

NOTRE DAME REPORT

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JANUARY 31, 1997 • NUMBER 10

Woo Named Dean of the College of Business Administration

Carolyn Woo, currently associate executive vice president for academic affairs and professor of management at Purdue University, has been named the new dean of the College of Business Administration.

Woo, who will assume her duties this August, will occupy both the Martin J. Gillen deanship of the college and the newly established Raymond and Milann Siegfried Chair in Entrepreneurial Studies. She will succeed John G. Keane, who will continue in the college as Korth Professor of Strategic Management after serving as dean since 1989.

Woo will become the second woman dean of a college at Notre Dame. She currently would be the only woman business dean at a private university and one of only nine women deans of accredited U.S. business colleges.

As associate executive vice president for academic affairs at Purdue since 1995, Woo has played a leading role in strategic planning at the university and has coordinated the continuous improvement program for all schools and departments. At the same time, she has continued both to teach and to direct doctoral students in the Krannert Graduate School of Management and to pursue her current research, into the transformation of business to total quality organizations, under a grant from the National Science Foundation.

A native of Hong Kong, Woo was educated there through secondary school by the Maryknoll sisters. She is the holder of three degrees from Purdue, beginning with a bachelor of science degree in economics, conferred with honors and highest distinction in 1975. Woo was awarded a master of science in industrial administration degree and named a Krannert Scholar in 1976 and earned her doctorate in strategic management in 1979.

Woo joined the Purdue faculty in 1981, earning promotion to associate professor in 1985 and to professor in 1991. She served as director of professional M.S. programs in the Krannert graduate school from 1993 to 1995. Woo won Purdue's Salgo-Noren Award for outstanding teaching in the master's program in 1987 and received honorable mention for the award in 1985, 1986 and 1989. She also ranked as "top instructor" in various executive education programs each year from 1991 to 1994.

Within the overall area of strategic management, Woo's specific interests include entrepreneurship, technological innovation, and corporate and competitive strategy analyses. She has published widely on these and other

topics and has received numerous "best paper" awards in recognition of her research. She has served on the editorial boards of a number of scholarly publications, including the *Journal of Management*, the *Journal of Business Venturing*, and the *Strategic Management Journal*. She is a member of the Strategic Management Society and the Operations Research Society of American and served as president of the Business Policy and Planning Division of the Academy of Management. She has engaged in consulting for a number of corporate and other organizations including Eli Lilly, General Electric, Motorola, Pratt and Whitney, and the Catholic schools of the Diocese of Lafayette, Ind.

London Centre Programs Move to Suffolk Street

Notre Dame's study abroad programs will be relocated in 1998 to Nos. 1-4 Suffolk Street on the northwest corner of Trafalgar Square. The University recently purchased an 85-year lease on the building.

The London Centre programs — offered by the Law School, the Master's of Business Administration Program, the College of Arts and Letters and the College of Engineering — have been housed since 1981 at 7 Albemarle Street in a building with limited space for expansion and a lease that expires this year. In order to accommodate the increasing number of Notre Dame students seeking to study in London, and consistent with its goal to expand its international studies programs, the University decided to relocate the programs to a larger facility.

Constructed in 1906, the 1-4 Suffolk Street building originally served as the home of the Oxford and Cambridge Men's Club and most recently was occupied by the British School of Osteopathy. With 27,000 square feet of usable space, the Suffolk Street building provides more than twice the space of the current building and will accommodate all of the University's classroom, computer, recreational and library needs. Prior to occupancy by the London Centre programs, the building will be completely renovated and equipped with modern teaching technology.

Located in the heart of London, the building stands next to the National Gallery and National Portrait Gallery and is on the periphery of the theatre district. Buckingham Palace and Downing Street are a 10-minute walk to the west and the city's legal center is the same distance to the east. Public spaces such as St. James Park, Waterloo Gardens, the Embankment Gardens and the River Thames are less than a five-minute walk. Library facilities are close by and the area includes numerous bookshops, pharmacies and eating establishments.

FACULTY NOTES

Honors

Robert L. Amico, professor of architecture, and I-Kwang Chang, assistant professor of architecture, are fellowship recipients selected by the national awards program of the American Institute of Architectural Research and the Federal Emergency Management Agency for the Faculty Institute on Teaching Seismic Design in San Francisco, Calif., Jan. 31–Feb. 3.

Thomas P. Bergin, director emeritus of continuing education and professor emeritus of management, has received a "Sagamore of the Wabash" award after completing a six-year term on the Indiana Humanities Council.

Scott D. Bridgham, assistant professor of biological sciences, was named associate editor of the journal *Wetlands*.

Steven A. Buechler, associate dean of science and professor of mathematics, has been honored with one of 50 Generations of Success Awards from Belleville (Ill.) Area College. Created as part of the college's 50th anniversary, the award recognizes the professional and civic achievements of outstanding alumni.

Carolyn M. Callahan, associate professor of accountancy, completed a two-year term as a member-at-large of the Executive Council of the American Accounting Association. She was appointed to serve on the National Competitive Manuscript Award Selection Committee of the American Accounting Association. The charge of the committee is to review research manuscripts across all analytical and empirical paradigms and to select the recipient(s) of the Competitive Manuscript Award.

Anthony N. Michel, McCloskey dean of engineering and Freimann professor electrical engineering, was appointed vice president for conference activities of the IEEE Control Systems Society for 1997. He was appointed associate editor at large of the *IEEE Transactions on Automatic Control* for 1997.

Clive R. Neal, associate professor of civil engineering and geological sciences, has been elected to the National Aeronautics and Space Administration's committee on "Curation and Analysis Planning Team for Extraterrestrial Materials" for a three-year period effective March 1997.

Andrzej Walicki, O'Neill professor of history, received as a co-recipient the AAASS' 1996 Wayne S. Vucinich Book Prize.

Activities

Klaus-Dieter Asmus, director of the Radiation Laboratory and professor of chemistry and biochemistry, gave the invited lecture "Strahlenchemische und komplementäre photokatalytische Untersuchungen zum Radikal-induzierten Abbau halogenierter organischer Verbindungen" at the Institute for Solar Energy Research in Hannover, Germany, Sept. 26. He chaired a session at the German Radiation Chemistry Conference in Grimma, Germany, Sept. 26. He gave the invited talk "Radiation Chemical and Photocatalytic Degradation of Halogenated Organic Acids and Related Compounds" at the third international conference on Advanced Oxidation Technologies in Cincinnati, Ohio, Oct. 27. He served on the review committee of the Cancer Research Campaign at Gray Laboratory of Mount Vernon Hospital in Northwood, Middlesex, U.K., Oct. 29–31. He presented "Radiation Chemistry — A Tool to Obtain Accurate Data on Short-lived Chemical Intermediates and Insight into Chemical Reaction Mechanisms" at the fifth annual meeting of the Council on Ionizing Radiation Measurements and Standards in Gaithersburg, Md., Nov. 12–15.

Gail Bederman, assistant professor of history, served as a commentator for a panel on "Religion and Gender in Urban America" at the American Society of Church History annual meeting in New York, N.Y., Jan. 5.

Doris Bergen, assistant professor of history, presented "Jewish Identity Among Children and Grandchildren of Holocaust Survivors" to the International Society for the Study of European Ideas in Utrecht, The Netherlands, Aug. 21. She presented "Sarah and Israel: The Bible and the Definition of 'Jews' in Nazi Germany" at the German Studies Association Conference in Seattle, Wash., Oct. 11. She gave the lecture "'Race and Space': The Inseparability of the Holocaust and the War" to the Southern Historical Association annual meeting in Little Rock, Ark., Nov. 1.

Scott D. Bridgham, assistant professor of biological sciences, gave the invited seminar "Climate Change Impacts on Northern Peatlands" at the Argonne National Laboratory in Chicago, Ill., Dec. 17.

Carolyn M. Callahan, associate professor of accountancy, presented "Earnings Predictability, Information Asymmetry, and Market Liquidity" co-authored with John Affleck-Graves, associate professor of finance and business economics, and Niranjana Chipalkatti at the Texas A & M University Invited Accounting Research Presentation in College Station, Tex., Nov. 15.

FACULTY NOTES

Fred R. Dallmayr, chairperson and Dee professor of government and international studies, presented a lecture on "Justice and Global Democracy" at the National University of Singapore, Nov. 12. He presented a lecture on "Beyond Orientalism: Reflections on Cross-Cultural Encounter" at Thammasat University in Bangkok, Thailand, Nov. 18. He gave a talk on "Liberation Theologies — East and West" at the Center for the Study of Developing Societies in Delhi, India, Nov. 19. He lectured on "Nationalism in South Asia" at Jawaharlal Nehru University in Delhi, India, Nov. 20. He presented a talk on "Global Liberation Perspectives" at the MS University in Baroda, India. Dallmayr presented lectures on "Jnanadev and the Warkari Movement" and "Secularism" in the context of a World Philosophers Meeting held in Pune, India, Nov. 24–30. He presented a lecture on "Liberation Perspectives" at a conference held at the Madras Institute of Development Studies in Madras, India, Dec. 5. He gave the talk "Modernity and Postmodernity" at the University of Madras in Madras, India, Dec. 6.

Roberto DaMatta, Joyce professor of anthropology, and Argentine political scientist Felix Peña organized an international meeting on "The Mercosul and the South American Cultural Integration: Beyond Economics," in which leading intellectuals from Argentina, Uruguay, Paraguay, Chile and Bolivia discussed the prospects of producing an agenda for future cultural programs among these countries in Fortaleza, Ceara State, Brazil, Dec. 13–14. They formally presented the recommendations of the conference to the presidents of Brazil, Argentina, Uruguay, Paraguay and Chile, Dec. 17. DaMatta presented a paper on "Mercosul Trade Agreement and Society: Reflections on Economic and Cultural Exchange" at that meeting.

William G. Dwyer, Hank professor of mathematics, gave an invited talk titled "The Mod 2 Cohomology of $GL(n, \mathbb{Z}[1/2])$ " in the special session on Homotopy Theory held at the winter meeting of the American Mathematical Society in San Diego, Calif., Jan. 9–11.

Mohamed Gad-el-Hak, professor of aerospace and mechanical engineering, served as a member of the Executive Council which organized the sixth international congress on Fluid Dynamics and Propulsion in Cairo, Egypt, Dec. 29–30. He chaired a session on Turbulent Flows and presented the invited talk "Turbulence: The Taming of the Shrew" at that same congress.

Paul R. Grimstad, assistant chairperson and associate professor of biological sciences, presented the poster "Prenatal Bunyavirus Transmission in Mice and the Associated Birth Defects" co-authored with Wendi L. Nowicki, Bayer Laboratories, Elkhart, Ind., at the annual meeting

of the American Society of Tropical Medicine and Hygiene in Baltimore, Md., Dec. 1–5. He gave the invited talk titled "*Anopheles* as Vectors of Arboviruses in the Midwest" at the symposium on Recent Trends in Research on Mosquito-Borne Viruses held during the annual meeting of the Entomological Society of America in Louisville, Ky., Dec. 8–12.

Bei Hu, associate professor of mathematics, gave a colloquium talk titled "Free Boundary Homogenization and Optimal Control" at the Department of Mathematics at the University of Pittsburgh in Pittsburgh, Pa., Jan. 10.

Thomas J. Mueller, Roth-Gibson professor of aerospace and mechanical engineering, presented a seminar titled "Aerodynamic Evaluation of Micro Air Vehicles" at the U.S. Navy, Naval Research Laboratory, in Washington, D.C., Dec. 17.

Clive R. Neal, associate professor of civil engineering and geological sciences, presented the paper "Addressing Heterogeneous Distribution and Trace Abundances of Platinum Group Elements (GPEs) and Gold (Au) in Silicate Rock Matrixes: Quantitative Analyses Using Ultrasonic Nebulization — Inductively Coupled Plasma-Mass Spectrometry (USN-ICP-MS)" at the fall meeting of the American Geophysical Union in San Francisco, Calif., Dec. 14–19. He presented the papers "Origin of the Ontong Java Plateau (OJP) at the Core Mantle Boundary Platinum Group Element (PGE) and Gold (Au) Evidence" and "Formation of the Ontong Java Plateau (OJP) from a Rising Plume Head: Modeling Crustal Structure" at that meeting.

Alvin Plantinga, O'Brien professor of philosophy, gave lectures titled "An Evolutionary Argument Against Naturalism" and "On Christian Scholarship" at the University of Wisconsin in Madison, Wis., Oct. 3. He lectured on "Naturalism Defeated" at the University of Wisconsin in Madison, Wis., Oct. 4. He lectured on "An Evolutionary Argument Against Naturalism" and "Naturalism Defeated" at the University of Virginia in Charlottesville, Va., Oct. 24–25. He lectured on "Two Kinds of Scripture Scholarship" at Westmont College in Santa Barbara, Calif., Nov. 14.

Dean A. Porter, director of the Snite Museum of Art and professor of art, art history and design, gave the lecture "On Collecting American Art at Notre Dame" at the Fort Wayne Museum of Art in Fort Wayne, Ind., Nov. 19. He lectured on "The Rise and Fall of Walter Ufer and the Taos Art Colony" at the J.B. Speed Museum of Art in Louisville, Ky., Dec. 10.

FACULTY NOTES

Mark W. Roche, Joyce professor of German language and literature, presented "Concert Comments on Richard Strauss, Also sprach Zarathustra" with Tsung Yeh at the South Bend Symphony in South Bend, Ind., Sept. 21. He gave the lectures "The Doctoral Colloquium as a Community of Learning and a Forum for Professional Development" and "Hegel, the Drama of Reconciliation, and German Literature in the Age of Idealism" at the annual meeting of the Modern Language Association in Washington, D.C., Dec. 28-29. He served as a member of an External Review Evaluation Committee for the Department of German, Dutch, and Scandinavian at the University of Minnesota in Minneapolis, Minn., Nov. 18-19.

Peter E. Schiffer, assistant professor of physics, gave the invited talk "New Frustration in an Old System: Low Temperature Magnetism in Gadolinium Gallium Garnet" at the Institute of Physics, Condensed Matter and Materials Physics Conference in York, England, Dec. 19.

Esther-Mirjam Sent, assistant professor of economics, presented the paper "The Need for a New Economics of Science," served as a discussant in sessions on "Outside Variables as Determinants of Methodology" and "Game Theory in Historical Perspective," and chaired the session on "Game Theory in Historical Perspective" during the Allied Social Science Association meetings in New Orleans, La., Jan. 4-6.

Billie F. Spencer Jr., professor of civil engineering and geological sciences, gave an invited presentation entitled "Magnetorheological Dampers: A New Approach to Seismic Protection of Structures" at the IEEE Conference on Decision and Control in Kobe, Japan, Dec. 11-13. He gave an invited lecture titled "Structural Dynamics and Control with Matlab" in the Department of Architectural Engineering at Waseda University in Tokyo, Japan, Dec. 12. Spencer chaired a session titled "New Development in Structural Control Devices" and served as the recorder for the Working Group on Building Control at the second international workshop on Structural Control: Next Generation of Intelligent Structures in Hong Kong, Dec. 18-21. He co-authored the presentations "Seismic Response Control Using Multiple MR Dampers" and "Magnetorheological Fluid Dampers: Scalability Issues for Application to Dynamic Hazard Mitigation" at that workshop.

Andrzej Walicki, O'Neill professor of history, delivered a paper on "Marxist Communism as a Conception of Freedom" at the fifth world congress of Christian Philosophy on Freedom in Contemporary Culture at the Catholic University of Lublin, Poland, Aug. 20-25. He gave a public lecture on "Attitudes Towards Catholicism in Russian Thought: From Chaadaev to Soloviev" at the Institute for Human Sciences in Vienna, Austria, Oct. 22.

Erhard M. Winkler, professor emeritus of civil engineering and geological sciences, presented the papers "Buttressed Expansion in Granitic Rocks in the Field and on Buildings" and "Cleopatra's Needle (Egyptian Obelisks) Complex History of Weathering and the Physical Decay of Granites" at the fourth international colloquium on Materials Science and Restoration in Essiupen, Germany, Dec. 17-19.

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

Nominations are requested for the James A. Burns, C.S.C., Graduate School Award, given annually to a faculty member for distinction in graduate teaching or other exemplary contributions to graduate education. This honor will be presented at the President's Dinner for the faculty in May, and the recipient will receive a citation and cash prize.

The first Notre Dame president with an advanced degree, a doctorate from the Catholic University of America, James Aloysius Burns was the leading reformer of Catholic education in this country in the first quarter of the 20th century. Fr. Burns had a deep personal commitment to graduate education, and when he became Notre Dame's president in 1919, a year after the formal beginning of graduate education here, he was determined to make this a genuine university. One of his most significant contributions was to raise academic standards by recruiting faculty with doctoral degrees.

Questions and letters of nomination should be addressed to James L. Merz, Vice President for Graduate Studies and Research, 312 Main Building, and must be received by March 7. Letters of nomination must be accompanied by a copy of the nominee's curriculum vitae.

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

1989-90	Rev. Ernan McMullin
1990-91	Lawrence Marsh
1991-92	Wilhelm Stoll
1992-93	Scott Maxwell
1993-94	Joan Aldous
	Francis J. Castellino
1994-95	Robert C. Johansen
	Kwang-tzu Yang
1995-96	Jeanne D. Day

Special University Awards

Nominations are requested for the three special awards as well as sufficient background material and/or documentation to support the candidate's nomination. Selection is based on the letter and materials submitted by the nominator. Nominations should be sent to Nathan Hatch, Provost, 202 Main Building, by Friday, March 7, to be forwarded to the selection committees. Award winners will be honored at the President's Dinner in May.

Faculty Award

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

Faculty Award Winners Since 1960

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

Reinhold Niebuhr Award

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

Reinhold Niebuhr Award Winners Since 1973

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

Grenville Clark Award

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

Grenville Clark Award Winners Since 1979

1979	Peter Walshe
1980	James and Mary Ann Roemer
1981	Sr. Judith Ann Beattie, C.S.C.
1982	Kenneth W. Milani
1983	Peggy Roach
1984	The Notre Dame Legal Aid and Defender Association
1985	Cecil and Mary Mast
1986	Rev. Robert F. Griffin, C.S.C.
1987	Conrad Kellenberg
1988	D'Arcy Chisholm and David Link
1989	Lloyd and Shelley Ketchum Kevin and Kathy Misiewicz
1990	Peter Morgan and Sr. Annette Giarrante, O.S.F.
1991	Kathleen Maas Weigert and Dolores Tantoco-Stauder
1992	Rev. H. Thomas McDermott, C.S.C.
1993	Michael and Christine Etzel
1994	Bro. Bonaventure Scully, C.F.X.
1995	Eugene J. McClory
1996	Jennifer A. Morehead Matthew Fitzgerald

University Committee on Libraries November 26, 1996

The meeting was called to order at 7 a.m. at the Morris Inn by Director of Libraries Robert C. Miller. Also in attendance were Harvey Bender, Leo Despres, John Halloran, Christopher Hamlin, Roger Jacobs, Alan Krieger, Larry Rapagnani, Steven Schmid and secretary Melodie Eiteljorge.

Robert Miller reported that all the elected and ex officio members of the committee have been selected except the representative for architecture and fine arts. There are also two student representatives to be selected, an undergraduate and a graduate student. It is the committee's responsibility to determine a method for selecting the student representatives. Miller proposed that the committee contact the academic commissioner through the Intellectual Life Department and the library representative of the Graduate Student Union. It was agreed that this is appropriate and that Miller should follow through with calls to these students.

Miller noted that the committee's charge has changed. It is as follows:

The University Committee on Libraries reviews policies and practices relating to library resources and services and provides oversight of the development of the libraries. It constitutes a principal interface between the campus units responsible for providing information resources and services, and it also serves as a communications link between the libraries and the University community.

The committee consists of the director of University Libraries, the law librarian, the assistant provost for information technologies and 13 others: one elected by and from the teaching-and-research faculty of the Law School, from each of the colleges of business administration, engineering, and science, from each of the graduate divisions of humanities and social sciences, and from the School of Architecture together with the faculty in the fine and performing arts; one elected by and from the faculty of the University Libraries; three elected at large by and from the teaching-and-research faculty of the University; and two student members. Student members are selected annually according to procedures approved by the committee. Elected members serve staggered, three-year terms.

The committee annually elects a chair from the elected members. It meets at least twice each semester, publishes its approved minutes in *Notre Dame Report*, and reports annually to the Academic Council.

The next order of business was the selection of a chair for this year. Last year's chair, John Halloran, was asked if he would be willing to serve another term. He agreed and was elected unanimously.

The next order of business was a meeting schedule for next semester. Miller noted that the committee has tried to meet monthly in the past, though some have suggested that the committee should meet less frequently. After some discussion, it was decided that monthly meetings will be tentatively scheduled, though the committee will only meet if there are specific agenda items to discuss. It was agreed that the meetings will be held at 8 a.m. at the Morris Inn on the second Monday of each month. The tentative dates are: January 13, February 10, March 10, April 14, May 12 and June 9. An early agenda item will be the library budget, a draft of which will be submitted to the provost in early February. Miller noted that details of the budget will be finalized after the arrival of the new director.

Roger Jacobs asked about the status of space planning in the libraries. Miller replied that the project with Shepley Bulfinch Richardson and Abbott is on hold and that the focus for now is the relocation of non-library offices that are currently housed in the Hesburgh Library.

Steven Schmid asked about the committee's role in resolving space problems in the Engineering Library. He noted that several faculty members have approached him about this. Miller replied that former engineering librarian Sheila Curl, who left the University to accept a position at Purdue, was working on a number of ideas prior to her departure, including compact shelving for engineering. Though compact shelving is still one option being pursued, it would not provide significant improvement. Actually, the Engineering Library is in relatively good shape compared to Life Sciences, where there is a critical shortage of space. In addition, the Chemistry/Physics library has the same amount of space as when it was first opened, and it also has structural problems. The Architecture Library will be a new facility when the renovation of the Architecture Building is completed; and the Math Library has expanded. The expansion of Math was based on the fact that the department made it a priority. This has not been the case with the other libraries.

Schmid stated that it would be interesting to see a comparison of our Engineering Library's budget to those of peer institutions like MIT, Cal Tech or Berkeley. Miller replied that there is no comparative data, though he is certain our total engineering library budget is much less, perhaps half, of those named. A number have much larger facilities with three or four librarians. We are in the process of searching for an engineering librarian. It might be a good idea to ask the new librarian to put together some data.

DOCUMENTATION

John Halloran asked about the Colloquy's recommendations for physical facilities for the branch libraries. Miller replied that the issue was not directly addressed. Larry Rapagnani stated that a review of space allocated to sciences relative to the new building is under way at this time. This will include engineering.

Schmid added that some of his colleagues are concerned that schools like the University of Chicago have much larger engineering libraries than Notre Dame's. Miller replied that the Crerar Library at the University of Chicago encompasses all the sciences. Harvey Bender added that the Crerar was a free standing library before it was taken over by the University of Chicago and that it was not developed by the University.

Halloran suggested that space problems in the branches might be a good agenda item for a meeting sometime next semester. Miller suggested that this be approached with the new director. Jacobs added that the deans, who are scheduled to meet with director of library candidates, should discuss the branch space problems with the candidates.

Schmid next asked about the status of Lexis/Nexis. Miller replied that Lexis/Nexis started out as a product for the law profession, and their market is still law and business. They are presently in the process of changing their price structure, and this will create problems. Right now only faculty and students may use Lexis/Nexis, and only for classroom work, not personal or business use. With the new price structure, libraries will be paying much more, and apparently will be restricted from using the product between 10 a.m. and 6 p.m.

In referring back to space problems in the branch libraries, Jacobs asked if there is any relief in the fact that products are now available in digitized format. Miller replied that there are some archiving issues to consider. In addition, faculty have tended to want both formats. Bender added that the cost of digitized products is becoming increasingly higher.

Alan Krieger asked Miller: If a maximum recovery of space in the Hesburgh Library is achieved, how many years should that give us until we are once again at capacity? Miller replied that he would estimate until somewhere between 2010 and 2015, although this depends on the disposition of backfiles, on what happens in sciences and engineering, and on various other contingencies. It also depends on whether compact storage in the basement of the Hesburgh Library is public or serviced.

There being no further business, the meeting adjourned at 8:10 a.m.

Respectfully submitted,

Melodie G. Eiteljorge
Secretary

THE GRADUATE SCHOOL OFFICE OF RESEARCH

Current Publications and Other Scholarly Works

COLLEGE OF ARTS AND LETTERS

American Studies

- Weber, H. Ronald
H. R. Weber. 1996. Writing the northwoods. *Michigan History* 80 (6): 52-55.

Economics

- Goulet, Denis A.
D. Goulet. 1997. Authentic development: Is it sustainable? *Presbyterian Church: (USA), Church & Society* (January/February): 20-31.
D. Goulet. 1996. Hacer efectiva la etica en el campo del Desarrollo. *Etica y Desarrollo*, Mexico City: Centro Lindavista 23-28.
Marsh, Lawrence C.
L. C. Marsh and K. L. Wells. 1997. Key aspects of a computerized statistics course. *Journal of Computing in Higher Education* 8 (2): 72-93.
Sent, Esther-Mirjam
E-M. Sent. 1996. Review of Beyond rhetoric and realism in economics: Towards a reformulation of economic methodology, by T. A. Boylan and P. F. O'Gorman. *Journal of Economic Literature* 34 (4): 1946-1947.

English

- Walvoord, Barbara E.
B. E. Walvoord, L. Lawrence Hunt, H. F. Dowling Jr. and J. D. McMahon. 1997. In the long run. In *A study of faculty in three writing-across-the-curriculum programs*, ed. NCTE Editorial Board, 168. Urbana, Ill.: National Council of Teachers of English.

First Year Composition and Literature

- Crowe, Marian E.
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Philosophy

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COLLEGE OF SCIENCE

Biological Sciences

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THE GRADUATE SCHOOL OFFICE OF RESEARCH

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Physics

Kolata, James J.

See under Radiation Laboratory; LaVerne, Jay A. 1996. *Physical Review B* 54 (22): 15724-15729.

COLLEGE OF ENGINEERING

Aerospace and Mechanical Engineering

Powers, Joseph M.

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Civil Engineering and Geological Sciences

Winkler, Erhard M.

E. Winkler. 1996. Egyptian obelisks (Cleopatra's needles) of New York City and London — Environmental history and weathering. *International Journal for Restoration of Buildings and Monuments* 2 (6): 519-530.

Computer Science and Engineering

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Electrical Engineering

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RADIATION LABORATORY

Ferraudi, Guillermo J.

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OFFICE OF THE EXECUTIVE VICE PRESIDENT

Joyce, Edmund P., C.S.C.

See under German and Russian Languages and Literatures; Roche, Mark W. 1996. *German Quarterly* 69:199-200.

THE GRADUATE SCHOOL OFFICE OF RESEARCH

Awards Received and Proposals Submitted

In the period December 1, 1996, through December 31, 1996

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	3	339,029	12	477,814	15	816,843
Facilities and Equipment	0	0	0	0	0	0
Instructional Programs	1	33,978	0	0	1	33,978
Service Programs	0	0	4	19,280	4	19,280
Other Programs	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	4	373,007	16	497,094	20	870,101

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	8	2,195,630	22	3,793,928	30	5,989,558
Facilities and Equipment	0	0	0	0	0	0
Instructional Programs	0	0	0	0	0	0
Service Programs	0	0	0	0	0	0
Other Programs	<u>0</u>	<u>0</u>	<u>2</u>	<u>27,700</u>	<u>2</u>	<u>27,700</u>
Total	8	2,195,630	24	3,821,628	32	6,017,258

THE GRADUATE SCHOOL OFFICE OF RESEARCH

Awards Received

In the period December 1, 1996, through
December 31, 1996

AWARDS FOR RESEARCH

Aerospace and Mechanical Engineering

Thomas, F., Nelson, R.
Wake Development and Structure in Adverse Pressure
Gradient
National Aeronautics and Space Administration
\$52,033 12 months

Architecture

Chang, I.
STA Fellowship Program
JRDC
\$7,700 1 month

Biological Sciences

Kulpa, C.
Application of Molecular Tools to ID Microbial
Activities
Chevron Oil Company
\$50,000 12 months

Fraser, M.
Transgenesis of Mosquitos with PiggyBac
National Institutes of Health
\$69,683 12 months

Center for Applied Mathematics

Atassi, H.
A Domain Decomposition-Based Numerical Laboratory
Old Dominion University
\$72,080 24 months

Civil Engineering and Geological Sciences

Kareem, A., Kantor, J.
Dynamic Wind Simulator
Clemson University
\$94,200 31 months

Silliman, S.
Three-Point Scheme for Characterizing Aquifer
Hydraulics
Purdue University
\$45,000 24 months

Fein, J.
Attenuation of Contaminant Metals
Sandia National Laboratories
\$20,000 10 months

Chemistry and Biochemistry

Nowak, T.
NMR Studies of Metals in Kinases and Related Enzymes
National Institutes of Health
\$272,529 12 months

Center for the Study of Contemporary Society

Dawson, G., Santos, J.
Geriatric Education Practicing Home Health Care
Professionals
Retirement Research Foundation
\$6,600 13 months

Electrical Engineering

Stevenson, R., Costello, D., et al.
Transmission of Image Data Over Low-Bit-Rate Noisy
Channels
Motorola
\$35,126 12 months

Collins, O.
Equipment Supplement for Communications Research
National Science Foundation
\$16,500 15 months

History

Hoy, S.
Teaching Black Girls: Catholic Sisters in Chicago's
South Side
Spencer Foundation
\$11,650 12 months

Medieval Institute

Van Engen, J., Emery, K.
TransCoop Program
GAAC
\$45,242 12 months

Theology

Ryan, M.
Power and Powerlessness in Health Care
Decision-Making
UIC
\$18,500 6 months

THE GRADUATE SCHOOL OFFICE OF RESEARCH

AWARDS FOR INSTRUCTIONAL PROGRAMS

Psychology

McCabe, S.
Student Experiential Program of Work with Homeless
Retirement Research Foundation
\$33,978 12 months

AWARDS FOR SERVICE PROGRAMS

Center for Continuing Formation in Ministry

Lauer, E.
Center for Continuing Formation in Ministry
Various Others
\$10,506 1 month

Center for Pastoral Liturgy

Bernstein, E.
Center for Pastoral Liturgy
Various Others
\$5,894 1 month
Center for Pastoral Liturgy
Various Others
\$2,853 1 month

Institute for Church Life

Cannon, K.
Institute for Church Life
Various Others
\$27 1 month

Proposals Submitted

In the period December 1, 1996, through
December 31, 1996

PROPOSALS FOR RESEARCH

Aerospace and Mechanical Engineering

Paolucci, S., Powers, J.
Novel Combustion Modelling
Department of the Air Force
\$335,301 36 months
Thomas, F., Nelson, R.
A High Lift Flow Physics Experiment
National Aeronautics and Space Administration
\$111,854 24 months

Biological Sciences

Bridgham, S.
Response to Climate Change in Peatlands
National Science Foundation
\$1,397,912 48 months
Effects of Climate Change on Methane Cycling in
Peatlands
Indiana University, Bloomington
\$11,026 36 months
Lamberti, G.
Regional Versus Local Regulation of Stream Ecosystems
University of Minnesota
\$195,933 36 months
Kulpa, C.
Application of Molecular Tools to ID Microbial
Activities
Chevron Oil Company
\$50,000 12 months
Hyde, D., O'Tousa, J.
RdgB in the Vertebrate Retina
Johnson & Johnson
\$264,087 36 months
Feder, J.
REU Supplement to CAREER Grant
National Science Foundation
\$5,000 12 months

Civil Engineering and Geological Sciences

Kareem, A.
Research in Structural Control
Research Foundation of SUNY
\$46,531 12 months
NSF REU Supplement
National Science Foundation
\$12,250 12 months

THE GRADUATE SCHOOL OFFICE OF RESEARCH

Chemical Engineering

- Chang, H.
REU Supplement for CTS 95-22277 Nonlinear
Dynamics and Control
National Science Foundation
\$10,000 12 months
- Miller, A., Chang, H.
Electrochemical Self-Organization
National Science Foundation
\$352,098 36 months

Chemistry and Biochemistry

- Rosen, E., Castellino, F.
Partial Embryonic Lethality in FVII Deficient Mice
American Heart Association-Indiana
\$60,000 24 months
- Castellino, F.
Blood Coagulation Protein-Metal Ion-Lipid Interactions
National Institutes of Health
\$270,411 12 months
- Jacobs, D.
Dynamics of Hypervelocity Collisions at the
Gas/Surface Interface
Department of the Air Force
\$355,384 36 months
- Basu, M., Basu, S.
Studies on Mammary Cermide Glycanase
National Science Foundation
\$397,580 36 months

Computer Science and Engineering

- Hu, X.
Design Exploration for Real-Time Embedded Systems
National Science Foundation
\$156,253 36 months

Center for the Study of Contemporary Society

- Dawson, G., Santos, J.
Geriatric Education Practicing Home Health Care
Professionals
Retirement Research Foundation
\$6,600 12 months

Electrical Engineering

- Sauer, K.
Nonhomogeneous and Nonlinear Tomographic
Estimation
National Science Foundation
\$403,526 36 months

- Snider, G, Merz, J., et al.
Characterization of Single and Coupled Quantum Dots
National Science Foundation
\$620,507 36 months

Finance and Business Economics

- Cosimano, T., Chami, R., et al.
Banking and Asset Pricing in a Limited Participation
Model
National Science Foundation
\$103,738 12 months

History

- Louthan, H.
Converting the Czechs
American Council for a Learned Society
\$25,000 8 months

Lobund Laboratory

- Pollard, M.
Prevention of Prostate Cancer by Soybean Diet
AICR
\$164,575 24 months

Mathematics

- Himonas, A.
Partial Differential Equations and Several Complex
Variables
National Science Foundation
\$96,529 36 months

Institute for International Peace Studies

- Fetherston, A.
Peacekeeping as Peacebuilding
U.S. Institute of Peace
\$44,786 15 months

Physics

- Barabasi, A.
Interface Motion in Disordered Environment
ACS Petroleum Research Fund
\$20,000 24 months

Theology

- Ford, J.
The International Artists' Apocalypse
Association for Theological Schools
\$20,000 9 months

THE GRADUATE SCHOOL OFFICE OF RESEARCH

Porter, J.

The Natural Law and the Christian Conscience
Association for Theological Schools
\$20,000 9 months

South Bend Center for Medical Education

Olson, K.

Fluorocarbons as Non-Aqueous Environments
Indiana University School of Medicine
\$22,124 12 months

Extracellular Fluid Volume Homeostasis in Fish
Indiana University School of Medicine
\$410,553 36 months

PROPOSALS FOR OTHER PROGRAMS

Aerospace and Mechanical Engineering

Nee, V., Kareem, A.

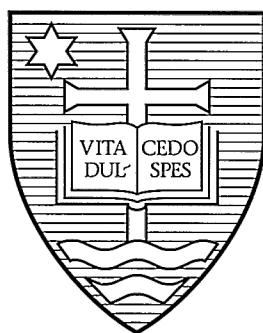
Travel

National Center for Earthquake Engineering Research
\$18,000 12 months

Mathematics

Sommese, A., Migliore, J.

Midwest Algebraic Geometry Conference
National Security Agency
\$9,700 7 months



NOTRE DAME REPORT

Volume 26, Number 10

January 31, 1997

Notre Dame Report (USPS 707-080) is an official publication published fortnightly during the school year, monthly in the summer, by the University of Notre Dame, Office of the Provost. Periodical postage paid at Notre Dame, Indiana. *Postmaster:* Please send address corrections to: Records Clerk, Department of Human Resources, Security Building, University of Notre Dame, Notre Dame, IN 46556.

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