Younés, associate professor of architecture, wrote "The Zanitsch Residence, Counting on a Current, B. Mitrovic," published in *Architecture*, *New Zealand*, July-August 1998, p. 88.

Randall Zachman, associate professor of theology, wrote "Calvin as Analogical Theologian," published in the *Scottish Journal of Theology*, vol. 51, no. 2, pp. 162-187.

Appointments

Paul F. Bultinck has been appointed manager of payroll services. As payroll manager, Bultinck is responsible for managing all aspects of the payroll services office, including payroll operations, training, coordination of related functions with the departments of human resources and student employment, communication of payroll issues in the University community, and participation on various other University committees. He is also responsible for assisting in managing the University's tax compliance function within the payroll area in conjunction with the University tax director, and researching and resolving payroll accounting issues. Prior to joining the University, Bultinck served as payroll manager with Bayer Corporation, a Pittsburghbased pharmaceutical manufacturer.

Richard F. Klee Jr. has been appointed to the newly created position of tax director. As tax director, Klee's principal role will be to ensure that the University-wide tax practices are in compliance with federal and state tax laws as well as other regulatory requirements. He will also review emergining tax issues and promote University education and awareness of tax issues and ramifications. Klee spent the last 15 years at the chief financial officer of the South Bend Clinic, a multi-specialty physician group with more than 60 doctors.

Thomas Monaghan, most recently director of interactive content for University Netcasting, Inc., has been appointed to the newly created position of World Wide Web administrator at the University of Notre Dame. Prior to joining University Netcasting, Monaghan was co-coordinator of technology for Notre Dame's DeBartolo Hall from 1993-96, assisting in the management of hardware and software, testing and troubleshooting activities, scheduling, upgrading and overall technological support. He served as assistant manager of the University's computer store, where he consulted with students, faculty and

staff on the purchase of computer hardware and software, taught Macintosh courses, and maintained vendor relations and payment schedules, from 1990-93.

Honors

Bob Mear, systems administrator for Food Services, was elected the primary representative for colleges and universities of the CBORD User Advisory Council for a two-year term, 1998–2000.

Activities

Andres Deliyannides, technical support/analyst in the Graduate School, and Pela Varodoclu, business process consultant with the Office of Information Technologies, presented "The Graduate Admissions Application Project at Notre Dame" at WebdevShare98 at Indiana University in Bloomington, Indiana, September 15.

Michael W. Favorite, assistant director of audit and advisory services, presented "Edith Cowan/Notre Dame International Staff Exchange" at the 42nd annual conference of the Association of College and University Auditors in Keystone, Colorado, September 20–24.

Michael Geglio, supervisor of analysts and programmers in the Office of Information Technologies, presented "General Ledger Inquiry at Notre Dame: A Network Java Application" at WebdevShare98 at Indiana University in Bloomington, Indiana, September 15.

Timothy Truesdell, director of development research, presented "Nuts and Bolts of Prospect Research" to the National Society of Fund Raising Executives at its Indiana Fundraising Day observance in Indianapolis, Indiana, September 18.

Pela Varodoglu, business process consultant in the Office of Information Technologies, and Andrew Deliyannides, technical support consultant/analyst in the Graduate School, presented "The Graduate Admissions Application Project at Notre Dame" at WebdevShare98 at Indiana University in Bloomington, Indiana, September 15.

Publications

Alan S. Bigger, director of building services, co-authored "Trash Talk 1998 or Recycling Your Resources...Getting Off Dead Center" with Linda B. Bigger, published in *Executive Housekeeping Today*, October 1998, pp. 8, 10-13.



Presentation of Notre Dame Award to His Eminence, Cardinal Vinko Puljic, Archbishop of Sarajevo

October 7, 1998

Opening Remarks by Rev. Edward A. Malloy, C.S.C.:

There are place names which become touchstones for the tragedy which seems to inhere in all of human history. As this bloodiest of centuries comes to a close, Sarajevo has become one of these. Only a few years ago, the people of the world looked on in horror — and, sadly, did little else — as this once beautiful, once civilized, once cosmopolitan, once wonderfully hospitable city was savagely dismembered. Every day our television screens and newspaper front pages carried images of Christ crucified in the Sarajevan streets, such images as now come to us from the nearby Kosovo region. And we continue to look on in horror, or, like the first followers of Jesus, to look away together.

Tonight the Notre Dame community welcomes a guest whose pastoral ministry in his shattered homeland is at once a treasure of our own church and a light to all the nations. Cardinal Vinko Puljic has joined colleagues from Bosnia's Serbian Orthodox, Islamic and Jewish communities in a powerful ecumenical witness for peace. Defying longstanding sectarian hatreds - and even threats against their own lives - these religious leaders last year established the Inter-Religious Council in Bosnia, condemning religious and ethnic violence and pledging themselves to reconciliation and a common vision of mutual respect and cooperation.

Tonight, we confer the Notre Dame Award on Cardinal Puljic as an expression of the admiration and gratitude of the entire Notre Dame community for the courage of Bosnia's men and women of faith. We also join our prayers for peace with his and those of our Orthodox, Moslem and Jewish brothers and sisters.

Cardinal Puljic,

When swords of creed and tribe divide a land.

they cleave the human soul as well, disfigure all that God has made and loves,

and desecrate a sanctuary where He means to dwell.

You, Eminence, have seen this blasphemy up close

and born courageous witness against it, summoning other Children of Abraham

to stand with you and speak God's truth

to this world's darkest power.

With other Balkan People of the Book, calling on the One True God from churches of the East and West, from synagogue and mosque, you have given voice to the summons of God's holy peace.

You preach, as did your predecessor, Paul,

that God has made of one blood all the nations of the earth,

which is to say we are not slaves, but sons and daughters;

that the blood in every person's veins belongs to God alone;

and that Love will speak the last word in Bosnia, as in the world.

By joining those who risk their lives to say that this is so,

you prophesy a land and people transfigured.

Therefore, the University of Notre Dame, our Mother, Queen of Peace, salutes you as a herald of God's kingdom

and asks that you accept our token praise

in honor of such courage, in gratitude for such vision, and in celebration of such kinship.

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Acceptance Speech by His Eminence, Cardinal Vinko Puljic, Archbishop of Sarajevo:

Dear Bishop D'Arcy, Bishop Jenky, President Malloy, distinguished guests, faculty, students, and friends of the University community,

I am very grateful to be invited to the campus of the University of Notre Dame, a Catholic institute of higher learning which, for more than 150 years, has contributed so much to the life of the church and society in the United States and throughout the world.

Over the years, the University's mission of education has been enriched by a strong component of community, and by a broad diversity of students and faculty. In this regard I must mention the contribution of the great Croatian sculptor, Ivan Mestrovic, who was invited to take a professorship at Notre Dame in 1955, and who died hee in 1962. The presence of his work on campus today eloquently bridges the vast distance between my home and yours.

I am honored and deeply moved to receive the 1998 Notre Dame Award for international humanitarian service, especially when I consider the scope of the good work represented and the stature of previous winners: President Jimmy Carter and his wife, Rosalynn, the late Mother Teresa of Calcutta, Jean Vanier, Helen Suzman, John Hume, and Brother Roger of Taizé.

The Notre Dame Award was initiated in 1992. This was a year of great significance for myself and for all the people of Bosnia-Herzegovina. At the referendum organized by the democratically-elected government, we opted for independence on March 1, but then tragic war in Bosnia began. In early April of 1992, the siege of Sarajevo began, a siege that would last 42 months, until September 1995, resulting in more than 10,000 deaths in the city alone. Altogether in Bosnia, about 200,000 died in the war, with an incalculable amount of material, moral and spiritual destruction.

The churches and sacral buildings were particular targets of the aggressors, because they wanted to destroy the monuments and institutions of different ones. At the time of the war, the Archdiocese of Sarajevo had 520,000 Catholics in 144 parishes. Now the number is around 200,000, but many of them no longer live in their own homes. Eight priests and two nuns were killed in the war.

Today, October 7, the Catholic Church around the world celebrates the feast of the Holy Rosary, and we in Sarajevo and in Bosnia-Herzegovina know too well the painful "sorrowful mysteries" we experienced during the war, sorrowful mysteries of ethnic cleansing, deprivations of food and shelter, abuses of basic human rights. Throughout the war, we were not without our own "joyful mysteries" and "glorious mysteries," as well. The goodness and mercy of God was seen in the heroic witness of many who acted with compassion in times of evil and hatred.

As I prepared for my visit to your campus, I came upon the playful nickname of your sports teams, the "Fighting Irish." This nickname is accompanied by the image of the Leprechaun, the Irish folklore character. I am intrigued because, in the nickname, an ethnic group, the Irish, is associated with fighting. Presumably the fighting refers to the spirit of athletic competition against other universities. Of course, in my country, ethnic groups are also associated with fighting, but this has much different meaning. The fighting has been so deadly and so serious that we may never be able to call our sports teams the "Fighting Croats," or the "Fighting Bosniaks" or the "Fighting Serbs." Looking at the situation in Norther Ireland, "fighting Irish" takes on another meaning altogether, does it

And yet, when we research the origin of the "Fighting Irish" nickname at Notre Dame, we see a strong and profound connection with the situation in my homeland of Bosnia-Herzegovina. In the earlier part of this century in the United States, Catholics of Irish descent were victims of anti-Catholic and

anti-Irish prejudice. At Notre Dame, athletes were subject to terrible insults against their Irish heritage that were shouted at them during the games. The Irish Catholics who were students and faculty members at the University of Notre Dame did not surrender to such prejudice. In fact, they made it a point of pride and honor, and soon the name "Fighting Irish" became the official nickname of the athletic teams.

In Bosnia-Herzegovina, as is well known, ethnic and religious prejudice was behind the hatred and violence that plunged our country into war. Those who dared to defend themselves against this prejudice also suffered greatly, losing their homes or their lives in the struggle.

Tonight, I invite the "Fighting Irish" of Notre Dame to renew your commitment in the ongoing fight for peace and justice in the world. This is one fight we can all rightly participate in; indeed it is a fight we all must participate in. With the apostle Paul, may we all one day be able to say "I have competed well; I have finished the race, I have kept the faith" (2 Timothy 4:7). Throughout history, the role of injustice in war is well documented. Economic exploitation of poor peoples, a greedy quest for land, a hate-filled nationalism - these are just a few examples of the unjust motives that lead nations to war. The only remedy is the pursuit of justice, motivated by the love of God. As the prophet Isaiah writes, "justice will bring about peace; right will produce calm and security" (Isaiah 32:17)

Even though the fighting has ended in Bosnia, the struggle for justice has not. Indeed, even the violence has not entirely ended. Only five months ago, an attempt was made on my life in a destroyed church in northern Bosnia, and just this summer, a Catholic Church was firebombed not far from Sarajevo. Also remaining, for example, are troubling justice issues regarding the reconstruction of our economy, the fairness of our politics, and the return of displaced citizens. One out of every two people in our country have been forced from their homes by ethnic cleansing, even

though the Croatian people dwelled for 14 centuries in their present homeland. Countries such as the United States and Germany have been forced to welcome large numbers of our refugee-citizens as never before. For these people, the process of returning to their homes has been very slow and difficult.

When we talk about the fight for justice around the world, there are many places to begin, and perhaps one place is the reality of globalization, to which many people today are attracted. We speak too easily of globalization as an unchallenged good, when in fact globalization still leaves a great deal to be desired. The gap between the world's richest and poorest people continues to widen. The richest one-fifth of people in the world consume 86 percent of the world's goods and services, while the poorest one-fifth consume slightly more than one percent.

Globalization may enhance the creation of new business partnerships, it may give greater access to information and the material things of this world, but it does not automatically result in the formation of committed neighbors. As Catholics and as people of goodwill, we must be vitally concerned about the well-being of the neighborhood we are inhabiting. From the time of Cain, who asked in the Book of Genesis, "Am I my brother's keeper?" (Genesis 4:9), through the scholar in the Gospel of Luke who asked Jesus, "An who is my neighbor?" (Luke 10:29), the word of God has given us challenging answers on widening the boundaries of our neighborhood, and not to give in to isolation and prejudice. Taking action for justice is a primary element in living the Gospel. During the war in Bosnia, we heard words of friendship from the international community, but these words were often not matched by concrete actions of solidarity. For too long, the international community did not act to end the killing and aggression.

Americans and Catholics face special challenges in this regard, as members of a country and a faith that has much to give to others. As the American Bishops write in their recent docu-

ment, Called to Global Solidarity: "The international commitment of the Church in the United States is not all it can and should be...the Church's teaching on international justice and peace is not simply a mandate for a few large agencies, but a challenge for every believer and every Catholic community of faith." This responsibility goes all the more for a Catholic university community such as the University of Notre Dame. In your own mission statement, you include the creation of "a sense of human solidarity and concern for the common good that will bear fruit as learning becomes service to justice." This is a noble aim for which you are to be commended.

On his last visit to the United States, in 1995, Pope John Paul II said, "Compared to many other parts of the world, the United States is a privileged land. Yet, even here there is much poverty and human suffering. There is much need for love and the works of love; there is need for social solidarity. Early Americans were proud of their strong sense of individual responsibility, but that did not lead them to build a radically individualistic society. They built a community-based society, with a great openness and sensitivity to the needs of their neighbors.

So, my brothers and sisters of the University of Notre Dame, your Catholic heritage and your American heritage have given you much to be thankful for, and much to continue to struggle towards. I thank you again for the Notre Dame Award, and I ask that the words of the Psalmist come true in all of your lives: "For you, Lord, bless the just; you surround them with favor like a shield" (Psalms 5:13).

Thank you.

Faculty Board on Athletics

February 12, 1998

In attendance: Rev. E. William
Beauchamp, C.S.C., Chair; Professor
Tex Dutile; Professor Joseph
Guiltinan; Professor Kate Halischak,
recorder; Professor George Howard;
Professor Jerry Marley; Ms. Kristine
Kramer; Professor James McAdams;
Professor Patricia O'Hara; Professor
William Ramsey; Professor Frank
Reilly; Mr. Michael Wadsworth. Absent: Professor Morton Fuchs; Professor
Alexander Hahn. Visitor: Rev.
Mark Poorman, C.S.C.

The meeting was called to order at 4:39 p.m.

The minutes of the December 2, 1997, meeting were accepted.

- 1. The Board considered recommendations for the playing schedules for Men's Lacrosse and Women's Soccer. The schedules were approved. These lists are attached to these minutes and hereby incorporated by reference as an official part of the Board minutes.
- 2. The Board considered the recommendations for monograms in Cheerleading, Men's Soccer (addendum), Women's Soccer, Volleyball as well as for Student Managers and Trainers. The monograms were approved. These lists are attached to these minutes and hereby incorporated by reference as an official part of the Board minutes.
- 3. The Board then considered the names of proposed captain candidates for various sports. The following were approved: Kerry Callahan, Mara Grace, and Eileen Regan for Women's Lacrosse; Matt Johnson and Phil Murphy for Men's Soccer; Shannon Boxx and Jennifer Grubb for Women's Soccer; Mike Doyle, Chris Fugate, Vince Kuna, Jeff Page, Steele Whowell, and Scott Zumbach for Men's Swimming; and Lindsay Treadwell and Mary Leffers for Volleyball.

- 4. The Board reviewed a summary of the 1998 Football recruits. Father Beauchamp, Professors Howard, Guiltinan, and Halischak commented on the faculty involvement in the recruiting visits.
- 5. Professor Halischak presented information regarding the academic performance of student-athletes during the fall semester, including semester and cumulative GPA's for each sport. The report showed that Women's Track had the highest team semester average.
- 6. The Board next considered a revised draft of a policy statement on the fifth year of eligibility. This draft included additional language regarding clearance by the Office of Student Affairs for those student-athletes seeking a fifth year of eligibility. In the discussion that followed, several Board members asked points of clarification, which were answered by either Father Beauchamp or Mr. Wadsworth. Having agreed on the final form of the policy, the Board voted to adopt the policy.
- 7. Following the adoption of the fifth year policy, the Board considered the names of Ty Goode, Malcolm Johnson, Luke Petitgout, and Clement Stokes as candidates for a fifth year of eligibility in Football. Each candidate had completed the new application form, and the Board reviewed each individually. Mr. Wadsworth and Professor Halischak commented on the athletic and academic merits of each. The Board approved all candidates.
- 8. Professor Reilly asked Mr. Wadsworth about rumors regarding the closing of the Men's Faculty Locker Room and the Faculty Fitness Room in the JACC. Professors McAdams and Reilly spoke about the benefits of these private spaces. Mr. Wadsworth assured the Board that the faculty facilities will continue to be offered in the JACC; however, they may be moved from their current site to another within the building. Mr. Wadsworth discussed the overall demands for space in the JACC, but again noted that any remodeling plans would include faculty locker and fitness rooms.

9. Following Mr. Wadsworth's discussion of the fitness room, Ms. Kramer asked Mr. Wadsworth about the new strength and conditioning coach. She pointed out that in recent years, many improvements have been made in the use of the fitness and weight room for Olympic sports athletes. She would like to see that continue. Mr. Wadsworth outlined the hiring process of the new coordinator of strength and conditioning and assured the Board that the interest of the Olympic sports was very much at the heart of the development of the fitness program.

There being no further business, the meeting was adjourned at 6:11 p.m.

March 24, 1998

In attendance: Rev. E. William
Beauchamp, C.S.C., Chair; Professor
Tex Dutile; Professor Morton Fuchs;
Professor Joseph Guiltinan; Professor
Kate Halischak, recorder; Professor
Alexander Hahn; Professor George
Howard; Professor Jerry Marley; Ms.
Kristine Kramer; Professor James
McAdams; Professor Patricia O'Hara;
Professor William Ramsey; Professor
Frank Reilly; Mr. Michael Wadsworth.
Visitor: Rev. Mark Poorman, C.S.C.

The meeting was called to order at 4:33 p.m.

The minutes of the February 12, 1998, meeting were accepted.

- 1. The Board considered recommendations for the playing schedules for Men's Soccer and Volleyball. The schedules were approved. These lists are attached to these minutes and hereby incorporated by reference as an official part of the Board minutes.
- 2. The Board considered a recommendation for a revision to the Men's Golf playing schedule. Due to a change in scheduling, an event was moved to early May. The Board felt that sacrificing three of the four study days to participate in a non-conference, non-championship event was not in the best interest of the students or the program. Therefore, the Board voted to

deny the recommendation for a revision to the Men's Golf playing schedule.

- 3. The Board considered the name of Holly Manthei as a candidate for a fifth year of eligibility in Women's Lacrosse. Mr. Wadsworth and Professor Halischak commented on the athletic and academic merits of the application. The Board approved the candidate. Father Beauchamp also mentioned the name of Paul Rainey, a nonscholarship member of the Men's Basketball team who would like to return for a fifth year. The Board felt that even though Paul Rainey was not a scholarship athlete, he should file the application.
- 4. The Board was presented with copies of the Athletic Department's confidential memo to the NCAA regarding recent reports of a number football players receiving gifts from a woman now charged with embezzlement. Father Beauchamp and Mr. Wadsworth discussed the main points of the case (whether the person who gave these gifts can be considered a representative of the University or whether her personal relationship with the players supersedes). Various Board members asked questions, which Mr. Wadsworth or Father Beauchamp fielded. The Board concurred on the gravity of the situation and the ongoing need for athlete education regarding gifts. The Board will be kept appraised of the ongoing developments.
- 5. Mr. Wadsworth updated the Board on the continuing negotiations regarding the football Bowl Alliance and Notre Dame's participation. Mr. Wadsworth sketched out a variety of scenarios for ND based upon our winloss record and that of other teams from several conferences. He will keep the Board informed as negotiations go on.
- 6. The Board next turned its attention to an issue initially raised last year regarding first-year academically at-risk students traveling with teams to away competitions. Mr. Wadsworth had collected statements from all coaches; copies of those had been distributed to Board members at an earlier meeting.

Professor Halischak talked about what steps had been taken. Following her remarks, the Board voiced its support for the cooperation between the Athletic Department and First Year of Studies and Academic Services. The Board asked for a written statement that outlines the procedures followed.

There being no further business, the meeting was adjourned at 5:47 p.m.

April 7, 1998

In attendance: Rev. E. William
Beauchamp, C.S.C., Chair; Professor
Tex Dutile; Professor Morton Fuchs;
Professor Joseph Guiltinan; Professor
Kate Halischak, recorder; Professor
Alexander Hahn; Professor Jerry
Marley; Ms. Kristine Kramer; Professor
James McAdams; Professor Patricia
O'Hara; Professor William Ramsey;
Professor Frank Reilly; Mr. Michael
Wadsworth. Visitor: Rev. Mark
Poorman, C.S.C. Absent: Professor
George Howard.

The meeting was called to order at 4:37 p.m.

The minutes of the March 24, 1998, meeting were accepted.

- 1. Mr. Wadsworth updated the Board on the negotiations regarding the football Bowl Championship Series and Notre Dame's participation. He stated that current negotiations provide that if we are ranked in the top ten, based on a compilation of polls, or if we have a 9-2 record, we will receive an invitation to one of the top tier bowls. He will keep the Board informed as talks continue.
- 2. The Board was appraised of developments regarding the Athletic Department's memo to the NCAA regarding football players receiving gifts from a woman now charged with embezzlement. Professor Hahn asked what steps have been taken to try to preclude a similar occurrence in the future. Mr. Wadsworth talked about a number of meetings that had taken place regarding compliance. He also noted that Bob Chmiel will have an expanded role in this area with the football program.

- 3. The Board considered monogram recommendations for Men's Basketball and Men's & Women's Fencing. There being no exceptions, the schedules were approved. These lists are attached to these minutes and hereby incorporated by reference as an official part of the Board minutes.
- 4. The Board considered the name of Paul Rainey as a candidate for a fifth year of eligibility in Men's Basketball. Father Beauchamp and Professor Reilly commented on the athletic and academic merits of the application. The Board approved the candidate.
- 5. The Board considered the names of Bobbie Howard, Kory Minor, and Mike Rosenthal as captain candidates in Football. After a brief discussion, the Board voted approval of all names.
- 6. The Board then took up the main item on the agenda: the Byron V. Kanaley Award, which is annually awarded to the senior monogram athlete who is most exemplary as a student-athlete and as a leader. The Board noted the number of strong candidates, discussed many of the candidates, and then voted to award Pat Garrity of Men's Basketball, Steve Noble of Hockey, Errol Williams of Men's Track, Linda Gallo of Women's Swimming and Jaimie Lee of Volleyball the 1998 Byron V. Kanaley Award.
- 7. Professor Fuchs introduced the idea of a faculty mentoring program which would be available to more student-athletes. Currently, an academic honors program matches the top 25 student-athletes with faculty members in the students' major fields. Mr. Wadsworth and Professor Halischak discussed several other mentoring programs that are in place through the Life Skills Program and Academic Services.

There being no further business, the meeting was adjourned at 5:41 p.m.

April 23, 1998

In attendance: Rev. E. William
Beauchamp, C.S.C., Chair; Professor
Morton Fuchs; Professor Joseph
Guiltinan; Professor Kate Halischak,
recorder; Professor Alexander Hahn;
Professor George Howard; Ms. Kristine
Kramer; Professor Patricia O'Hara; Mr.
Michael Wadsworth. Visitor: Rev.
Mark Poorman, C.S.C. Absent: Professor Tex Dutile; Professor Jerry Marley;
Professor James McAdams; Professor
William Ramsey; Professor Frank
Reilly.

The meeting was called to order at 4:34 p.m.

The minutes of the April 7, 1998, meeting were accepted.

- 1. The Board considered monogram recommendations for Women's Basketball, Hockey, Men's Swimming, Women's Swimming and Men's Tennis. The Board discussed the exceptions and recommendations of the coaches, and voted to approve all requests for monograms. These lists are attached to these minutes and hereby incorporated by reference as an official part of the Board minutes.
- 2. The Board then considered the names of proposed captain candidates for Women's Swimming. The following were approved: Anne Iacobucci and Elizabeth Barger.
- 3. The Board considered the names of Jay Hofner as a candidate for a fifth year of eligibility in Men's Track and Berit Junker in Women's Track. The Board approved the candidates, pending approval from the Office of Student Affairs
- 4. The Board considered a written response to team travel by academically at-risk student-athletes and voted to include the response as an official part of these minutes.
- 5. A summary of the academic performance of current fifth-year student-athletes was distributed to the Board. A brief discussion followed.

- 6. Father Beauchamp noted that the Faculty Board terms of Professors George Howard and Tex Dutile were ending. He thanked them, as well as Kristine Kramer, the student representative, for their service to the Board.
- 7. Father Beauchamp asked the Board for its permission to act on the Board's behalf in routine matters throughout the summer. Permission was granted.
- 8. Mr. Wadsworth presented the most recent update regarding the negotiations for the football Bowl Championship Series and Notre Dame's participation. He provided a detailed memo that outlined various bowl scenarios, winnings distribution, and poll information. He stated that the major provisions for the series are set and that an announcement regarding the Bowl Championship Series will be forthcoming in the next few weeks.
- 9. A summary of senior student-athletes and their requests to live off campus was distributed to the Board.

There being no further business, the meeting was adjourned at 5:48 p.m.

University Committee on Libraries

August 19, 1998

The meeting was called to order at 7:30 a.m. the Morris Inn by Chairman John Halloran. Also in attendance were Harvey Bender, Kelly Gritten, Roger Jacobs, Philip Johnson, Alan Krieger, Larry Rapagnani, Laurence Taylor, Jennifer Younger, guest Joanne Bessler and secretary Melodie Eiteljorge.

The minutes of the meeting of May 6, 1998 were approved as written.

The first order of business was the selection of a chair for the academic year. John Halloran was asked to serve another term, and he accepted.

Director's Report: Jennifer Younger reported that the Scholarly Publishing and Academic Resources Coalition (SPARC) has announced their first endeavor to publish a series of new papers. As reported at the March 18 meeting, the SPARC project is sponsored by the Association of Research Libraries (ARL). The purpose is to facilitate alternative means of journal publishing. University presses are particularly seen as logical players.

Harvey Bender noted that a search is currently underway for a director of the University Press. He suggested that this group should participate in this in any way that might be appropriate.

Younger next reported on recent site visits to Emory University and the University of Southern California (USC). Members of the Libraries Program Planning Committee attended, and representatives from the Office of Information Technology (OIT) joined them at Emory for a day.

Emory has a Center for Library and Information Resources, designed by Shepley Bulfinch Richardson and Abbott, the architectural firm hired for our project. One interesting feature is a balcony on the fourteenth floor

which is used for receptions, etc. Bender asked if it might be possible that the fourteenth floor of the Hesburgh Library could be available for academic purposes. Younger replied that this has come up in discussions about renovation. However, we do not expect that possibility. Currently we are undertaking some discussions with the University Archives. Originally we thought they would be moving, but in rethinking the situation, it might be more appropriate for archival services to remain in the Hesburgh Library building. This would affect the total space configuration for the building.

Bender noted that the life sciences and chemistry/physics branch libraries are very cramped for space. There has been some discussion about a pod above and below ground level as a common facility. He suggested that this might be a good time to address that.

Younger responded that the Libraries Program Planning Committee is looking at the needs of the branch libraries, which do have an impact on how we use the space in Hesburgh. She noted a future scenario: with an information management center, we could have items shelved elsewhere, digitized on demand and transferred electronically to the user's desktop.

Bender asked how that relates to the OIT. In response to Bender's first suggestion, Larry Rapagnani responded that he is on the University's Space Planning Committee. Most of the colleges, including the sciences, engineering and law, are in the process of assessing space planning needs. In regard to the relationship of the Libraries to OIT, he stated that it is the mission of OIT to support all entities in technological ways that make sense. We currently have distant libraries that need support, including facilities in London and Australia.

Bender stated that he is aware of discussions at the college level. It may be that a body such as this, however, could make recommendations that are very attractive in light of the entire situation. Rapagnani responded that

the Space Planning Committee would welcome comments from a group such as this.

Younger noted that at Emory there was a collaborative effort between the library and computing. They have an information commons that supports office suite software as well as information resources on computers for students. This is a new, one-stop facility. At the University of Southern California, there is an information desk staffed by both librarians and computer experts.

Halloran asked if the budgets for Emory and USC were consistent with our budget. Rapagnani replied that there were some unique situations and environmental obstacles at Emory which would make it difficult to determine this. Younger added that we are beginning the renovation process with program planning to identify library services and programs for the 21st century, at least for the first decade or two. Rapagnani added that the renovations of the OIT and the Hesburgh Library are on approximately the same timetable, so that collaboration does make sense.

Bender noted that Barbara Walvoord is involved in the development of the new Center for Teaching and Learning. He suggested that we invite her to a meeting to discuss that program. Younger agreed that that would be useful. Bender also suggested that we invite Nathan Hatch to a future meeting.

Alan Krieger recalled that there were to be two groups involved in program planning: the Libraries Program Planning Committee and a larger, University-wide advisory group. He asked about the status of forming the second group. Younger replied that she has not yet appointed the larger group, although John Halloran has agreed to serve on it as a representative of UCL.

Krieger suggested that the advisory group might address Bender's concerns about branches. Younger replied that the architects plan to meet with focus groups of faculty and students, which will be organized by college for faculty. Once dates are set for the architects to

visit, we will solicit and invite faculty who might want to attend.

Bender suggested that we make sure deans are in the loop somehow. Halloran asked about the time frame. Younger replied that the planning groups and focus groups will meet this fall. By January we should know what kinds of programs and services we want to include. During the first three months of 1999 we will create plans for housing library staff, service points, study space and collections into the Hesburgh Library. The architects will create master plan alternatives for submission to the Officers of the University. The goal is to complete this stage by the end of the spring semester, although that is ambitious, both for the architects and the Libraries.

Bender noted that slippage in the time line could affect plans for events in celebration of the renovation. He asked how plans for that are proceeding. Younger replied that, based on earlier suggestions, she talked to Father Hesburgh about his possible participation. He is interested and would like to be involved. Bender added that he would be happy to be involved as well. He feels that planning should start soon.

Update on Revised Serials Circulation Policy. Joanne Bessler distributed a flyer on the proposed policy revision and reported that the policy change will take effect and the flyer sent to all University faculty and graduate students, barring unforeseen obstacles. It will also be posted in dormitories and made available at circulation points. This change was discussed with UCL last semester.

As a refresher, Bessler explained that in the past, serials circulated for five days; that will change to two. This change was based on four studies here of patron complaints of serial volumes not on the shelf, and also studies of peer institutions on circulation policies. We have determined that 40% of serials stay out overdue and that the main reason for checking out serials is to make photocopies. Also, most of our peer institutions have circulation policies for serials of one day or less.

This year will be a test period for the new policy. Circulation staff and supervisors will be trained about predictors of low circulation, etc. so that they can make appropriate exceptions to circulate some serials for longer time periods. We will record exceptions for later evaluation. The Aleph system will provide circulation statistics. We will also be conducting follow-up surveys. UCL members are encouraged to relate to colleagues that any feedback is welcome.

Bender asked if copy capabilities have been updated. Bessler replied that a few machines have been upgraded, but there has not been a total change. Bender suggested that we include in future surveys questions about satisfaction with copy capabilities.

Laurence Taylor asked about the possibility of electronic copy capabilities as opposed to paper. Rapagnani responded that this can certainly be done with scanners. The OIT is currently experimenting with that technology. Younger added that this is part of the concept of an information management center, which she referred to earlier. Rapagnani added that there are copyright and fair use issues involved in this.

Halloran asked about sanctions for overdue serials with the new policy. Bessler replied that in discussions last semester, this group expressed concern about sanctions. We will speed up the process of sending overdue notices but will not increase fines this year.

Halloran asked if people generally take serials outside the library to copy them. Bessler replied that they do, especially because many departments provide free copies. We cannot compete with that.

Bessler reported that, in addition to the flyer, we will publicize URLs for journals that are available electronically. We will also adjust schedules for shelving so that items are back on the shelves more quickly.

Calendar. The next agenda item was the schedule of meetings for the year. The following dates were tentatively set:

September 16 October 14 November 18 December 9 January 20 February 17 March 17 April 21 May 12

Some adjustments may be necessary due to conflicts in the 1999 calendar.

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

Respectfully submitted,

Melodie Eiteljorge Secretary

University Committee on Women Faculty and Students

April 15, 1998

MEMBERS PRESENT: Kathleen Biddick, Beth Eldon, Barbara Fick, Dolores Frese, Kelly McMahon, Carol Ann Mooney, Michael Morris, Margaret Porter

EXCUSED: Melanie DeFord and Elaine Tracy

ABSENT: Ani Aprahamian, Joan Brennecke, Brendan Kelly

The minutes from the March 25, 1998, meeting were approved. The meeting proceeded with reports from the various subcommittees.

JUNIOR FACULTY MENTORING SUR-VEY. Barbara Fick reported that the full survey results and technical reports will be available within the week and will be circulated to committee members. Discussion of the report will continue next autumn. ACTION: Send a copy of this report to the University Affirmative Action Committee.

WOMEN'S RESOURCE CENTER. Barbara Fick, as chair of the Committee, sent a letter regarding appropriate space for the Women's Resource Committee to Mary Edgington (Student Affairs). Bill Kirk instructed the Committee that Mary Edgington is in charge of reallocation of space in LaFortune Student Center. Barbara Fick also sent a letter to the Club Coordinating Council supporting an appropriate budget allocation to support the work of the Women's Resource Center. Kelly McMahon updated the Committee about space reallocation and budget. At the time of the meeting their new location had not yet been announced. She reported that budgeting from the Club Coordination Council looked positive. Dolores Frese reported on her plan to schedule a meeting with Chris Fox, Associate Dean of the Institute for Scholarship in the Liberal Arts, to discuss pursuing a grant that would provide an umbrella for the work of the Women's Resource Center.

CORESIDENTIALITY. Kathleen Biddick reported on the Critical Issues Round Table on coresidentiality held on Wednesday, March 25, and co-sponsored by the Committee, Gender Studies Program and Student Government. The panel succeeded in broadening the conversation on coresidentiality to highlight the importance of intellectual maturity, diversity and choice. Panelists Dean Kolman (First year Studies) and Professor John Borkowski (Psychology) argued these points eloquently. The panel was covered in the Observer. Katie Beirne, the student government representative on the panel, who is currently preparing a report for the Student Committee of the Board of Trustees, reported in followup that the panel helped to shape the student report in helpful ways.

SEXUAL HARASSMENT. Carol Mooney reported that the revised proposal for instituting a program for consultants (faculty, student and staff) who will be trained to make available information about university procedures for sexual harassment. The

committee had filed no revisions and the current proposal was now going forward to Carol Kaesebier (University Council), Roger Mullins (Human Resources), Patricia O-Hara (Student Affairs) and Nathan Hatch (Provost). The cover letter to the proposal will be sent by the committee.

WOMEN'S LEADERSHIP-FACULTY. Michael Morris and Beth Eldon commented on the data they had gather for the frequency of women Director of Graduate Studies in the College of Arts and Letters from 1989-1998. This data along with the other data they have collected which plots the growth of the women's undergraduate enrollment with the statistics for women in the T&R faculty and administration (chairs of departments, deans, provost office) will be ready for report by next autumn.

ACTION: To share this report with the University's Affirmative Action Committee with the intention of discussing the advantages of a joint meeting on his issue.

WOMEN'S LEADERSHIP-UNDER-GRADUATE. Kelly McMahon reported on her analysis of women's leadership in undergraduate clubs. Based on the information for clubs in 1997-1998, there were 98 women club presidents and 105 male club presidents. This even distribution contrasted sharply with the presence of women in student government. Kelly McMahon reported on her interviews with current student leaders such as Andrea Selak (incoming Vice-President of Student Government). Discussion ensued in Committee on how to develop strategies to foster women's leadership in undergraduate governance.

ACTION: The Committee resolved to host a meeting next autumn with interested women in student government, with special emphasis on sophomores. The meeting would provide the opportunity to identify specific ways in which women leaders can be identified and supported in their goals for participating in student governance. The committee also resolved to ask the help of Dean Eileen Kolman in identifying those women in the first year

class with interests in student governance.

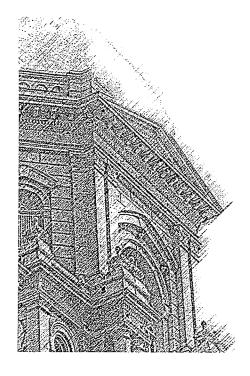
OTHER BUSINESS. The Committee further discussed the intersections of its work, especially its work on junior faculty mentoring and women faculty leadership, with the University's Affirmative Action Committee. Beth Eldon reported on her meeting with several members of that committee. The sharing of the reports on junior faculty mentoring and women faculty leadership in the autumn would provide an occasion for evaluating the feasibility of strategizing mutual interests.

The Committee also noted that it had to contact the Graduate Student Union President to alert them of their need to appoint two representatives to the committee next year. It also noted that Andrea Selak and Susan Roberts had expressed their interest in serving as undergraduate representatives to the Committee next year.

The next meeting of the University Committee for Women Faculty and Students is scheduled for Thursday, September 11, 1998 at 8:00 a.m.

Respectfully submitted, Kathleen Biddick

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