



Notre Dame

R E P O R T

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1991-92

The University

Opening Mass

The Mass to inaugurate the Sesquicentennial Celebration as well as formally open the 1991-92 academic year will be held Sunday, September 15, at 5 p.m. in the arena of the Joyce Athletic and Convocation Center.

Following the Mass, the celebration will continue with a picnic supper for all, set up east of the J.A.C.C. This gala party will include live entertainment, games of chance, rides for young children, and will be climaxed by a fireworks display around 8 p.m.

De Rance Establishes Endowment for Center for Philosophy of Religion

The University has received a \$1 million gift from the De Rance Foundation of Wauwatosa, Wis., to establish the first endowment in support of the Center for Philosophy of Religion.

Established in 1976, the Center for Philosophy of Religion promotes scholarly work in Christian philosophy and the philosophy of religion and is recognized as the world's premiere institution in the field. In addition to providing fellowships for scholars visiting Notre Dame, the center also sponsors lectures and conferences on such topics as the rationality of belief in God and the problem of evil.

De Rance, Inc. was incorporated in Wisconsin in 1946 as a private foundation to assist the charitable, religious and educational activities of the Catholic Church. While it maintains its abiding interest in the contemplative orders of the church, since the mid 1980s the foundation has focused its concerns on the religious and intellectual life of lay people, missionary work in Latin America and Eastern Europe, and support for Catholic Indian missions and for people of color and other minorities in southeastern Wisconsin's central-city neighborhoods.

Borkowski Named McKenna Chair in Psychology

John G. Borkowski, professor of psychology, has been named the first occupant of the Andrew J. McKenna Chair in Psychology.

Borkowski, a member of the Notre Dame faculty since 1967 and chairman of Department of Psychology for six years, conducts research in the development processes of learning and memory across the human lifespan. He has done research in these areas with the general populace as well as will retarded, learning disabled, gifted and aged people. In addition he is interested in developing ways by which research in cognitive psychology can be translated into education, particularly in the elementary school classroom.

His most recent research, supported by the National Institutes of Health, centers on understanding the consequences of teenage parenting on the development of both the mother and child. Borkowski has published more than a hundred research papers and chapters in various professional journals. He has served on the editorial staff of several professional journals, including the *American Journal of Mental Deficiency*, *Developmental Psychology* and *Human Learning and Individual Differences*.

Prior to his arrival at Notre Dame, Borkowski was an assistant professor of psychology at Oberlin College. He received his bachelor's degree from St. Benedict's College in Atchison, Kans., his master's degree in psychology from Ohio University and doctorate in psychology from the University of Iowa.

The Andrew J. McKenna Chair in Psychology is the gift of Notre Dame alumnus and vice chairman of the Board of Trustees Andrew J. McKenna and his wife Joan. McKenna is president and chief executive officer of Schwarz Paper Company, a national distributor of paper packaging and allied products and also a printer and converter of paper products. Headquartered in Morton Grove, Ill., the company has major facilities there and in Niles, Ill., Santa Fe Springs, Calif., LaPorte, Ind., Dallas and Milwaukee. McKenna joined the firm in 1955 and has been the president since 1964. He also is chairman of Group II Communications, a Franklin, Wis., based sales promotion agency.

McKenna was graduated from Notre Dame in 1951 with a bachelor of science degree in business administration and marketing and has been a trustee of the University since 1980. He also is a Fellow of the University and in 1989 was awarded an honorary doctor of laws degree.

Faculty Notes

Appointments

Anthony K. Hyder, a 1962 graduate of the University of Notre Dame, has been appointed associate vice president for research in the Graduate School. He will evaluate current staffing and procedures in the Research Division, identify funding opportunities and look for strategies to enhance research at Notre Dame. Hyder returns to Notre Dame after 29 years of research and teaching. He most recently was associate vice president for research and associate professor of physics and aerospace engineering at Auburn University. In addition to his teaching duties, he directed contract and grant development, the Center for Advanced Technologies, the Space-Grant College Program and the Space Power Institute. After earning a bachelor's degree in physics from Notre Dame, Hyder received his master's and doctorate from the Air Force Institute of Technology. He has served on several advisory panels and has written and edited numerous papers, reports and books.

Honors

Katharina J. Blackstead, associate librarian, has been appointed chairperson of the Steering Committee of the Library Administration and Management Association's Public Relations Management Discussion Group.

Malcon J. Fraser Jr., associate professor of biological sciences, was appointed to the American Type Culture Collection Advisory Committee of the American Society for Virology, 1991-92.

Edward A. Kline, professor of English and O'Malley director of the Freshman Writing Program, served as regional judge for the National Council of Teachers of English Essay Contest for high school juniors in spring 1991.

George A. Lopez, associate professor of government and international studies and faculty fellow in the Kroc Institute for International Peace Studies, has been named by the board of directors of the Educational Foundation for Nuclear Science to serve a two-year term on the editorial board of *The Bulletin of the Atomic Scientists*.

Howard J. Saz, professor of biological sciences, has been appointed to the study section of the National Institutes of Health that reviews grant applications in the field of tropical medicine and parasitology. Study section members are selected on the basis of demonstrated achievement in their disciplines as evidenced by the quality of research accomplishments, publications in scientific journals and other activities.

William L. Wilkie, Nathe professor of marketing, served as a judge in the national Doctoral Dissertation Award competition of the Marketing Science Institute in Cambridge, Mass. He was named to the General Advisory Board of the *International Business Press*, publisher of academic journals and book series.

Activities

Joseph P. Amar, assistant professor of classical and Oriental languages and literatures, presented the invited paper "A Mimra on Urhay (Edessa) Attributed to Ephrem the Syrian" at the Syriac Studies Symposium at Brown University in Providence, R.I., June 26-30.

Marijan Babic, assistant professor of civil engineering and geological sciences, presented a paper titled "Two-Dimensional Channel Flow of a Fluid-Solid Mixture" at the international symposium on Multiphase Flows held in conjunction with the 22nd annual meeting of the Fine Particle Society in San Jose, Calif., July 31. He presented the paper titled "Particle Clustering: An Instability of Rapid Granular Flows" at the second U.S.-Japan Seminar on Micromechanics of Granular Materials in Potsdam, N.Y., Aug. 8.

William B. Berry, associate chairman and professor of electrical engineering, conducted a technical program review of the Cold Weather Research Program at Electro-Com Automation, L.P. in Arlington, Tex., July 18. Berry and John W. Lucey, associate professor of aerospace and mechanical engineering, participated in the U.S. Department of Energy University City Science Center review meeting for the nation's Energy Analysis and Diagnostic Centers held in Washington, D.C., July 22-24. Berry presented the paper "Energy Conservation Incentives by Utilities in the Northern-MidEast" at that meeting.

Richard G. Carlton, assistant professor of biological sciences, presented a paper titled "Comparative Oxygen Dynamics in Marine and Freshwater Sediments" at the annual meeting of the American Society for Limnology and Oceanography in Halifax, Nova Scotia, June 8-14.

Hsueh-Chia Chang, chairman and professor of chemical engineering, presented a talk titled "Bifurcation of a Torus from a Delayed Feedback System" at the Institute of Control Science at the U.S.S.R. Academy of Science in Moscow, July 5. He presented a paper titled "Transport of Gas Slugs under Microgravity Conditions" at the symposium on Hydrodynamics and Heat/Mass Transfer in Microgravity at Perm, U.S.S.R., July 11. He presented the same seminar at the Institute of Problems in Mechanics, U.S.S.R. Academy of Science, in Moscow, July 16. Chang delivered an invited talk titled "Heat Transfer Enhancement by Chaotic Mixing" at the Argonne National Laboratory in Argonne, Ill., July 23.

Faculty Notes

George B. Craig Jr., Clark professor of biological sciences, presented a paper titled "Loss of Photoperiod-induced Diapause as *Aedes albopictus* Spreads Southward" at the annual meeting of the Florida Mosquito Control Association in Clearwater, Fla., April 27-30. He gave the keynote address "Rapid Evolution in *Aedes albopictus* in the U.S.A." at the annual meeting of the Michigan Entomological Society in Traverse City, Mich., May 30-June 1.

Peter Diffley, assistant dean in the Graduate School and assistant professor of biological sciences, presented a paper titled "Macrophase Membrane Proteins that Bind the Variant Surface Glycoproteins of African Trypanosomes" at the 66th annual meeting of the American Society of Parasitologists in Madison, Wis., Aug. 4-8. He chaired a session on pathology and pathogenesis at that meeting and was chosen to chair the student travel grant committee. Fifteen awards were presented at that meeting.

Patrick F. Dunn, associate professor of aerospace and mechanical engineering, presented papers titled "Low Velocity Impact Theory with Application to the Electrostatic Dispersion of Micrometer-Size Spheres" co-authored with Raymond M. Brach, associate professor of aerospace and mechanical engineering, and "Micrometer-Size Droplet Interaction in the Mixing Region Between Two Electrohydrodynamic Sprays" co-authored with S. Snarski at the JSME/ASME Fluids Engineering Conference in Portland, Oreg., June 24-27. He presented the paper titled "Droplet Diameter, Flux and Total Current Measurements in an Electrohydrodynamic Spray" co-authored with S. Snarski at the fifth international conference on Liquid Atomization and Spray Systems at the National Institute of Standards and Technology in Gaithersburg, Md., July 15-18.

Richard W. Fessenden, professor of chemistry and associate director of the Radiation Laboratory, presented the invited seminars "Time-Resolved ESR of Radicals from Aromatic Carboxylic Acids" to the Department of Chemistry at Kyoto University in Kyoto, Japan, July 10, and to the Department of Applied Physics and Chemistry at Fukui Institute of Technology in Fukui, Japan, July 12. He presented "Time-Resolved ESR and Microwave Conductivity Studies of Transient Species in the Condensed Phase" to the Department of Chemistry at the Tokyo Institute of Technology in Tokyo, Japan, July 22. He gave the seminar "Time-Resolved ESR of Radicals in Laser Photolysis" to the Department of Nuclear Engineering at the University of Tokyo in Tokyo, Japan, July 23.

Rev. James Flanigan, C.S.C., associate professor of art, art history and design, has been awarded an individual artist grant in the Masters category from the Indiana Arts Commission to support his work in sculpture and drawing from August 1, 1991, until August 1, 1992.

J. Massyngbaerde Ford, professor of theology, presented the paper "Jesus as Monarch in the Gospel of John" at the congreso internacional sobre la interpretación socio-histórica de Nueva Testamento in Medina, Spain, May 5-8. She gave the homily "Trinitarian Friendship" at St. Peter's Church in East Bridgeford, Notton, England, May 26.

Malcolm J. Fraser Jr., associate professor of biological sciences, organized the eighth international conference on Invertebrate and Fish Tissue Culture and chaired a symposium on Research Trends in Invertebrate and Fish Tissue Culture in Anaheim, Calif., June 15. He served on the organizing committee for the 1991 world congress on Cell and Tissue Culture in Anaheim, Calif., June 16-20. He co-chaired Session-in-Depth on Invertebrate Cells and Tissues in Biotechnology at that congress, June 19.

Mohamed Gad-el-Hak, professor of aerospace and mechanical engineering, delivered a lecture titled "Flow Control: Application for Aviation" at the Lewis Research Academy at NASA-Lewis in Cleveland, Ohio, Aug. 5. He received a fellowship from Institut National Polytechnique de Grenoble, a fellowship from Centre National de la Recherche Scientifique (the French NSF) and a travel grant from Bourses de Recherche Scientifique et Technique de 'OTAN (NATO). He will be on a sabbatical leave at Institut de Mécanique de Grenoble, France, during the 1991-92 academic year.

Cristina Giannantonio, assistant professor of management, presented "Effects of Recruiter Friendliness on Applicant Inferences" co-authored with Sonia M. Goltz, assistant professor of management, at the Association of Management 1991 Conference in Atlantic City, N.J., Aug. 8.

Frederick W. Goetz, professor of biological sciences, presented a plenary talk "The Role of Signal Transduction in Fish Reproduction" at the fourth international symposium on Reproductive Physiology of Fish in Norwich, England, July 6-13.

Sonia M. Goltz, assistant professor of management, presented "A Field Study of Key Performance-Related Exchanges Between Leaders and Subordinates" at the Association of Management 1991 Conference in Atlantic City, N.J., Aug. 7.

Denis A. Goulet, O'Neill professor in education for justice, delivered a lecture and conducted a workshop on "Development Indicators: Research Tasks" to Centre Lebrét, Paris, France, July 11.

Faculty Notes

Kimberly A. Gray, assistant professor of civil engineering and geological sciences, presented "Photocatalyzed Degradation of Adsorbed Degradation Compounds on Semiconductor Surfaces" with M. Dieckmann and Prashant V. Kamat, associate professional specialist in the Radiation Laboratory, at the second international conference on Waste Management in the Chemical and Petrochemical Industries in New Orleans, La., June 17-20. She gave an invited seminar "Inorganic and Organic Polymeric Coagulants: Theory and Application" hosted by the Association of Environmental Engineering Professor at the annual meeting of the American Water Works Association in Philadelphia, Pa., June 24.

Christopher Hamlin, associate professor of history, gave the invited address "On the Possibility and Scope of Future Water Crisis: Why Good Science and Good Technology are not Enough" at the international seminar Progetto Acqua in Naples, Italy, June 28.

Rev. Theodore M. Hesburgh, C.S.C., president emeritus and professor emeritus of theology, testified at a hearing of the House Education and Labor Committee's subcommittee on postsecondary education at Notre Dame, Ind., July 26. The subcommittee is conducting hearings on reauthorization of the Higher Education Act of 1965, which will expire during this session of Congress. The field hearing at Notre Dame is one of 44 sessions to be conducted by the subcommittee before the new Higher Education Act is written this fall.

Nai-Chien Huang, professor of aerospace and mechanical engineering, presented a paper titled "Finite Element Simulation of Hydraulic Fracturing in Porous Medium" and co-chaired a session on "Structural Dynamics Applications in Soil and Structures" at the first U.S. National Congress on Computational Mechanics in Chicago, Ill., July 22-24.

Roger F. Jacobs, director of the Kresge Law Library, presented "Micrographics and CD-ROM" at the annual meeting of the American Association of Law Libraries in New Orleans, La., July 19-25. He was a participant in a planning workshop aimed at developing a program to recruit and train the next generation of foreign or international law librarians.

Lloyd H. Ketchum Jr., associate professor of civil engineering and geological sciences, delivered the talk "Elkhart, Indiana's Wellhead Protection Site Inventory with Retired Volunteers" at the HMC-Northeast '91 Conference held in Boston, Mass., July 10-12.

Rev. Robert A. Krieg, C.S.C., associate professor of theology, presented the paper "Romano Guardini: A Catholic Faces Nazism" at the 15th annual symposium of the Society for German-American Studies at Georgetown University in Washington, D.C., April 27.

Charles F. Kulpa, associate professor of biological sciences, presented an invited talk titled "Biodegradation of 2,4,6-Trinitrotoluene (TNT) by a Microbial Consortium" at the Air, Water and Waste Management Association meeting in Vancouver, British Columbia, June 20. He presented a seminar titled "Biodegradation of TNT and Related Compounds" at Oregon State University in Corvallis, Oreg., June 25.

Gilbert D. Loescher, professor of government and international studies, gave the keynote address introducing the ITV series "The Dispossessed" at the annual general meeting of the International Broadcasting Trust Church House Conference Centre at Westminster Abbey in London, England, June 6. He presented an address titled "Security Implications of International Migration" at a general meeting of the Royal Institute for International Affairs in London, England, July 9.

George A. Lopez, associate professor of government and international studies and faculty fellow in the Kroc Institute for International Studies, taught a seminar on "Internationalizing the Campus and the Curriculum" and served as a staff member for the Lilly Endowment's annual workshop on the Liberal Arts held at Colorado College in Colorado Springs, Colo., June 15-29.

Edward Manier, professor of philosophy, organized a six-member panel of neuroscientists, philosophers and sociologists to discuss "Current Issues in the Neurosciences" at the meetings of the International Society for the History, Philosophy, and Social Studies of Biology held at Northwestern University in Evanston, Ill., July 11-14. He presented "Biological, Computational and Comic Perspectives on the Brain" at that symposium.

Rev. Richard A. McCormick, S.J., O'Brien professor of Christian Ethics, delivered the commencement address and received an honorary degree from Catholic Theological Union in Chicago, Ill., June 6.

Kathy A. Psomiades, assistant professor of English, presented the paper "Feminization and the Literary Marketplace" at Dickens Project Conference on Victorian Publishing and the Circulation of Books in Santa Cruz, Calif., Aug. 10.

Terrence W. Rettig, associate professor of physics, was a panelist for discussions on the "Future Goals of the National Science Foundations Research Experiences for Undergraduate Program (REU) in Physics" in Washington, D.C., April 21. He presented a paper titled "Resonance Fluorescence Excitation of the CN B-X (0,0) and (0,1) P and R Branches in Comet Halley" and co-authored a poster paper titled "Spectroscopic Observations of Comet Austin (1989c)" at the 1991 international meeting for Comets, Asteroids and Meteors in Flagstaff, Ariz., June 24-28. He presented the papers

Faculty Notes

"Parent Molecular Scalelengths Inferred from the Observed Surface Brightness Distributions of C₂, C₃, NH₂, CH, CN, and [OI]" and "Spatial Distributions of Coma Gases in Three Comets" at that meeting.

James H. Seckinger, director of the National Institute for Trial Advocacy and professor of law, is serving as a consultant to the Australia Law Council for developing a National Advocacy Training Organization and to the New Zealand Law Society for Advocacy Training. He gave a presentation on NITA Teaching Techniques for the NITA Advanced Program and the NITA National Session at the University of Colorado School of Law in Boulder, Colo., July 5-6.

Robert H. Schuler, Zahm professor of radiation chemistry and director of the Radiation Laboratory, presented the paper "Time-Resolved Raman Spectroscopy of Free Radicals in Solution" at the 21st international symposium on Free Radicals in Williamstown, Mass., Aug. 5-9.

Dennis M. Snow, associate professor of mathematics, delivered a lecture on "Dual Varieties of Homogeneous Spaces" at the summer meeting of the Clavius Group at Fairfield University in Fairfield, Conn., July 13-20.

Rev. Francis S. Tebbe, O.F.M., associate professional specialist and associate director of the Institute for Pastoral and Social Ministry, was a member of the teaching faculty in the Institute for Liturgical Consultants at Catholic Theological Union in Chicago, Ill., July 25. His presentations included "The Learning Process," "Growing in Faith" and "An Adult Methodology for Today."

J. Kerry Thomas, Nieuwland professor of chemistry, presented the invited talk "Trapping of Electrons in Organized Clusters" at the ninth international congress of Radiation Research in Toronto, Canada, July 7-12. He organized and chaired the symposium "Radiation Chemistry in Microheterogeneous Media" at that meeting.

G.N.R. Tripathi, professional specialist in the Radiation Laboratory, presented the paper "Resonance Raman Spectra and Reaction Dynamics of Anisole and Para Methyl-Anisole Radical Cations in Aqueous Medium" at the 21st international symposium on Free Radicals in Williamstown, Mass., Aug. 5-9.

Anthony M. Trozzolo, Huisking professor of chemistry and biochemistry, served as session chairman at the Gordon Research Conference on Organic Photochemistry at the Proctor Academy in Andover, N.H., July 15-19.

Arvind Varma, Schmitt professor of chemical engineering, presented an invited seminar titled "Optimal Distribution of Silver Catalyst in Pellets for Epoxidation of Ethylene" at the Union Carbide Corporation Technical Center in South Charleston, W. Va., July 15.

Joannes J. Westerink, assistant professor of civil engineering and geological sciences, presented the paper titled "Development and Application of a Three Dimensional Circulation Model Using a Direct Stress Solution Over the Vertical" co-authored with R.A. Luetlich and S. Hu at the 25th annual congress of the Canadian Meteorological and Oceanographic Society in Winnipeg, Canada, June 3-7. He gave the paper titled "Tidal Circulation Computations for the Western Atlantic Shelf and Gulf of Mexico" co-authored with R.A. Luetlich, A.M. Baptista and N.W. Scheffner, and the paper "Lid Driven Cavity Flow Computations Using Filtered Navier Stokes Equations" co-authored with M.E. Cantekin and R.A. Luetlich at the first U.S. national congress on Computational Mechanics in Chicago, Ill., July 21-24.

William L. Wilkie, Nathe professor of marketing, served as chairman of the session "Consumer Theory Applied to Socially Important Problems" at the winter educators conference of the American Marketing Association in Orlando, Fla., Feb. 21. He served as both co-chairman with Patrick Murphy, chairman and professor of marketing, and speaker at a day-long invited advisory meeting with the five commissioners of the Federal Trade Commission in Washington, D.C., April 2. The meeting, which included presentations by academics from 10 universities, was organized to advise the FTC of current developments and potential research contributions from the academic field of marketing, and was an outcome of the appearance of a 1990 book from Notre Dame Press, edited by Murphy and Wilkie. Wilkie served as chairman of the session "Guidelines for Identifying Deceptiveness in Advertising" at the National Advertising Division's Workshop on Claims Substantiation in New York, N.Y., April 29.

Eduardo E. Wolf, professor of chemical engineering, presented an invited paper titled "Transient Isotopic Studies During Methane Oxidative Coupling on Sr/La₂O₃" at the third European workshop on Methane Conversion in Lyon, France, May 27-29. He presented a seminar titled "The Macro and Micro Structure of Supported Catalysts Studied by IR Thermography and Scanning Tunneling Microscopy" at the Departamento De Ingenieria Quimica at the Universidad De Zaragoza in Zaragoza, Spain, May 31.

Warren J. Wong, professor of mathematics, presented the invited lecture "p-groups of Class 2, Bilinear and Quadratic Maps on Vector Spaces and Tensor Products of Fields" at a symposium on Group Representations and Algebraic Groups at the University of Warwick in Coventry, England, July 11.

John H. Yoder, professor of theology, gave the lectures "Theological Critique of Violence: I: Reflex and Redemption" and "II: Redefining Terms" at the annual Niebuhr conference on Church and Society at Elmhurst College in Elmhurst, Ill., July 29-30.

Administrators' Notes

Appointments

Kathleen W. Anthony, C.P.A., has been named director of University audits. A native of Bloomfield Hills, Mich., She has been a manager for more than five years in the Dallas, Tex., office of the "Big 6" accounting firm Deloitte & Touche, where she has been involved in all aspects of the accounting process. She also is a founding partner and has served as treasurer of Anthony Travel, Inc. She was graduated from Notre Dame with a B.B.A. in Accountancy in 1985. She will replace Louis J. Cohen, who will serve as a consultant to the director until January 1992, when he will retire from the University after 27 years.

Catherine M. Bridge has been appointed assistant director of residence life. Bridge, most recently the director of an 800-student residence hall at the University of Washington, will assist with disciplinary cases, staff training and development efforts. She received her bachelor's degree from Loras College in Dubuque, Iowa, and master's degree from Colorado State University.

William W. Kirk has been appointed assistant vice president for residence life. He will supervise the offices of residence life/judicial affairs, security and student residences. He received his undergraduate degree in accounting from Notre Dame in 1984 and a law degree in 1991. He worked for four years at Price Waterhouse. Kirk served as assistant rector of Sorin Hall and rector of Holy Cross and Stanford Halls and was a member of the Campus Life Council and the Faculty Board in Control of Athletics.

Elizabeth A. Pawlicki has been named director of residence life. She has served as assistant, associate and acting director of residence life since 1987. Her responsibilities as director include oversight of the student judicial system and hall staff training. Pawlicki, who earned bachelor's and master's degrees from West Virginia University, has 10 years of experience in university housing programs, including positions at West Virginia and North Carolina State University.

Kevin F. Warren has been appointed assistant vice president for student affairs. His responsibilities include supervision of the offices of minority student affairs and alcohol and drug education and he will oversee concerns of off-campus students. He completed his undergraduate studies at Grand Canyon University in Phoenix, earned his master's of business administration degree from Arizona State University in 1987 and his law degree from Notre Dame in 1990. For the past year, he has worked for a Kansas City law firm specializing in NCAA investigations.

Honors

Rex J. Rakow, director of Security/Police, was elected to the office of vice president and member of the executive board of the International Association of Campus Law Enforcement. He will serve this year as vice president, next year as president elect, and in 1993-94 as president of the association. This organization represents over 1,000 members of campus law enforcement agencies and seeks to develop, promote and support a common interest in professional campus law enforcement programs to serve the objectives of higher education.

Activities

JoAnne Bunnage, counselor in Academic Services for Student-Athletes, gave a presentation "Student-Athlete Orientation Courses, an Action Oriented Approach" at the International First Year Experience Conference in Cambridge, England, July 22-26. She co-authored an article in the Spring 1991 issue of *Academic Athletic Journal* titled "Transfer Student-Athletes: Prominent But Vulnerable."

Joseph A. Russo, director of financial aid, testified at a hearing of the House Education and Labor Committee's subcommittee on postsecondary education at Notre Dame, Ind., July 26. The subcommittee is conducting hearings on reauthorization of the Higher Education Act of 1965, which will expire during this session of Congress. The field hearing at Notre Dame is one of 44 sessions to be conducted by the subcommittee before the new Higher Education Act is written this fall.

Documentation

Publication Schedule for *Notre Dame Report* Volume 21 — 1991-92

Number	Copy Deadline	Publication Date
1	August 14, 1991	August 30, 1991
2	August 28, 1991	September 13, 1991
3	September 11, 1991	September 27, 1991
4	October 2, 1991	October 18, 1991
5	October 16, 1991	November 1, 1991
6	October 30, 1991	November 15, 1991
7	November 13, 1991	November 27, 1991
8	November 27, 1991	December 13, 1991
9	January 2, 1992	January 17, 1992
10	January 15, 1992	January 31, 1992
11	January 29, 1992	February 14, 1992
12	February 12, 1992	February 28, 1992
13	March 4, 1992	March 20, 1992
14	March 18, 1992	April 3, 1992
15	April 1, 1992	April 16, 1992
16	April 15, 1992	May 1, 1992
17	April 29, 1992	May 15, 1992
18	May 20, 1992	June 12, 1992
19	June 24, 1992	July 10, 1992
20	July 15, 1992	July 31, 1992
Index		August 14, 1992
Vol. 22 #1	August 12, 1992	August 28, 1992

Notre Dame Report Submission Information

Faculty Members (all classes: teaching research faculty, special professional faculty, and librarians and special research faculty) may submit information to be printed in *Notre Dame Report* to the Research Division of the Graduate School, 312 Main Building. Standardized cards are to be used for submissions of Faculty Notes and Current Publications and Other Scholarly Works. These cards are available by contacting the Research Division of the Graduate School (239-7432).

Faculty Notes:

Appointments include only those University appointments such as deans, department heads, heads of committees, public relations and development professionals and advisory council members. This does not include appointments to faculty positions.

Honors is comprised of non-University appointments in one's field and outright honors. It does not include fellowships, grants, etc. Any grants not published in the Awards Received section of the *Report* should be noted in Activities.

Activities must be of a professional and public nature (such as invited lectures and papers read) and should be related to one's work at the University. Lectures given on campus are only acceptable if they are of a special nature and/or if they are presented to a broader audience than the Notre Dame community. Merely attending a meeting is unacceptable. Information required for each activity submitted includes: name, rank, title of presentation, title of meeting, place and date. No activities are printed ahead of the date, only after the fact. Activities will not be printed over six months out of date.

Current Publications and Other Scholarly Works:

Submissions of current publications are due on the Friday prior to the copy deadlines stated on this page.

Administrators' Notes:

Items are accepted from **Administrative Staff** and follow the same guidelines as Faculty Notes. Standardized cards are available by contacting *Notre Dame Report* (239-5337). Submissions should be sent to 415 Main Building.

Minutes of Meetings:

The only meeting minutes printed in the Documentation section are from the Graduate Council, Academic Council, Faculty Senate, University Committee on Libraries, Committee on Research and Sponsored Programs, and Faculty Board of Athletics. These minutes should be sent to 415 Main Building.

Documentation

Official University of Notre Dame and Saint Mary's College Joint Academic Year Calendar for 1992-93

Fall 1992 Semester

August 21 Friday
Orientation, Enrollment and Registration for New Upper
Class and Graduate Students

August 21-23 Friday-Sunday
Orientation and Counseling for Freshmen

August 24 Monday
Enrollment for all Continuing Students and Freshmen

August 25 Tuesday
Classes begin at 8 a.m.

September 2 Wednesday
Last date for all class changes

September 13 Sunday
Mass. Formal Opening of school year at Notre Dame

October 14 Wednesday
Mid-semester Deficiency Reports due in Registrar's Office

October 17-25 Saturday-Sunday
Mid-semester Break

October 26 Monday
Classes resume at 8 a.m.

October 30 Friday
Last day for course discontinuance at Notre Dame

November 9-24 Monday-Tuesday
Registration for Spring Semester 1993

November 26-29 Thursday-Sunday
Thanksgiving holiday
*(Wednesday, November 25 is a holiday at
Saint Mary's College)*

November 30 Monday
Classes resume at 8 a.m.

December 11 Friday
Last Class Day

December 12-13 Saturday-Sunday
Study Days (no examinations)

December 14-18 Monday-Friday
Final Examinations

December 22 Friday
Absolute deadline for delivery of all grades to Registrar

CLASS MEETINGS

MWF	43	MTuF	43
MW	29	MThF	42
MF	28	TT	29
MTuW	44	TWT	44
MTT	43	TTF	43
MWTh	43	TuF	29
MTh	28	TWF	44

NUMBER OF CLASS DAYS

	Mon.	Tues.	Wed.	Thurs.	Fri.	Total
August	1	1	1	1	1	5
September	4	5	5	4	4	22
October	3	3	3	4	4	17
November	5	4	4	3	3	19
December	1	2	2	2	2	9
Total	14	15	15	14	14	72

HOME FOOTBALL GAMES

September 12 - Michigan
September 26 - Purdue
October 3 - Stanford
October 24 - Brigham Young University
November 7 - Boston College
November 14 - Penn State

Documentation

Spring 1993 Semester

January 11 Monday
Orientation, Enrollment and Registration for all New Students

January 12 Tuesday
Enrollment for all Continuing Students

January 13 Wednesday
Classes begin at 8 a.m.

January 21 Thursday
Last date for all class changes

February 2 Tuesday
Last date for return of Housing Contracts to Student Residences at Notre Dame

February 17-24 Wednesday-Wednesday
Notre Dame Student Accounts Enrollment Reservations for the Fall 1993-94

February 24 Wednesday
Deadline for 1993-94 Financial Aid Application at Notre Dame

February 26 Friday
Registration begins for 1993 Summer Session at Notre Dame

March 1 Monday
Deadline for 1993-94 Financial Aid Application at Saint Mary's College

March 3 Wednesday
Mid-semester Deficiency Reports due in Registrar's Office

March 6-14 Saturday-Sunday
Mid-semester Break

March 15 Monday
Classes resume at 8 a.m.

March 19 Friday
Last date for course discontinuance at Notre Dame

April 5-22 Monday-Thursday
Registration for the Fall 1993-94 Semester and for the 1993 Summer Session

April 9-12 Friday-Monday
Easter Holiday

April 13 Tuesday
Classes resume at 8 a.m.

April 21-23 Wednesday-Friday
Room Reservations for the Fall 1993-94 Semester at Notre Dame

April 30 Friday
Last Class Day

May 1-2 Saturday-Sunday
Study Days (no examinations)

May 3-7 Monday-Friday
Final Examinations

May 11 Tuesday
Absolute deadline for delivery of grades for students who are graduating to the Registrar

May 12 Wednesday
Absolute deadline for delivery of all grades to the Registrar

May 14-16 Friday-Sunday
Commencement Weekend

CLASS MEETINGS

MWF	42	MTuF	41
MW	28	MThF	42
MF	27	TT	29
MTuW	42	TWT	44
MTT	42	TTF	43
MWTh	43	TuF	28
MTh	28	TWF	43

NUMBER OF CLASS DAYS

	Mon.	Tues.	Wed.	Thurs.	Fri.	Total
January	2	2	3	3	3	13
February	4	4	4	4	4	20
March	4	4	4	3	3	18
April	3	4	4	5	4	20
May	0	0	0	0	0	0
Total	13	14	15	15	14	71

1993 Summer Session

Enrollment- June 21
Commencement- August 6

Documentation

Academic Council Minutes April 16, 1991

Members in attendance: Edward A. Malloy, C.S.C., Timothy O'Meara, Roger Schmitz, Patricia O'Hara, Nathan Hatch, Francis Castellino, John Keane, Eileen Kolman, David Link, Michael Loux, Anthony Michel, Robert Miller, Paul Conway, Melissa Smith, Thomas Blantz, C.S.C., Joseph Blenkinsopp, Leo Despres, Maria Rosa Olivera-Williams, John Yoder, Morton Fuchs, William McGlinn, Jerry Marley, Bill McDonald, William Nichols, Douglas Kmiec, Maureen Gleason, Kathleen Maas Weigert, and Frank Carnevale

Observers in attendance: Dennis Moore and Douglass Hemphill

Guests: Francis Connolly, professor of mathematics, and Jennifer McRedmond, Academic Commissioner elect, Student Government

The meeting was opened at 3 p.m. with a prayer by Prof. O'Meara.

1. **Minutes.** The minutes of the meeting of February 13, 1991, were approved as distributed with the agenda for this meeting.

2. **Proposal to merge the Departments of Earth Sciences and Civil Engineering.** Prof. O'Meara gave a summary of background information regarding this proposal. He pointed out that owing to the small number of faculty in earth sciences, its lack of a graduate program, and priorities that exist for new resources in the College of Science, the prospects for future growth and development of the department as it stands were not good. Since there seemed to be a natural affinity between earth sciences and civil engineering, discussions between the departments and colleges of a possible merger began some months ago. Gradually the points of concern against the merger were alleviated, and the parties involved recognized the positive aspects — especially for the development of research and graduate studies. Prof. O'Meara explained that the proposal is basically a simple merger that would combine the two departments as they now exist. He called on Deans Castellino and Michel to give further comment and amplification.

Dean Castellino listed four alternatives for the future of earth sciences: (1) strengthen the department by expanding it and initiating a graduate program, (2) maintain the status quo, (3) disband the department and reassign faculty and other resources to other departments, and (4) merge the de-

partments of earth sciences and civil engineering as proposed. Considering the priorities and directions of the College of Science, he felt that the first alternative was impractical. Of the others, he felt strongly that the merger was in the best interests of the departments involved and of the University because it would ensure a continuation and growth of geological sciences on the campus. He added that the merger is supported by the College of Science Council.

Dean Michel stated that the merger was a natural one, in his opinion, for the following reasons. A five-year joint undergraduate program in geology and civil engineering already exists between the two departments. Further, civil engineering's two areas of research concentration, structures and environmental issues, were natural ones also for earth sciences. He added that both departments should benefit from the merger. The newly-formed department would be responsible for the same degree programs that are presently the responsibility of the two separate departments. No program or curricular changes are proposed at this time. The proposal has been considered and recommended by the Engineering College Council.

Dean Michel then entered the motion that authorization be given for the establishment of a Department of Civil Engineering and Geological Sciences in the College of Engineering effective July 1, 1991, and that the new department take the place of the present departments of earth sciences and civil engineering. Professor Marley seconded the motion.

The statements that follow summarize in abbreviated form the pertinent comments, questions and responses raised by council members regarding the motion.

Prof. McGlinn: Was a formal vote taken from the faculty in earth sciences to record how they felt about the merger?

Dean Castellino: Possibly not, but a vote was taken in the College Council where the department chairman stated that the entire faculty supported the merger. Another member of the department was also present at the council meeting.

Prof. Despres: What directions will earth sciences pursue as it joins the College of Engineering, and will the earth sciences portion of the new faculty remain at its present size so that an academic program in geological sciences for undergraduate and graduate students will continue in the future?

Prof. O'Meara: Initially there was some anxiety on the part of the earth sciences faculty about the future of their faculty cohort, but those anxieties have subsided through extensive discussion sessions involving both departments. The faculty now feel assured that there will be equal citizenship in the new department.

Documentation

Dean Michel: With regard to future directions, since at least half of the present Department of Civil Engineering is concerned with such environmental matters as water resources and pollution control, the union will occur more or less naturally with no abrupt changes in directions. The new department will probably have 18 faculty positions, and most likely 12 of them will share interests related to the general area of earth sciences. There are no plans to discontinue any existing programs. The new department will offer a program leading to a Bachelor of Science degree with a major in Geological Sciences. One might expect more students to enroll in that major than are presently majoring in earth sciences.

Dean Castellino: The question about the future of the faculty and programs in earth sciences is certainly germane and was the cause of early anxieties. There can be no long-range guarantees, of course, but everyone seems to be convinced that the best chances for the preservation and enhancement of the discipline lie in the proposed merger.

Dean Loux: A possible practical consequence of the merger is that a basic earth science course for non-majors would no longer satisfy the University science requirement due to the fact that the course would no longer be offered by the College of Science.

Dean Castellino: Through a transition period the freshman course offered by the earth sciences faculty will continue to satisfy the University's science requirement regardless of the college through which it is offered. Following such a period, however, courses satisfying the science requirement will have to be selected from the offerings of the College of Science.

Dean Loux: How are space requirements of the new department being met?

Dean Michel: One classroom will be converted and two others reduced in size to provide faculty office space in Cushing Hall for next year. The conversion will be offset by the creation of a new classroom in the present earth sciences building. Some modifications of existing laboratory space in Cushing and Fitzpatrick Halls will take care of immediate space needs for research. For the time being, the teaching laboratories for earth sciences will not be relocated.

Dean Kolman: Regarding freshman level course offerings for students who are interested in taking courses dealing with environmental geology or principles of geology, will such courses not continue to satisfy the science requirement when they are offered through the College of Engineering? This year over 500 freshmen took courses in earth sciences to satisfy the requirement.

Dean Michel: Students who are interested will still be able to take such courses as electives, but the College of Engineering has made no commitment to provide service courses.

Prof. Despres: It is not clear why courses which now can be used to satisfy the science requirements could not be so used in the future when the only change is that the faculty who teach them have switched from one college to another. It appears that disqualifying these courses is simply a way of forcing a large number of students into other courses in science.

Dean Castellino: The University has a very minimal science requirement, and that requirement should be satisfied by courses offered through the College of Science. Most students have room in their program to take elective courses in earth sciences beyond the minimal requirement if they are interested. Most likely the College of Science will introduce new courses in biology which have an environmental aspect. In addition, offerings in astronomy will probably be expanded, and with new faculty positions forthcoming, physics and chemistry offerings may be increased as well. The possibility always exists that the Earth Sciences faculty could be given joint appointments in the College of Science so that their courses, which then would require College of Science approval, could be used to satisfy the science requirement.

Fr. Blantz: Do most of the graduate programs in Earth Sciences in this country reside in Colleges of Engineering or in Colleges of Science? What effect, if any, would this merger have on our earth science majors who apply for graduate school? Would they be at an advantage or disadvantage coming from the College of Engineering rather than from the College of Science.

Dean Castellino: Many departments similar to our earth sciences are in combination with other disciplines. For example, Iowa State has Geological and Atmospheric Sciences; Johns Hopkins, Earth and Planetary Sciences; North Carolina State, Earth and Atmospheric Sciences; Purdue, Earth and Atmospheric Sciences. There are very few stand-alone geology departments. The merger proposed here should have no effect on our undergraduates being admitted to graduate programs elsewhere. In recent years, the number of seniors majoring in earth sciences has been in the single digits. In one year, the number reached 10 or so.

Mr. Miller: There is a concern that the Engineering Library will not have room to house the earth sciences collection. Are new facilities being considered?

Prof. O'Meara: In the long run there will probably be a new building that will house the new department and possibly other engineering departments and/or research centers.

Documentation

Mr. Miller: There is a concern in the short run about putting the earth sciences collection, which is presently in a reading room in the earth sciences facility, in the Engineering Library that is already crowded, and another concern in the long run about operating costs to support additional library space.

At this point, Fr. Malloy asked for a vote on the motion. The motion was approved by voice vote.

3. Proposal for a Discriminatory Harassment Policy. Fr. Malloy called the council's attention to versions I and II of a discriminatory harassment policy. He stated that version II, which was distributed to the council at this time, is a revised form of version I, which was prepared by the Faculty Senate and sent to council members in advance of this meeting. He added that version II is before the council now for consideration. (Attachment A gives both versions.)

Fr. Malloy made further introductory remarks and summarized the history of the development of this policy. He stated that when an *ad hoc* committee, chaired by Dean Eileen Kolman, submitted a proposed harassment policy, he felt that as a minimum the proposal called for a review and a response from the Student Government and the Faculty Senate. In retrospect, he felt that there should have been also an early response sought from the Office of Student Affairs, the Department of Human Resources and the General Counsel's Office. The Faculty Senate proceeded to modify the original proposal and submitted version I. He explained that subsequently comments and suggestions were received from the University Counsel, Student Affairs and Human Resources which led to the formulation of version II. He then asked Prof. O'Hara, who was closely involved in discussions that led to the changes between the two versions, to give the rationale for the changes.

Prof. O'Hara first explained that the review of a proposed policy by student affairs personnel had focussed first on the original proposal issued by the *ad hoc* committee. Only last week she and her staff became aware of the Faculty Senate version (version I) which was a substantial modification of the original one. Therefore, very recent inputs from students, rectors, the Office of Residence Life, the General Counsel and others were instrumental in the revisions leading to version II.

She pointed out that the first change removed language from the *Policy* section of version I that described discriminatory harassment as "a more serious offense." She noted that *du Lac* presently contains statements regarding general harassment and sexual harassment. It would be problematic, she felt, for student affairs to view discriminatory harassment generally as more serious than other types. Further, she felt that the statement in version I suggests an es-

calation of the penalties that adjudicators would have to consider for this type of harassment.

Prof. O'Hara stated that other changes were made (a) to remove contradictions between the descriptions and definitions in this policy and those in other existing harassment policies, (b) to include off-campus incidents, (c) to make the reporting of incidents to an "appropriate" rather than "immediate" superior officer so as to provide for a broader range of situations, and (d) to ensure that existing rules and regulations would not be affected by this policy.

Fr. Malloy then asked Prof. Conway to comment from the Faculty Senate perspective on these versions. Conway deferred to Prof. Connolly who served as chair of the senate committee that drafted the proposal.

Prof. Connolly stated that the changes were acceptable with one exception. He argued that the description of discriminatory harassment as more serious than other forms of harassment should be retained — that removing it makes the policy ineffective.

Prof. O'Hara responded that the reason for the revision was not to reduce the seriousness of discriminatory harassment but rather to eliminate any prejudgement that one type of harassment is always more serious and calls for more stringent penalties than another — regardless of the specific facts and circumstances of individual cases.

Prof. Connolly added that he would like the policy to include some language stating, in effect, that "all other things being equal" a case of discriminatory harassment would be treated as a more serious offense.

At this point Prof. O'Meara explained further the genesis of version II. He pointed out that this version was an outcome of his conversations over just the past day or so with Prof. O'Hara and Fr. Malloy and that the Executive Committee had not had an opportunity to review it. He added that he had contacted Prof. Conway about the changes in order to get the senate's response and was advised in advance that Prof. Connolly may have some reservations about the revisions.

Fr. Malloy raised the question of whether the University formally should have a discriminatory harassment policy, and he called for a discussion of the proposed policy from the floor.

The following statements are brief summaries of pertinent remarks.

Prof. Despres: The discussions at meetings of the Faculty Senate never focussed on the question of whether or not there should be a policy. The senate was presented with a version of the policy from the start and set out to revise it.

Documentation

Prof. Conway: The question was discussed at the most recent meeting, but no vote was taken.

Ms. Smith: Is it even appropriate for the Academic Council to be considering such a policy in view of the fact that it impacts other areas such as the Department of Human Resources? If approved, where will the policy appear? —in the *Faculty Handbook*, the *Student Handbook*, in *du Lac*?

Mr. Carnevale: The University should have such a policy, not because the evidence of incidence here justifies it, but considering the diversity developing here and problems known to exist elsewhere, we should have a stated policy in advance of possible problems or in the hope of avoiding them.

Prof. Kmiec: Except for one incident that was widely reported and discussed in the *Observer*, this University seems to have no examples of incidents. Doubts exist as to whether even that one incident fits under this policy. The student handbook already contains statements which prohibit willful damage to the reputation or psychological well-being of others — a broader and more comprehensive policy than that under consideration here. Even with all of the efforts at refining the policy, there is reason to be concerned that charges will be made under the policy that infringe on first-amendment rights. For example, someone upset by a classroom discussion of pro- and anti-Israel policies, or of a particular religious practice, may charge that such discussion amounts to hostile, intentional and persistent badgering.

Mr. Carnevale: This policy may not address a particular example of a classroom incident, but students do feel that discriminatory harassment problems exist here and that no clear procedures exist to deal with them.

Dean Kolman: Regarding the question of whether a policy is needed, members of the *ad hoc* committee, which included five faculty and two students from minority groups, believed without doubt that discriminatory harassment and harassment exist on this campus. That committee was clearly in favor of moving toward a stated policy. Statements to the effect that all people have intrinsic value and therefore should be treated decently would not be sufficient in that committee's opinion.

Prof. Fuchs: The policy is important because it will have an effect on how the University is perceived. It would indicate officially that the University is sensitive to individuals who might be subjected to discriminatory harassment.

Prof. Blenkinsopp: Problems seem to exist with both the definition and procedural aspects of the policy. The focus is very broad, yet students are interested in a policy that addresses the academic or classroom environment. Are students satisfied with these definitions and procedures?

Ms. Smith: Students would have some objection to the definition of harassment because it excludes most conceivable classroom situations. Regarding procedures, students would feel that the Office of the Vice President for Student Affairs is the appropriate central location for their reporting of incidents.

Mr. Miller: Since incidents can be reported through a variety of routes, the policy as it stands does not provide a means of assessing the extent of a problem campus-wide or the general effectiveness of actions.

Prof. Kmiec: Regarding the definition, would "persistent badgering intended to intimidate someone from a University activity" be interpreted to include a decision not to recognize a student group?

Fr. Malloy: No, it would not be so interpreted.

Prof. O'Hara: The final statement in the version II (section 5) is intended to address such matters — to make it clear that existing rules and regulations remain intact.

Prof. Kmiec: The inclusion of a "small group of others" could be deleted from section 2a in order to relieve the concerns about inappropriate attempts to apply the policy. Generally in group libel cases under the constitution, attempts to punish speech aimed at a wide audience are viewed as complaints about the content rather than the offensive nature of the conduct. This policy should be aimed at those individuals who abuse their office or position by demeaning another individual or by failing to recognize the intrinsic value of an individual.

Fr. Malloy: From the student viewpoint, however, situations involving a person of authority and small groups of others arise frequently and are of central concern regarding harassment, not necessarily in the classroom, but in the residence halls and in various campus activities.

Prof. Despres: Since the proposed policy does not appear to address the concerns of the students satisfactorily, it should be sent back for further study instead of being rushed toward adoption.

Prof. O'Hara: Further study of this matter is not likely to bring us any closer to agreement. The definition in front of us is about as far as the Faculty Senate can go while balancing the faculty's rights of free speech and academic freedom. Any student concerns about procedural matters can be worked out within the Office of Student Affairs.

Mr. Miller suggested that the word "alleged" be inserted in such phrases as "in the case of harassment." Prof. Conway and Dean Kolman supported this modification.

Documentation

Expressions of support for the proposed policy were voiced by Profs. Olivera-Williams and Hatch. Dean Loux also expressed support for the document but repeated the suggestion that "alleged" be inserted in a number of places. There appearing to be general agreement, Fr. Malloy stated that "alleged" or "allegations of" will be inserted in appropriate places by the final drafters, if the policy is otherwise approved.

Prof. Connolly reiterated his earlier argument that discriminatory harassment should be treated as a more serious offense. Prof. O'Hara reiterated earlier arguments against the "more serious" description.

At this point Prof. Despres asked for a vote on whether or not the council wants to have a policy, regardless of the various modifications that have been discussed and might be incorporated. He entered a motion to adopt a policy. The motion was seconded by Prof. McGlenn. In a vote by show of hand, 21 members favored the motion, two opposed and one abstained. The motion carried.

Prof. Connolly again argued that the policy should make it clear in one way or another that discriminatory harassment is regarded as a "more serious offense." Opposing arguments were rehearsed.

Ms. Gleason entered a motion for an amendment that would remove the final sentence of the policy statement in version II and insert the following as a second paragraph in section 1: *While harassment in general is prohibited elsewhere in the University's regulations, all should be aware that behavior which in addition constitutes discriminatory harassment is an aggravating factor.* Dr. Weigert seconded the motion.

The motion failed by hand vote.

Prof. Despres then moved to replace section 2a of version II with the statement: *Harassment is any physical or verbal conduct intentionally inflicting injury on the person or property of another or any intentional threat of such conduct. Conduct constitutes discriminatory harassment if it is accompanied by repetitive and intentionally demeaning expressions concerning the race, sex, religion, sexual orientation or national orientation of the victims.* The motion was seconded.

Prof. Kmiec pointed out that the proposed amendment goes well below the minimum threshold of protection of free speech.

The motion failed.

Prof. Despres moved for adoption of the policy as written in version II. Prof. Fuchs seconded the motion.

Ms. Smith then moved to table the motion so that further revision might be considered. She expressed concern that there has not been sufficient student discussion, particularly of the suitability of the proposed policy for dealing with possible student-faculty incidents. The motion was seconded by Mr. Carnevale.

The council voted against tabling.

Dean Loux suggested that the description of the ombuds-person in section 4, be changed to read "selected by the President, in consultation with the officers of the University," in place of "selected by the provost." The change was accepted by Profs. Despres and Fuchs.

The council then voted in favor of the motion. There were 20 votes in favor, none in opposition. Two members abstained.

Fr. Malloy added that he approves the policy as formulated and modified. (The modified version approved by these actions is presented in Attachment B.)

4. Status of on-going discussions regarding the integration of course material on race/gender/class into the curriculum. The council consented to postpone this item until the May 15 meeting.

The meeting adjourned at 5:20 p.m.

Respectfully submitted,

Roger A. Schmitz
Secretary of the Academic Council

Documentation

Attachment A

This attachment presents versions I and II of the Discriminatory Harassment Policy. Version II is derived by deleting those parts that are ~~stricken through~~ and including those [in brackets]. Version I is the form without such deletions and insertions.

DISCRIMINATORY HARASSMENT POLICY

1. POLICY:

The University of Notre Dame believes in the intrinsic value of all human beings. It is, moreover, committed to the full peaceable participation of all its members in the educational endeavor it fosters. This is the reason that the University prohibits discriminatory harassment as defined below. The University is also committed to the free expression and advocacy of ideas; it wishes to maintain the integrity of this commitment as well. For this reason, cases of verbal harassment are defined here with great caution.

~~While h~~[H]arassment in general is prohibited elsewhere in the University's regulations, ~~all should be aware that behavior which, in addition, constitutes discriminatory harassment, will be treated as a more serious offense.~~

2. DEFINITION:

[For purposes of this policy:]

a. Harassment. Harassment is any physical conduct intentionally inflicting injury on the person or property of another, or

any intentional threat of such conduct, or

any hostile, intentional, and persistent badgering, addressed directly at another, or small group of others, which is intended to intimidate its victim(s) from any campus activity, or

any verbal attack, intended to provoke the victim to immediate physical retaliation.

b. Discriminatory Harassment. Conduct as described in a., above, constitutes discriminatory harassment, if, in addition, it is accompanied by [intentionally] demeaning expressions concerning the race, sex, religion, sexual orientation, or national origin of the victim(s).

3. PROHIBITION:

All discriminatory harassment is prohibited on this campus.

4. ADMINISTRATION:

It is appropriate to report any incident of discriminatory harassment to the authorities of the University. The ways available for doing this are as follows.

Students: A case of harassment by a student toward another student which occurs outside a residence hall is to be reported to the Office of Residence Life and shall be handled in the same manner as other violations of University rules and regulations. (See *du Lac: Student Life Policies and Procedures; University Standards of Behavior.*)

Likewise, any incident of discriminatory harassment by a student toward a faculty member or staff member is to be reported to the Office of Residence Life. Any incident of discriminatory harassment by a student toward any other student which occurs in a residence hall is to be reported first to the rector and, in consultation with the Office of Residence Life, a determination shall be made as to whether the incident should be handled at the hall level or whether the matter should be referred to the Office of Residence Life.

Faculty: An incident of discriminatory harassment by a faculty member is to be reported to the chair of the academic department, or, in cases involving the chair, to the dean of the college. If the matter cannot be resolved at the department or college level, it is to be referred to the Provost's office.

Staff: An incident of discriminatory harassment by a staff member is to be reported to the the Director of Human Resources, and shall be handled by the Human Resources Office in the same manner as any other violation of University Rules and Regulations as outlined in the University Human Resources Manual.

Administration: An incident of discriminatory harassment by an administrator is to be reported to the immediate [appropriate] superior of the person involved.

~~Ombudsman~~ [Ombudsperson]: Notwithstanding the above, a person alleging discriminatory harassment may choose to report the incident to the University ~~Ombudsman~~ [Ombudsperson]. This is to be a member of the University community, selected by the provost for that task. The ~~ombudsman~~ [ombudsperson], after taking information on the incident, is to help the complainant handle the matter, either by informal conciliation, or by helping the complainant proceed with the reporting procedure described above.

[5. EXISTING UNIVERSITY RULES AND REGULATIONS:

This policy is intended to be an addition to existing University rules and regulations and does not alter or modify any existing University rule or regulation.]

Documentation

Attachment B

The following version of the Discriminatory Harassment Policy was approved at the April 16, 1991, meeting of the Academic Council

DISCRIMINATORY HARASSMENT POLICY

1. POLICY

The University of Notre Dame believes in the intrinsic value of all human beings. It is, moreover, committed to the full peaceable participation of all its members in the educational endeavor it fosters. This is the reason that the University prohibits discriminatory harassment as defined below. The University is also committed to the free expression and advocacy of ideas; it wishes to maintain the integrity of this commitment as well. For this reason, cases of verbal harassment are defined here with great caution. Harassment in general is prohibited elsewhere in the University's regulations.

2. DEFINITION

For purposes of this policy:

a. Harassment. Harassment is any physical conduct intentionally inflicting injury on the person or property of another, or

any intentional threat of such conduct, or

any hostile, intentional, and persistent badgering, addressed directly at another, or small group of others, which is intended to intimidate its victim(s) from any University activity, or

any verbal attack, intended to provoke the victim to immediate physical retaliation.

b. Discriminatory Harassment. Conduct as described in a., above, constitutes discriminatory harassment, if, in addition, it is accompanied by intentionally demeaning expressions concerning the race, sex, religion, sexual orientation, or national origin of the victim(s).

3. PROHIBITION

All discriminatory harassment is prohibited.

4. ADMINISTRATION

It is appropriate to report any allegation of discriminatory harassment to the authorities of the University. The ways available for doing this are as follows.

Students. An alleged incident of discriminatory harassment by a student toward another student which occurs outside a residence hall is to be reported to the Office of Residence Life and shall be handled in the same manner as other violations of University rules and regulations. (See *du Lac: Student Life Policies and Procedures; University Standards of Behavior.*)

Likewise, any alleged incident of discriminatory harassment by a student toward a faculty member or staff member is to be reported to the Office of Residence Life. Any alleged incident of discriminatory harassment by a student toward any other student which occurs in a residence hall is to be reported first to the rector and, in consultation with the Office of Residence Life, a determination shall be made as to whether the allegation should be handled at the hall level or whether the matter should be referred to the Office of Residence Life.

Faculty. An alleged incident of discriminatory harassment by a faculty member is to be reported to the chair of the academic department, or, in cases involving the chair, to the dean of the college. If the matter cannot be resolved at the department or college level, it is to be referred to the Provost's office.

Staff. An alleged incident of discriminatory harassment by a staff member is to be reported to the Director of Human Resources, and shall be handled by the Office of Human Resources in the same manner as any other violation of University Rules and Regulations as outlined in the University Human Resources Manual.

Administration. An alleged incident of discriminatory harassment by an administrator is to be reported to the appropriate superior officer of the person involved.

Ombudsperson. Notwithstanding the above, a person alleging discriminatory harassment may choose to report the incident to the University Ombudsperson. This is to be a member of the University community selected by the President, in consultation with the other officers of the University, for that task. The ombudsperson, after taking information on the incident, is to help the complainant handle the matter, either by informal conciliation, or by helping the complainant proceed with the reporting procedure described above.

5. EXISTING UNIVERSITY RULES AND REGULATIONS:

This policy is intended to be an addition to existing University rules and regulations and does not alter or modify any existing University rule or regulation.

Documentation

Academic Council Minutes May 15, 1991

Members in attendance: Edward A. Malloy, C.S.C., Timothy O'Meara, E. William Beauchamp, C.S.C., Roger Schmitz, Patricia O'Hara, Nathan Hatch, Francis Castellino, John Keane, Eileen Kolman, David Link, Michael Loux, Anthony Michel, Paul Conway, Melissa Smith, Thomas Blantz, C.S.C., Joseph Blenkinsopp, John Borkowski, Cornelius Delaney, Leo Despres, John Yoder, Morton Fuchs, Jerry Marley, Bill McDonald, William Nichols, Douglas Kmiec, Maureen Gleason, Regina Coll, C.S.J., and Kathleen Maas Weigert

Observers in attendance: Dennis Moore

Guest: Kate Halischak, special assistant to the Executive Vice President

The meeting was opened at 2 p.m. with a prayer of St. Patrick by Prof. O'Meara.

1. Update on course offerings on race/gender/class.

Prof. O'Meara pointed out that this item was postponed at the previous council meeting and that since then Fr. Malloy has announced the formation of a task force on cultural diversity. He added that the Executive Committee now recommends that the item be made part of the work of that task force, and that it not be discussed by the council at this time.

Ms. Smith commented that this strategy was an appropriate response at this point to student concerns about this matter.

Dean Loux pointed out that the College of Arts and Letters is considering the possibility of a college requirement in gender/race and will continue work on the subject next year. He felt it important that the college and the task force stay in close touch on this matter.

2. Report on athletics. Fr. Beauchamp stated that this report on athletics actually will be an abbreviated summary focussing mainly on the academic parts of a 191-page document prepared by the Faculty Board in Control of Athletics, which he chairs. He added that a more extensive summary will be published in *Notre Dame Report*.

He began by describing the membership of the board and its activities and range of concerns. He noted that its purview is evolving in the sense that it is becoming ever more active and involved in the administration of, and policies regarding, the University's athletic program.

Fr. Beauchamp then spoke about the interaction between the Athletic Department and Admissions Office, pointing out that the Admissions Office makes the final decision on the admissibility on student athletes just as it does all other students. As with all special interest students, the decision is based primarily on a judgment as to whether the student could succeed academically at Notre Dame. He noted that other special interest groups include children of faculty, nephews and nieces of Holy Cross religious, and children of trustees, major benefactors and, to a certain extent, alumni.

Next he presented a series of slides which showed quantitative information on the following topics. The information included, where appropriate, historical data, breakdowns by sport, and comparisons with non-athletes.

- SAT averages, high school ranks in class, Notre Dame graduation rates and academic majors of recruited student athletes.
- Grade-point averages of student athletes at graduation.
- Excused class absences due to participation in varsity sports.
- Student athlete enrollment in summer sessions.
- Revenues generated by athletics and Athletic Department expenses.
- Grants-in-aid for student athletes.

The following statements summarize the points emphasized by Fr. Beauchamp in presenting these topics.

- The gap between the average SAT scores of student athletes and that of all Notre Dame students has narrowed through the years. For example, it was 211 points in 1980, and presently it is about 150. For student athletes entering in 1990-91, football had the lowest average SAT (892); women's basketball was second lowest (930). The highest were women's golf (1235) and women's swimming (1203). The 11-year average is lowest for men's basketball (837) and men's football (879).

- Of the 548 recruited student athletes who entered the University between 1980 and 1986, 89 percent have graduated as of January, 1991. If adjusted for those who transferred to other institutions or who withdrew from the University, the graduation rate is 96 percent. Their majors were distributed among the four colleges as follows: Arts and Letters, 47 percent; Business Administration, 42 percent; Engineering, 5 percent; Science, 6 percent. Thirty percent of them had a grade-point average of 3.0 or greater at graduation.

- Student athletes at Notre Dame are granted excused absences for no more than three class sessions in any course during a semester due to athletic participation. This number, which appears to be far lower than permissible absences at other institutions, follows a policy put into effect in the 1990-91 year. Rare exceptions are granted to individuals who have opportunities in special invitational play (for example in tennis). Other exceptions are absences

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due to post-season tournament play. Fr. Beauchamp explained and handed out copies of the correspondence and information sent by Dr. Kate Halischak, director of Academic Services for Student Athletes, to instructors who have student athletes in their classes.

- Fifth-year eligibility of athletes, determined at the end of the junior year at the earliest, must be requested by the student. The determination is made by the Faculty Board in Control of Athletics.

- About 120 student athletes typically enroll in the summer session. In 1990 the number was 127, 109 of whom were in academic good standing at the start of the session. Recent changes in NCAA rules stipulate that the percentage of support given by grant-in-aid to a student athlete during the summer cannot exceed that given during the academic year.

- The percentage of student athletes among all students receiving disciplinary sanctions is about the same as the percentage of student athletes in the student body. However, a disproportionate number of athletes receive serious sanctions.

- The Athletic Department submits its budgets annually for approval by the same procedure as that for all other divisions or departments of the University. The revenue generated by athletics does not belong to the Athletic Department. It is part of the general operating fund of the University, and the officers determine its use just as they do the use of all other University revenue.

- Revenue from marketing started in 1988-89 and now amounts to about \$500,000 per year. It is projected to approach \$1 million in a year or so. All marketed items and licensing is reviewed by a University licensing and marketing committee.

In addition, Fr. Beauchamp gave detail on various expense items that have led to an average annual cost increase for the athletic program of about 9.3 percent over the past five years. He stated that in terms of total program expenditures, Notre Dame ranks near the middle among Division I institutions.

The following statements summarize responses by Fr. Beauchamp and Dr. Halischak to questions and comments from the floor.

- The NCAA does not set a limit on earnings of student athletes through summer employment so long as their rate of pay is consistent with that of other similarly employed persons. Such earnings must be reported to and approved by the NCAA.

- The maximum amount of time a student athlete may spend on a sport during the season is 20 hours per week, as stipulated by a recently adopted NCAA rule.

- A foreseeable problem is that while revenues currently exceed expenses for the athletic programs, projections suggest that they will just balance around 1995. If that indeed happens, the programs will no longer be self-supporting. Some additional sources of revenue must be found, or some programs will have to be reduced. Those monies from the NBC contract that are committed to student financial aid will not be used to meet athletic program costs.

- If a student athlete's unexcused absence from class is made known to the coach, the usual policy is that the student will not be permitted to practice. Such absentee problems should be reported to the coach or to Dr. Halischak who has the authority to bar an athlete from practice.

Fr. Malloy interjected information about the report of the Knight Commission on intercollegiate athletics. He pointed out that three basic recommendations pertained to (1) the role of the president of a college or university in controlling athletics, (2) academic accountability of athletic programs, and (3) the accreditation of athletic programs.

Dean Link complimented Fr. Beauchamp and Dr. Halischak on the report, saying that its forthrightness should alleviate many concerns. Fr. Malloy added that the comprehensiveness of the material presented in the report is unusual in higher education and unprecedented at Notre Dame.

Fr. Beauchamp and Dr. Halischak emphasized that the Office of Academic Services for Student-Athletes invites comments and positive interactions with faculty and administrators regarding the academic affairs of student athletes.

3. Proposal for a Doctor of Juridical Science (J.S.D.) graduate program in the Law School. In presenting this proposal, Dean Link informed the council that the J.S.D. is usually the highest earned academic degree in law that an institution will offer. A thesis degree, the J.S.D. would require two semesters of residency beyond the LL.M., which has been offered through Notre Dame's Law School for a few years. Dean Link pointed out that, as opposed to the J.D. degree, also currently offered at Notre Dame, neither the J.S.D. nor the LL.M. are professional degrees. He stated that Notre Dame is one of the very few schools among the nation's top 25 that does not offer the J.S.D., and that we can not claim to be a leading research law school without it. He felt that Notre Dame might claim a unique niche by offering the opportunity for the J.S.D. with a concentration in International Human Rights Law.

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Referring to material that was sent in advance to council members, Dean Link summarized admission and degree requirements. He added that the proposal has been reviewed by the Graduate Council, and if approved, would begin in the fall semester of 1991.

Prof. Hatch interjected that the Graduate Council voted unanimously in favor of the proposal. He added that certain standards for the thesis requirement and the program would be governed by the Graduate School, but the principal administration of the program would be handled by the Law School.

Prof. Despres asked about the qualifications of the present law faculty for mentoring candidates for the J.S.D., and he questioned whether action by the council should await a review of the proposed program by the American Bar Association (A.B.A.).

Dean Link responded to the second point by saying that the A.B.A. would not consider reviewing the program unless it first had council approval. He added that offering the degree does not hinge on A.B.A. approval. Regarding the first point, he stated that a number of current faculty have the expertise required for a J.S.D. program.

Prof. Fuchs also asked about faculty qualifications, noting that only one member of the current Law School faculty holds a J.S.D.

In response, Dean Link said that holders of the J.S.D. typically represent a small fraction of law faculties at universities in the United States. He added that the J.S.D. is not comparable to the Ph.D. and that the usual qualification for teaching positions in this country is the J.D. degree. International students who will teach at foreign schools are attracted to J.S.D. programs in order to study American comparative law.

Prof. O'Meara commented that considering the advances made by the Law School in research and in the selection of faculty for appointments and promotions, he has no qualms about the qualifications of the faculty for conducting the proposed program. He felt that the new program would enhance the research reputation of the Law School.

Fr. Malloy noted that the proposal came to the council with a recommendation for approval by the Executive Committee. Called to vote, the council voiced approval without dissent.

4. Faculty Senate proposal concerning notifications to faculty candidates of decisions and recommendations regarding reappointment, tenure and promotion. Prof. Conway introduced this proposal, reminding the council

that it was first introduced and tabled at the council meeting of October 9, 1990. He referred to material handed out at that time, which included the Faculty Senate resolution and a summary of related policies in effect at some other institutions. He stated the senate's recommendation "that candidates be made aware of decisions and recommendations and the rationale thereof at each stage of the process of reappointment, tenure and promotion, as each is made," and he moved for council approval of the recommendation.

Prof. Conway referred also to new information, distributed to council members in advance of this meeting, obtained from a survey of the faculty. Citing some of the statistics, he pointed out that only 19 of the 443 respondents were in favor of the reappointment/tenure/promotion process as it now operates. Of those respondents who have never served on a CAP, 2 percent favored no change; of past or present CAP members, 7 percent; and of 36 chairpersons responding, none were in favor of the existing policy. He felt that the survey results show that there is a need for a change and further that there is strong support for it at the grass-roots levels of faculty and CAPs.

He noted that some of the opposition for the proposal has stemmed from the fear that CAPs would be reluctant to make negative decisions if that decision were to be revealed immediately to the candidates. He argued that there is no reason to believe that faculty would not continue to act responsibly. He said that comments he received from faculty give reason to believe that there would be less tension, suspicion and anxiety and increased morale and improved perception of honesty in the process, if information were shared during the decision process. Further, those candidates on whom negative decisions are made would be able to get on with lives at an earlier stage.

The following statements summarize the gist of comments, questions and responses from the floor.

Dean Loux: Whether there would be any less anxiety on the part of candidates is questionable. A negative tenure decision is now followed by a whole year's terminal appointment and usually involves grievance procedures. Rather than enabling candidates to get on with their lives, earlier information might have the effect of stretching that terminal period to 16 or 17 months.

Prof. Conway: Sharing information at an early stage between CAPs and candidates would/may result in better understanding and perhaps fewer grievances. Apparently very few recommendations by CAPs are reversed, but faculty members do not believe that to be the case.

Dean Castellino: Since decisions are never final until the president approves, false expectations raised by revealing information prematurely may negate any relief in anxiety.

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Further, what are the senate's views on the impact on the University's standards? Would standards be elevated?

Prof. Conway: The proposed process would not cause any lowering of standards. Possibly standards will improve because CAP members will be inclined to study cases more carefully knowing that their decisions would have to be justified immediately to the candidate.

Prof. Despres: There is no evidence that standards have been lowered at other institutions that employ the proposed procedure. Further, there is a possibility that litigations stemming from promotion decisions will be reduced by virtue of these procedures. Many of the young faculty who have gone through the present process, including those who have been granted tenure, regard it as totally unacceptable.

Prof. Borkowski: The strength of the present system is that responsibility is shared up and down the line — so that the eventual decision is a collective one — and it works reasonably well. Perhaps the system could be modified so that when cases reach the dean's level, feedback would be provided as to whether a decision is favorable, unfavorable or problematic. Those faculty in the first category would probably be dissuaded from looking to the job market (to Notre Dame's benefit). Those in the second could begin a job search. A shared decision would eventually be worked out through the full process for those in the third category.

At this point, Prof. O'Meara stated that he opposes the changes recommended and that he has explained his opposition in his meetings with the senate. His central question as to how the changes would improve the quality of the decisions, and so the quality of the tenured faculty, has not been addressed. He expressed strong feelings about the integrity of the present process — integrity in the sense of shared responsibility. He favored other means of informing those individuals who are at the positive or negative extremes — such as informal counselling in prior years or prior to the start of the formal process itself. He also favored accelerating the process in rare and special cases — for example, for candidates who have received bona fide offers. He believed that announcing decisions at different times — in the sense described by Prof. Borkowski — would taint a promotion or tenure decision that had been labelled problematic.

Fr. Malloy stated that he is not prepared to approve the recommendation if the council were to vote in favor of it. He went on to explain that he does not find the rationale for the change persuasive. He felt that improvements should be made in communication at the department level through annual reviews of faculty and the like — improvements that do not require approval of the council. Already some departments simply are not presenting individuals who do not meet the University's standards for promotions.

Instead they are discouraging such individuals from applying for appointment, tenure or promotion. He recognized the concern for the anxieties of those awaiting decisions, but he pointed out that similar evaluation and promotion ordeals exist in other walks of life where no perfect system has been discovered. Further, he felt that there are natural disincentives to passing along news about an unfavorable decision to another person and that it is only reasonable to assume that the jobs of CAPs and others can be better carried out if the unfavorable decision is a shared responsibility. He stated that he also believes in the integrity of the process as a whole once it has begun. He added that humane concerns have led to the extra year's appointment following a negative decision on promotion or reappointment and that one would probably find no parallel in other professions.

Prof. Conway: Faculty members do not find the terminal year to be "humane." One of the reasons for wanting information on decisions early is to avoid that year.

In response to Prof. Conway's inquiring further into departmental counselling of candidates in advance of a final decision, Prof. O'Meara stated that occasionally deans and/or department chairs will violate the strict letter of the rules to give information to candidates while the decision process is underway for very special reasons — after consulting with the provost.

Prof. O'Meara elaborated on his reasons for opposing the recommendation. (1) There is often pressure from candidates who have been denied tenure or reappointment. He cited a recent case where he was inundated by letters in support of a person who had been denied tenure. He commented that he would not want that sort of thing to happen and interfere with the process while it was at work. (2) He believes that the recommended procedure would lead to a gradual erosion of the standards for decision making at Notre Dame.

Dr. Weigert: The evidence seems to support the need for a change. Decisions here are announced very near the end of the spring semester. Could the process be hastened?

Dean Michel: To say that an individual gets no feedback is unrealistic — at least so it is in the College of Engineering. If difficulties occur, they are probably due to inadequate individual counselling and communication at the department and college levels about expectations and standards.

Prof. Despres: The problem does not only apply to those who are denied reappointment or tenure, but also with those who are not denied due to the tensions and anxieties that build as they wonder from January to May where they stand.

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Dean Castellino: Tensions and anxieties actually are inherent in the entire six-year process. The entire evaluation and decision-making process may need some alteration, but an argument for change based on perceived tensions over a few months in a lifetime is not convincing.

Prof. Hatch: The sense of community, the nature of Notre Dame, and the small size of departments conspire to make it difficult here to communicate negative decisions immediately to colleagues in departmental surroundings. In addition, times are such that those being evaluated often are prepared for litigation if decisions are negative — a fact which also conspires against CAPs revealing negative information honestly.

At this point Fr. Malloy repeated his opposition to the recommendation. He stated his conviction that the present system will preserve the integrity of the whole decision-making process and therefore better serve the well-being of the University than the proposed procedure. He offered the options of taking a vote on the motion at this time or tabling it to give the Faculty Senate and the administration further opportunity for discussion. Prof. Conway opted for the latter, and the council concurred.

The motion was tabled.

Fr. Malloy expressed his thanks to council members for their service to the University and his wishes for an enjoyable summer.

The meeting adjourned at 4:50 p.m.

Respectfully submitted,

Roger A. Schmitz
Secretary of the Academic Council

Clarification

Volume 20, Number 20, Page 459
National Endowment for the Humanities Gives Grant to Preserve Medieval Institute's Library

The grant from the National Endowment for the Humanities to preserve embrittled volumes in the library of the Medieval Institute was received by the University Libraries.

Correction

Volume 20, Number 20, Page 459
Campus Compact Representatives Named

Kathy Royer, coordinator of Service/Social Action Groups for the Center for Social Concerns, and Kathleen Maas Weigert, faculty liaison/academic coordinator for the Center for Social Concerns and concurrent associate professor of American studies, were representatives at the Campus Compact Institute at Stanford University.

The Graduate School Research Division

Jesse H. Jones Faculty Research Travel Fund Awards for 1990-91

The Graduate School announces the following awards from the Jesse H. Jones Faculty Research Travel Fund for the period July 1, 1990, through June 30, 1991.

Barbara Allen, Department of American Studies. Research travel to California to study "Regional Experience and Narrative Expression in the American West." \$490.

Mark Alber, Department of Mathematics. Research Travel to California: "Two Dimensional Quantum Gravity and Its Implications on Mathematics and Physics." \$500.

Hafiz M. Atassi, Department of Aerospace and Mechanical Engineering. Research travel to the University of Lyon, France, for support of a project entitled "Acquisition and Analysis of Data on Turbulent Boundary Layer Control by Passive Means." \$1,200.

Richard G. Carlton, Department of Biological Sciences. Research travel to Rhinelander, Wisconsin, and Kalamazoo, Michigan, to conduct study on "In Situ Quantification of Oxygen and pH Dynamics in the Sediments of Lakes." \$400.

Dennis P. Doordan, Department of Architecture. Research travel to the National Aquarium in Baltimore, the Mystic Marine Life Aquarium in Mystic, Connecticut, the New England Aquarium in Boston, and Aquarium of the Americas in New Orleans. \$655.

Carlos Jerez-Farrán, Department of Romance Languages and Literatures. Research travel to Madrid to study the "Theatre of Federico Garcia Lorca." \$1,000.

Peter Moody, Department of Government and International Studies. Research travel to the International Faculty Development Seminar in Vietnam. \$1,357.

Maria-Rosa Olivera-Williams, Department of Romance Languages and Literatures. Research travel to Brazil for project on "The Imaginative Narrative as a Literary Genre: An Approach to Contemporary Women Fiction of the Southern Cone Countries." \$1,500.

James D. Peterson, Department of Communication and Theatre. Research travel to conduct study on two-color processes at the UCLA Film Archives. \$750.

Carl L. Stam, Department of Music. Research travel to New York to study "The Motets of Johann Sebastian Bach." \$262.

Warren Wong, Department of Mathematics. Research travel to Berkeley, California, for study of "Representations of Reductive Groups over Finite Fields." \$404.

11 awards - \$8,518

Jesse H. Jones Faculty Research Fund for 1990-91

Funded Proposals

Panos J. Antsaklis, Department of Electrical Engineering. Research in hybrid control systems. \$10,000.

Marijan Babic, Department of Civil Engineering. Discrete element modeling of subsurface processes. \$10,000.

Veronica Blasquez, Department of Chemistry. Identification of regulatory elements in the mouse Kappa immunoglobulin gene locus by chromatin hypersensitivity mapping. \$9,800.

Richard G. Carlton, Department of Biological Sciences. *In situ* quantification of oxygen and pH dynamics in the sediments of lakes. \$6,630.

Kimberly A. Gray, Department of Civil Engineering. Role of an attached algal mat in the fate of PCBs in artificial stream ecosystems. \$8,500.

John D. Halfman, Department of Earth Sciences. High-resolution analysis for cyclic climatic change during the past 9000 years, Lake Superior. \$9,610.

Michael Mossing, Department of Biological Sciences. The role of protein folding and dimerization in the DNA binding reaction of the Lambda Cro repressor. \$8,956.

Clive R. Neal, Department of Earth Sciences. The petrogenesis of Apollo 12 basalts and implications for lunar evolution. \$9,946.

William M. Ramsey, Department of Philosophy. Exploring the philosophical implications of common sense conceptions of the mind. \$4,558.

Robert L. Stevenson, Department of Electrical Engineering. Reliable parameter estimation for three dimensional vision. \$9,750.

The Graduate School Research Division

Jesse H. Jones Faculty Research Equipment Fund for 1990-91

Funded Proposals

Biswajit Das, Department of Electrical Engineering. Low temperature testing of semiconductor nanodevices. \$19,755.

John D. Halfman, Department of Earth Sciences. Acquisition of a conductivity, temperature, turbidity, and depth profiler. \$17,230.

Clive R. Neal, Department of Earth Sciences. Acquisition of two laminar flow and HF/perchloric acid capable fume hoods. \$18,390.

Zahm Research Travel Fund Awards for 1990-91

The Graduate School announces the following awards from the Zahm Research Travel Fund for the period July 1, 1990, through June 30, 1991.

Paul W. Child III, Department of English. British Medical Literature of the Early Eighteenth Century, Specifically the Popular Medical Treatise of the Sort Written By Dr. George Cheyne (1671-1743). London, England. \$750.

Miguel I. Fadul, Department of Economics. Government, Private Voluntary Organizations and the Assistance of Small Economic Units in Columbia: An Institutional Approach. Columbia. \$1,000.

Volker K. Frank, Department of Sociology. The Chilean Labor Unions in the Transition to Democracy. Chile. \$1,300.

Alan R. Gibson, Department of Government and International Studies. The Development of the Modern Conception of Public Opinion and the Origins of Pluralistic Democracy. San Marino. \$300.

Kenneth M. Kemner, Department of Physics. Extended X-Ray Absorption Fine Structure Studies of Quaternaries. Upton, New York. \$75.

Rev. Jeffrey M. Kemper, Department of Theology. The Policies and Procedures of the Transition and Composition of Liturgical Texts by the International Commission on English in the Liturgy. Washington, D.C. \$279.

Bret A. Kincaid, Department of Government and International Studies. The Effect of Presidential Leadership in Congressional Foreign Policymaking. Abilene, Kansas; Boston, Massachusetts; and Atlanta, Georgia. \$594.

Randall L. Kolar, Department of Civil Engineering. Studies of Ground Water Pollution Control. The Netherlands. \$611.

Jongtae Lee, Department of Electrical Engineering. Research on the Synthesis, Characterization, and Properties of Nanophase Materials Produced by Solid State Processing. Illinois. \$200.

Michael Moriarity, Department of Theology. The Associated Parishes for Liturgy and Mission (A.P.). Washington, D.C., and Austin, Texas. \$500.

Jina Paik, Department of Sociology. The White Collar Labor Movement and the Transition to Democracy in South Korea. South Korea. \$1,400.

Nancy R. Powers, Department of Government and International Studies. Political Ideas in a New Democracy: A Micro-Level Study of Argentina's Response to Economic Crisis. Argentina. \$2,000.

Ann Tabor-Morris, Department of Physics. Extended X-Ray Absorption Fine Structure Studies of Interface Dependent Thin Films. Upton, New York. \$75.

Michael D. Travis, Department of Economics. Lemons, Complaints and Warranties: An Economic Analysis of Dispute Resolution in the Automobile Industry. Connecticut; Maine; Vermont; Massachusetts; New York; New Jersey; Washington; D.C.; Hawaii; Texas; Florida; and Washington. \$1,000.

Jason S. Van Lieshout, Department of Biological Sciences. An Immunofluorescent Study of the Behavior of Interstitial Stem Cells During Embryogenesis. North Carolina. \$400.

Zihai Wang, Department of Physics. Extended X-Ray Absorption Fine Structure Studies of Ferroelectrics. Upton, New York. \$75.

The Graduate School Research Division

Current Publications and Other Scholarly Works

Current publications should be mailed to the Research Division of the Graduate School, Room 312, Main Building.

COLLEGE OF ARTS AND LETTERS

Art, Art History & Design

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- C.E. Adcock. 1991. James Rosenquist y el Arte Pop. Pages 11-26 *in*, James Rosenquist (Exhibition Catalogue). Instituto Valenciano de Arte Moderno (I.V.A.M.), Centre Julio Gonzalez, Valencia, Spain.
- C.E. Adcock. 1991. Arte nel deserto Americano. *Tema Celeste (Italian Edition)* no. 31:62-66.
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- K.S. Kim and S.M. Tareq. 1991. Foreign Trade, Employment and Income Distribution - The Case of Bangladesh. *International Economic Journal* 5(2):63-76.

Government and International Studies

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- A.K. Dowty. 1991. Israel: The Deadlock Persists. *Annual Editions: Comparative Politics* 91/92 9:228-233.
- A.K. Dowty. 1991. Review of Michael Marrus, *The Unwanted: European Refugees in the Twentieth Century* (Oxford University Press, 1985). *Studies in Contemporary Jewry* 7(1991):355-357.

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- A.S. Walicki. 1991. Notes on Jaruzelski's Poland. Pages 335-392 *in*, F. Fehev and A. Arato, eds., *Crisis and Reform in Eastern Europe*. Transaction Publishers, New Brunswick, New Jersey.

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- S.M. Fallon. 1991. *Milton Among the Philosophers: Poetry and Materialism in Seventeenth-Century England*. Cornell University Press, Ithaca and London, New York. xi + 264 pp.
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The Graduate School Research Division

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K.J. Christiano. 1991. Review of Steeples and Stacks: Religion and Steel Crisis in Youngstown, by Thomas G. Fuechtmann. *Records of the American Catholic Historical Society of Philadelphia* 102(1-2):73-74.

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Cushwa Center of American Catholicism

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- Creary, Xavier
X. Creary and T. Aldridge. 1991. Variable Electronic Properties of the CSNMe₂ Group. *The Journal of Organic Chemistry* 56:4280-4285.
- Miller, Marvin J.
See under Pasto, Daniel J. 1991. Experiments and Techniques in Organic Chemistry. Prentice-Hall, Incorporated, a Division of Simon and Schuster, Englewood Cliffs, New Jersey. pp. 545.
- F. Farouz and M.J. Miller. 1991. Facile Syntheses and Rearrangements of Peptide Derived β -Lactams. *Tetrahedron Letters* 32(26):3305-3308.
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COLLEGE OF BUSINESS ADMINISTRATION

Marketing Management

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The Graduate School Research Division

Awards Received and Proposals Submitted

AWARDS RECEIVED

In the period July 1, 1991, through July 31, 1991

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	8	880,307	23	1,270,283	31	2,150,590
Facilities and Equipment	1	7,000	1	26,125	2	33,125
Instructional Programs	0	0	0	0	0	0
Service Programs	0	0	6	203,049	6	203,049
Other Programs	<u>0</u>	<u>0</u>	<u>3</u>	<u>57,784</u>	<u>3</u>	<u>57,784</u>
Total	9	887,307	33	1,557,241	42	2,444,548

PROPOSALS SUBMITTED

In the period July 1, 1991, through July 31, 1991

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	2	629,091	12	6,576,599	14	7,205,690
Facilities and Equipment	0	0	0	0	0	0
Instructional Programs	0	0	1	232,428	1	232,428
Service Programs	0	0	0	0	0	0
Other Programs	<u>0</u>	<u>0</u>	<u>1</u>	<u>5,000</u>	<u>1</u>	<u>5,000</u>
Total	2	629,091	14	6,814,027	16	7,443,118

The Graduate School Research Division

Awards Received

In the period July 1, 1991, through July 31, 1991

Department or Office	Principal	Short Title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Aerospace and Mechanical Eng.	Nelson	Dynamic Stall	McDonnell Aircraft Co.	34,893 12
Aerospace and Mechanical Eng.	Batill	Digital Data Processing for Flight Flutter Testing	NASA - Ames Research Center	30,000 12
Biological Sciences	Lodge	Food Webs and Nutrients: Benthic Community Responses	National Science Foundation	80,023 12
Biological Sciences	Craig	Repellency Tests	Albert Labs	5,000 12
Biological Sciences	O'Tousa	Genetic Analysis of Retinal Degeneration in <i>Drosophila</i>	Natl. Institute of Health	129,606 12
Civil Eng. and Geological Science	Babic	Discrete Element Modeling of Subsurface Processes	Amer Chem Soc Petro Res Fund	21,000 25
Civil Eng. and Geological Science	Gray, K.	Presidential Young Investigator Award	National Science Foundation	62,500 12
Civil Eng. and Geological Science	Silliman	Development of Wellhead Protection Manual	Public Works Department	10,000 18
Civil Eng. and Geological Science	Michel, Gray, W.	RFP 91.47DH.018 Argonne	Argonne National Laboratory	15,000 14
Chemical Engineering	Leighton	Presidential Young Investigator Award	National Science Foundation	61,259 61
Chemical Engineering	Brennecke	Presidential Young Investigator Award	National Science Foundation	62,500 12
Chemistry and Biochemistry	Castellino	Structure-Function Studies on Plasminogen and Plasmin	Natl. Institutute of Health	297,651 12
Chemistry and Biochemistry	Chibber	Amyloid Fibril Formation	Eli Lilly Company	140,107 24
Chemistry and Biochemistry	Fehlner, Wolf	Alloy Thin Films	National Science Foundation	156,000 12
Center for Study of Cont. Society	Leege	A Lamp Under a Bushel	Lilly Endowment Inc.	7,392 9
Center for Study of Cont. Society	Leege	Public Moral Discourse in the United States	Lilly Endowment Inc.	70,395 14

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Economics	Ghilarducci	Pension Funds and the Financial System	U.S. Department of Labor	10,000 10
Electrical Engineering	Choudhary, Ruggiero	Study of Composition Modulation in High-Temp Superconductors	Purdue University	108,000 12
Electrical Engineering	Alcock	Dev. of Oxygen and pH Sensors for Aqueous Systems	Electric Power Research Inst.	90,707 12
Electrical Engineering	McGinn	Microstructural Dependence of J_c in YBCO	Purdue University	119,999 12
Electrical Engineering	Costello, Mills	Award for Creativity in Engineering	National Science Foundation	30,000 24
Mathematics	Stoll, Wong	Theory of Several Complex Variables	National Science Foundation	46,592 12
Mathematics	Knight	Recursive Model Theory	National Science Foundation	37,200 24
Mathematics	Buechler	Geometrical Studies of Superstable Theories	National Science Foundation	24,500 24
Mathematics	Shaw, Himonas	Partial Differential Equations and SCV	National Science Foundation	48,656 12
Mathematics	Wilczynski	Topology of 4-dimensional Manifolds	National Science Foundation	42,000 24
Physics	Kolata	Grant Supplement Request PHY88-02279	National Science Foundation	11,025 12
Physics	Blackstead	Microwave Dissipation in High Temperature Superconductors	Purdue University	80,000 12
Physics	Tomasch, Furdyna	Infrared Magneto-Dissipation in High-T	Purdue University	132,066 12
Program of Liberal Studies	Crowe, Turpin	Calendar of the Correspondence of Sir John Herschel	National Science Foundation	66,519 18
Sociology	Glass	Work Conditions, Pregnancy, and Employment Continuity	National Science Foundation	120,000 36

AWARDS FOR FACILITIES AND EQUIPMENT

Chemical Engineering	Wolf	Atomic Force and Scanning Tunneling Microscopes	National Science Foundation	26,125 12
Physics	Aprahamian	Supplement for Data Acquisition Hardware	National Science Foundation	7,000 24

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AWARDS FOR SERVICE PROGRAMS

Center for Educ. Opportunity	Outlaw, Smith, et al.	Educational Talent Search	Department of Education	196,884 12
ND Center for Pastoral Liturgy	Bernstein	Center for Pastoral Liturgy	Various Others	3,293 1
ND Center for Pastoral Liturgy	Bernstein	Center for Pastoral Liturgy/ Publications	Various Others	1,394 1
Inst. Pastoral Social Ministry	Pelton	IPSM/Directors Account	Various Others	225 1
Inst. Pastoral Social Ministry	Pelton	IPSM/Dynamic Parish	Various Others	1,130 1
Latin/N. American Church Concerns	Pelton	IPSM/LANACC	Various Others	123 1

AWARDS FOR OTHER PROGRAMS

College of Arts and Letters	Wright	Patricia Roberts Harris Fellowship Program	Department of Education	45,333 12
Aerospace and Mechanical Eng.	Gad-el-Hak	Compliant Coating	Department of the Navy	7,451 5
Center for Applied Mathematics	Atassi	Symposium on Unsteady Aerodynamics	NASA - Lewis Research Center	5,000 12

Proposals Submitted

In the period July 1, 1991, through July 31, 1991

Department or Office	Principal	Short Title	Sponsor	Dollars Months
PROPOSALS FOR RESEARCH				
Aerospace and Mechanical Eng.	Nelson, Jumper	Theoretical Study of Vortex Breakdown	Department of the Air Force	218,879 36
Biological Sciences	Esch	Test of Dance Language Hypothesis With a Model Bee	National Science Foundation	448,349 36
Biological Sciences	Kulpa, Boopathy	Bacterial Degradation of Explosives	Department of the Army	428,290 36
Biological Sciences	Kulpa, Boopathy	Anaerobic Digestion of Nitro Aromatics and Furans	WPCF Research Foundation	321,746 37

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Civil Eng. and Geological Science	Halfman	Geochronologic Controls of Paleoclimatic Signals Lk. Turkana	Natl. Geographic Society	39,775 12
Civil Eng. and Geological Science	Michel, Gray, W.	RFP 91.47DH.018 Argonne	Argonne National Lab.	22,305 13
Chemical Engineering	Varma	Optimal Distribution of Catalyst for Ethylene Epoxidation	National Science Foundation	157,282 24
Chemistry and Biochemistry	Chibber	Amyloid Fibril Formation	Eli Lilly Company	169,432 24
Communication and Theatre	Barkes	5-Week Theatre Residency and Collaboration	Arts Partners Program	148,847 1
Electrical Engineering	Porod, Bernstein	Scanning Tip Lithography for Nanofabrication	Department of the Navy	3,005,636 36
Physics	Shepherd, Cason, et al.	Experimental Research in Elementary Particle Physics	National Science Foundation	1,605,532 36
Physics	Cushing	"Copenhagen" Hegemony	National Science Foundation	10,526 4
Physics	Bunker	XAFS Studies of Semiconductor Microstructure	Department of the Navy	240,000 24
Physics	Furdyna, Giebultowicz, et al.	Neutron Studies of Magnetic Semiconductor Heterostructures	National Science Foundation	389,091 36

PROPOSALS FOR INSTRUCTIONAL PROGRAMS

O.S.I.P.A.	Borelli, Smith	CANDAX McNair Project	Department of Education	232,428 15
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PROPOSALS FOR OTHER PROGRAMS

Center for Applied Mathematics	Atassi	Symposium on Unsteady Aerodynamics	NASA - Lewis Research Center	5,000 12
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Notre Dame

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