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the university

whirlpool sets up intern program

Notre Dame's College of Business Administration has received a $350,000 pledge from the Whirlpool Corporation of Benton Harbor, Michigan, to establish an intern program for students pursuing a master's of business administration (MBA) degree.

The program will provide stipends to four or five MBA students from the College for eight-week summer managerial internships at the Whirlpool Corporation; establish a series of lectures for Notre Dame MBA students by Whirlpool executives; and sponsor field trips to the Whirlpool headquarters in Benton Harbor.

The program, which will begin in the summer of 1988, will be administered by Larry B. Ballinger, director of Notre Dame's MBA program.

fourteenth annual third world relief campaign under way

As part of its fourteenth annual campaign, Notre Dame's Third World Relief Fund Committee is appealing to faculty and administrative staff to contribute to agencies which provide direct services and assistance for self-help projects to people in Africa, Asia, and Latin America.

Contributions to the 1988 campaign may be targeted for one or more of the following agencies: Caritas/Bangladesh; Catholic Relief Services: Church World Service/CROP; CARE; IDEX (International Development Exchange); Missionaries of Charity (formerly Co-Workers of Mother Teresa in America); OXFAM-America; and UNICEF (The United Nations Children's Fund).

Pledge cards and a report on last year's campaign have been mailed to faculty members and administrative staff. Pledge cards should be returned to the Department of Human Resources by February 15.

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faculty notes

honors

Joseph P. Bauer, associate dean, Law School, and professor of law, has been appointed to the committee on curriculum and research of the Association of American Law Schools.

John D. Dow, Freimann professor of physics, received a certificate of commendation from Governor Robert D. Orr for "leadership in strengthening the Indiana economy."

William Eagan, associate professor of management, was elected president of the Indiana Conference of the American Association of University Professors.

Christopher Fox, associate professor of English, has been elected president of the Midwest American Society for the 18th-Century Studies.

Douglas W. Kmiec, professor of law and director of the White Center on Law and Government, has received the Distinguished Service Award from the U.S. Department of Justice. In 1985 Prof. Kmiec took a leave of absence from Notre Dame to serve as deputy assistant attorney general in the Justice Department's Office of Legal Counsel. Before resigning his position last July, he testified before Congress, analyzed legislation, advised the White House on constitutional issues, and represented the United States in litigation.

Rev. Ernan McMullin, O'Hara professor of philosophy, has been reappointed to the editorial board of the Journal of Medicine and Philosophy for a three-year term.

Anthony N. Michel, chairman and Freimann professor of engineering, has been elected president-elect of the Circuits and Systems Society of the Institute of Electrical and Electronics Engineers (IEEE-CASS) for 1988. He will serve as president in 1989.

Leonard E. Munstermann, associate faculty fellow in biological sciences, has been elected a fellow of the Royal Entomological Society of London.

Morris Pollard, Coleman director of the Lobund Laboratory and professor emeritus of biological sciences, has been elected to the editorial board of In Vivo, the international journal of in vivo research.

James I. Taylor, acting dean, College of Engineering, professor of engineering, has been appointed to the national research council panel for peer review of applications for the University Transportation Centers Program.

activities

Bruce A. Bunker, associate professor of physics, gave an invited talk titled "EXAFS Studies of Semiconductors" at the 35th Midwest Solid State Conference held at the University of Notre Dame, Notre Dame, Ind., Oct. 20.

Rev. David Burrell, C.S.C., professor of philosophy, presented a paper titled "Speculative or Practical Reason: Emanation or Creation?" at the international symposium on "Neoplatonism and Jewish Thought" held at the University of Hawaii, Honolulu, Nov. 30.

Isabel Charles, associate provost and director of the foreign study programs, was a panelist on the subject, "Facing the Issues of the '90s" at the CASE District 5 Conference held in Chicago, Ill., Dec. 15.

Michael Chetcuti, assistant professor of chemistry, chaired an inorganic division session, "Metal-Metal Dimers and Heterobimetallics" at the 194th A.C.S. national meeting in New Orleans, La., Sept. 4. He also presented a paper titled "Inorganic and Organometallic Chemistry on NiMo and NiW Bonds" at the same meeting.

Xavier Creary, professor of chemistry, presented a talk titled "Super Leaving Groups" for the organic discussion group of the Cincinnati Local A.C.S. Section, in Cincinnati, Ohio, Dec. 9. He also presented a seminar titled "The Chemistry of α-Carbonyl, Phosphoryl, Sulfinyl and Sulfonyl Carbocations" for the department of chemistry, University of Cincinnati, Dec. 10.

William Eagan, associate professor of management, presented a paper, "Employee Rights and Management Perogatives: Where Lies the Public Interest?" at the American Business Law Association meeting held in Philadelphia, Pa., Aug. 19-22. He was a moderator at another session and was in charge of the care of new members at the same meeting. He also participated as a member of the professional ethics committee at the meeting of the National Council for the Social Studies, Dallas, Texas, Nov. 12.

Keith J. Egan, adjunct professor of theology and chairman of religious studies at Saint Mary's College, presented two lectures on "The Spirituality of Discipleship" at a symposium by the Diocese of Charlotte, N.C., Oct. 31. He also presided at the defense of a dissertation on Julian of Norwich, which he directed, at Marquette University, Milwaukee, Wis., Nov. 6. He gave three lectures on "Contemplative Silence" to the Spiritual Growth Community of the Diocese of Lafayette, Ind., held in Hartford City, Ind., Nov. 13-14.

Denis Goulet, O'Neill professor of Education for Justice, and in the Kellogg Institute, conducted a workshop, "Community Participation in Development Projects: Theory, Practice, and Methodology," for IDEX (International Development Exchange) at Bechtel International Center, Stanford University, Palo Alto, Calif., Dec. 4.

Stephen M. Hayes, associate librarian, presented "Federal Documents in '87 and Beyond" at the 80th annual meeting of the American Association of Law Libraries held in Chicago, Ill., in July. He also delivered "Future of the Depository Library Network--Reaction Panel" at the Midwest Federation of Library Association meeting held in Indianapolis, Ind., Nov. 4.

George S. Howard, chairman and associate professor of psychology, presented a paper titled "Can Human Behavior be Predicted and or Controlled?" to the department of psychology, Iowa State University, Ames, Nov. 30. He also presented a paper titled "The Hardening of a 'Soft' Science" to the department of counseling psychology at the University of Iowa, Iowa City, Dec. 1.

Louis Jordan, curator, Medieval Institute, delivered a lecture, "The Frescoes of Burg Karneid and the Triumph of Death in the Tirol during the Fourteenth Century," at the Institut fur Kunstgeschichte, Universitat Innsbruck, Austria, Nov. 18. He gave an invited lecture, "Notre Dame Ambrosiana Collection and the Cataloguing of Manuscripts from Microfilm," at the colloque "Recherche et Histoire des Textes: Filmotheques, Phototheques et Techniques nouvelles" organized by the Institut de Recherche et d'Histoire des Textes, CNRS, Paris, France, Nov. 23.

V. Paul Kenney, professor of physics, presented an invited paper, "Sci Fi Detectors for B-Particle Physics," at the workshop, "High-Sensitivity B Physics" at the Fermi National Accelerator Laboratory, Ill., Nov. 13.

Lawrence H.N. Lee, professor of aerospace and mechanical engineering, presented a paper titled "Wrinkling in Sheet Metal Forming" at the ASME winter annual meeting held in Boston, Mass., Dec. 15-18.

Ruey-wen Liu, professor of electrical engineering, delivered a plenary lecture, "Feedback System Design - An Algebraic Theory," at the opening ceremony of the 7th annual conference on Circuits and Systems at Shenzhen, China, Nov. 16-18. He also organized two special sessions on "Dynamics of Discrete Event Systems: Theory and Application" at the 26th IEEE Conference on Decision and Control, Los Angeles, Calif., Dec. 9-11.

George A. Lopez, associate professor of government and international studies and faculty fellow in the Institute for International Peace Studies, conducted a faculty workshop-retreat titled "Peace and Justice Education at the Catholic College" at Wheeling Jesuit College, Wheeling, W. Va., Aug. 24-25. He gave the keynote address at Graceland College's "Day of Peace" in Lamoni, Iowa, Oct. 15. He also consulted with faculty and administrators about the development of a peace studies program at Graceland. He chaired the screening committee of Social Science Research Council (SSRC) Fellowship Program for training and research in international peace and security at the SSRC offices in New York City, Dec. 1-2. Prof. Lopez served on the selection committee for the Independent Program of Research and Writing in International Peace and Security Studies of the MacArthur Foundation, Washington, D.C., Dec. 3-4.

Edward Manier, associate professor of philosophy and the Program for History and Philosophy of Science, presented "Reductionism as Rhetoric, Expository Strategies in the Development

of the Molecular Neurobiology of Behavior" at the annual meetings of the Society for Social Studies of Science, Worcester Polytechnic Institute, Worcester, Mass., Nov. 21, and again to the Sociology of Science Yearbook Conference, University of Colorado, Boulder, Nov. 24.

Mark J. McCready, assistant professor of chemical engineering, presented "Theoretical Description of Waves in Gas-Liquid Flows" (coauthored by K. Bruno) at the American Institute of Chemical Engineers meeting, New York City, Nov. 20. He gave a presentation titled "Waves in Gas-Liquid Flows" (coauthored by L. A. Jurman) at the fluid dynamics meeting of the American Physical Society, Eugene, Ore., Nov. 24.

Rev. Ernan McMullin, O'Hara professor of philosophy, responded to a paper by Josef Zycinski: "Ought We be Surprised by the Fit between Mathematics and the Physical World?" at the New York roundtable of the American Catholic Philosophical Association, New York City, Dec. 5.

Leonard E. Munstermann, associate faculty fellow in biological sciences, presented "Embryonic Diapause of Aedes triseriatus: Genetic Factors Associated with Major Linkage Groups" (coauthored by S. R. Sims) at the annual meetings of the Entomological Society of America, Boston, Mass., Dec. 2. He also presented an invited paper titled "Genetic Dimensions in the Systematics of Culicine Mosquitoes" at a symposium titled "Genetics and Molecular Biology" at the same meeting.

Dian Murray, assistant professor of history, gave two invited lectures at Hebei Teacher's College, Shijiazhuang, China: "The State of Qing Studies in the U.S.A.," Sept. 18, and "College Life in the U.S.A.," Sept. 19.

Walter Nicgorski, associate professor in the Program of Liberal Studies, was an invited participant in a seminar, "Thucydides on Human Nature and Freedom," at the offices of the Liberty Fund, Indianapolis, Ind., Nov. 19-20.

Walter Nugent, Tackes professor of history, delivered the annual Kenneth B. Keating Memorial Lecture in American History titled "American Population Changes in the Transatlantic Context, 1870-1914" at Tel Aviv University, Tel Aviv, Israel, Nov. 24. He also attended, as a member, the 99th meeting of the board of directors of the United States-Israel Educational Foundation in Tel Aviv., Dec. 3.

Morris Pollard, Coleman director of the Lobund Laboratory and professor emeritus of biological sciences, was an invited participant in the Focused Giving Conference sponsored by the Johnson & Johnson Company held in New Brunswick, N.J., Nov. 24.

Wolfgang Porod, associate professor of electrical and computer engineering, was an invited participant in the workshop on "Femtosecond Physics in Semiconductors" which was held in Phoenix, Ariz., Dec. 9-11.

Kenneth F. Ripple, professor of law, delivered the Robert A. Ainsworth, Jr. Lecture titled "The Article III Judiciary In Its Third Century" at Loyola University, New Orleans, La., Nov. 19.

Paul A. Rathburn, associate professor of English, gave an invited lecture on William Shakespeare's King Lear at the Forever Learning Institute of South Bend as part of the series "Portraits of Main Great Works of Western Literature" South Bend, Ind., Nov. 11.

Thomas J. Schlereth, professor of American Studies, gave the Curtis Lecture at the University of Delaware on the topic, "World's Expositions as Synchronic and Diachronic Indices in Material Culture Research," Newark, Del., Nov. 20.

Mihir Sen, associate professor of aerospace and mechanical engineering, presented an invited seminar titled "Some Characteristics of Unicellar Convection" to the department of mechanical engineering and applied mechanics at the University of Pennsylvania, Philadelphia, Dec. 2.

Andrew J. Sommese, professor of mathematics, gave the following talks in West Germany: "The Adjunction Mappings" at the Math Institute, University of Gottingen, Nov. 5; "The Adjunction Mapping for Singular Varieties" at the University of Essen, Nov. 16; "The Singular Adjunction Mapping" at the University of Heidelberg, Nov. 21; "The Adjunction Mapping for Singular Varieties" at H/H/Z Seminar Series, Max Planck Institute for Mathematik, Bonn, Dec. 3.

Charles K. Wilber, professor of economics, prepared (with Peter Berg) a paper, "Old Wine in New Bottles? The New Institutional Economics," for the conference on "What is Institutional Economics All About?" held in Cremona Farm, Md., in June. He also presented (with Laura Grimes) a paper, "The Moral Defense of Market Caitalism: A Critique of the Literature," at the Consultation on Biblical Perspectives on a Mixed Market Economy, Wheaton College, Wheaton, Ill., in Sept.

Kwang-tzu Yang, Hank professor of aerospace and mechanical engineering, chaired a technical session on materials processing heat transfer and presented a paper titled "Lubrication and Thermal Effects in Metal Processing" in the symposium, "Interdisciplinary Issues in Materials Processing and Manufacturing" at the annual winter meeting of the American Society of Mechanical Engineerings in Boston, Mass., Dec. 14-18.

documen-tation

faculty senate journal october 14, 1987

The Chair of the Faculty Senate, F. Ellen Weaver, announced that, before the formal opening of the senate meeting, the senate's Standing and Ad Hoc Committees would caucus to begin consideration of their work for the current year. She then read out the lists of committee assignments, which had been approved by the Executive Committee, and the committees dispersed to caucus severally.

Weaver formally called the meeting to order at 8:05 p.m., and Prof. Robert L. Kerby offered a prayer. Weaver noted that the minutes of the September meeting were not yet ready and would be sent out to members of the senate when they were ready.

Weaver then delivered the report of the Chair. She began by reading a letter of sympathy which she sent to Rev. William Beauchamp on behalf of the senate. She next reported on a meeting of the Academic Council. At that meeting, Rev. Edward Malloy had expressed thanks to the senate, among others, for cooperation at the time of his inauguration. He had expressed hope for greater rapport between the Academic Council and the senate, had invited open and informal communication, and had pledged continuing availability to faculty and students. Weaver noted that she had found the climate of the Academic Council meeting relaxed and open. She went on to report that the main business transacted at the council meeting was making changes in Regulation 12.2 of the Academic Code, which spells out requirements for the Freshman Year of Studies. These changes are recorded in the minutes of the Academic Council. Their primary effect will be to retain freshmen who have deficiencies in the Freshman Year of Studies until those deficiencies are removed and to require that such deficiencies be made up at Notre Dame, either in a summer session or during the third semester. Prof. Mario Borelli remarked that these changes seem to imply that a wider variety of summer courses will have to be offered and that the burden of doing this will fall on different departments.

Weaver concluded her report by announcing that Rev. Ernest Bartell had sent the third draft of "A Policy Statement on Higher Education by the Priests of Holy Cross, Indiana Province" to the senate. Acknowledging that he had received comments on earlier drafts from individual members of the senate, Bartell had requested comment on this draft from the senate as a whole. Weaver reported that the Executive Committee had decided to refer the draft to the standing committees of the senate for review and to request that they come up with draft statements which could be combined by the Executive Committee and then brought to the full senate for discussion and possible adoption.

The next item of business was preliminary reports from standing and ad hoc committees.

Prof. John H. Yoder reported on behalf of the Administration Committee. The committee will continue discussion of faculty participation in University governance, using as a starting point the document "Faculty Participation in Governance at the University of Notre Dame," which was the result of its deliberations on this question last spring.

Yoder mentioned that this document had been discussed last spring by the Academic and Faculty Affairs Committee of the Board of Trustees; that committee had found the document helpful but had taken no action on it. The change in the picture this year is that the senate's Ad Hoc Committee on University Governance will be investigating ways in which governance systems work here and elsewhere. Borelli added that the Academic and Faculty Affairs Committee of the Board of Trustees will be discussing the issue of faculty participation in governance again at its next meeting; it is his impression that the new chair of that committee will be very receptive to faculty input. Yoder noted that this committee is another part of the governance picture but remarked that it is a thin channel of communication because it seldom meets.

Prof. Dennis Moran reported on behalf of the Academic Affairs Committee. It is already concerned with two grievances. The general question it proposes to consider is whether there is any uniformity, department by department or college by college, in the standards employed by Appointments and Promotions Committees.

Prof. Patrick E. Murphy reported on behalf of the Student Affairs Committee. It has two items of continuing business. One is to follow up on the question of the design of the proposed new classroom building and to find out whether there is room for formal input from the senate, and the other is to study ways in which the committee and the senate can facilitate faculty-student interaction outside the classroom. It also has two items of new business. One involves the Alcohol Task Force, and the other involves a grant the Counselling Center has for alcohol education on campus. The committee will discuss its role in both these projects, and it already has members involved in both of them.

Borelli reported on behalf of the Benefits Committee. He announced that the committee plans an open meeting of the senate with the Director of Personnel, possibly as early as December. In cooperation with the Office of Personnel, the committee plans to do four things. First, it will take a new look at the current status of and policies governing benefits to retirees. Second, it will try to get a clear description of so-called "cafeteria-style" benefits plans. Third, it will investigate the possibility of extending the present faculty children in-house tuition for undergraduate education benefit to faculty spouses. And, fourth, a subcommittee will look at both the skyrocketing costs and the confusing claim reporting system of Blue Cross/Blue Shield.

Speaking on behalf of the Ad Hoc Committee on the 20th Anniversary Celebration, Prof. Paul Conway reported its thoughts about possible activities to celebrate the anniversary. Prominent among them are the following: 1) gathering and disseminating information about the history of the senate; 2) publicizing the senate and its activities in various media, which might promote faculty interest in serving in the senate; and 3) sponsoring a social event, a reception or dinner, for all those who have served in the senate. Conway requested that members of the senate transmit to the committee their ideas about appropriate activities to mark the anniversary. The Chair, F. Ellen Weaver, renewed the call for volunteers to work on implementing the committee's ideas. Borelli suggested asking the four colleges and central administration to share the costs of a social event such as a dinner. Weaver remarked that a list of all those who have served in the senate and of the projects it has undertaken is currently being prepared.

Under new business, Prof. Panos Antsaklis raised the question of whether the senate should look into the faculty parking situation. Borelli urged caution on this topic, suggesting that a consequence of making an issue of it might be a mandatory parking fee for faculty. Conway suggested that the senate might investigate planning for future faculty parking

needs. Antsaklis stated that it seems that each year the parking situation gets worse. Weaver brought the discussion to a conclusion by referring the matter to the Faculty Affairs Committee for study.

Also under new business, Borelli brought to the attention of the senate a recent incident in which O'Shaughnessy was fumigated during normal working hours without advance notice to those who work there, thereby causing some people to become ill and disrupting their work. Prof. Philip Quinn suggested that Borelli might wish to propose a resolution deploring the disruption and urging that advance notice of such activities be given in the future if they cannot be carried on outside normal working hours, and Borelli agreed to consider this course of action.

Prof. Frank Bonello moved and Prof. Jean Pec seconded a vote of thanks to F. Ellen Weaver, the Chair, for her remarks on behalf of the senate at the inaugural of President Malloy. The motion was adopted by a unanimous voice vote.

Borelli moved and Pec seconded adjournment. The meeting adjourned at 8:47 p.m.

Members present: Panos Antsaklis, electrical engineering; Frank J. Bonello, economics; Mario Borelli, mathematics; Paul F. Bosco, emeritus; Dino S. Cervigni, modern and classical languages; Austin Collins, C.S.C., art and art history; Paul F. Conway, finance and business; JoAnn DellaNeva, modern and classical languages; Michael J. Etzel, marketing; William M. Fairley, earth sciences; Pamela F. Falkenberg, communication and theatre; Stephen M. Fallon, program of liberal studies; Richard W. Fessenden, chemistry; Mohamed Gad-el-Hak, aerospace and mechanical engineering; Eugene F. Gorski, C.S.C., theology; Robert G. Hayes, chemistry; Mark A. Herro, electrical engineering; Suzanne Kelly, Institute for Pastoral and Social Ministry; Robert L. Kerby, history; Alan Krieger, library; Dennis Moran, Review of Politics; Michael H. Morris, accountancy; Patrick E. Murphy, marketing; Jean A. Pec, library; Ray M. Powell, accountancy; F. Clark Power, program of liberal studies; Walter Pratt, law; Philip L. Quinn, philosophy; Karamjit S. Rai, biological sciences; J. Keith Rigby, Jr., earth sciences; John D. Rohrbough, naval science; William D. Shephard, physics; F. Ellen Weaver, theology; John H. Yoder, theology.

Members absent: Jay P. Dolan, history; Kent Emery, program of liberal studies; John A. Halloran, finance and business; Sandra J. Harmatiuk, freshman year of studies; Yih-Fang Huang, electrical engineering; George Kolettis, mathematics; James A. McCarthy, emeritus; Maria Olivera-Williams, modern and classical languages; Howard J. Saz, biological sciences; Anthony M. Trozzolo, chemistry; Robert A. Vacca, modern and classical languages.

On leave: Steven M. Bell, modern and classical languages; Andre Goddu, program of liberal studies; Donald E. Sporleder, architecture.

Respectfully submitted,

Philip L. Quinn
Co-Secretary

advanced studies

current publications and other scholarly works

Current publications should be mailed to the Division of Sponsored Programs, Room 314, Administration Building

COLLEGE OF ARTS AND LETTERS

American Studies

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Anthropology

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Stam, Carl L.
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Theology

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