

NOTRE DAME REPORT

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Corsons Fund Durand Library Collection

Notre Dame has received a \$520,000 gift from the family of Tom and Dottie Corson of Middlebury, Ind., to fund the acquisition of the José Durand Collection, a unique library of rare Latin American books and manuscripts.

Thomas H. Corson, chairman and chief executive officer of Coachmen Industries, Inc., of Elkhart, Ind., has been a member of the advisory council for the Law School since 1985. His wife, Dottie, is a registered nurse and former small business owner. Their daughter, Claire Corson Skinner, was graduated from the Law School in 1981. She has been a member of the Law School advisory council since 1993.

Assembled over some 40 years by the late José Durand, a professor of Spanish at the University of California at Berkeley, the collection includes four incunabula (books printed before the 16th century); hundreds of books and monographs from the 16th, 17th, 18th and 19th centuries; Latin American government documents and historical treatises; at least 19 unpublished manuscripts, including an early 17th-century Peruvian work entitled "Tragicomedia de la Ystoria de Joseph"; 18th- and 19th-century broadsheets and pamphlets; several issues of *Gaceta de Lima*, the oldest newspaper in Latin America; and numerous first editions of works by contemporary Latin American authors.

A notable feature of the collection is its reconstruction of the library owned by Garcilaso Inca, the first prominent mestizo intellectual of the 16th and 17th centuries, whose writings are widely considered indispensable to an understanding of the mestizo (mixed European and Native American) roots of Latin American culture. Born in Cuzco, the son of a conquistador and an Incan princess, Garcilaso Inca traveled to Spain in 1560, eventually settling in Andalucía where he remained until his death.

The collection includes more than 500 books published in the 16th century and read and absorbed by Garcilaso. There are early editions of classical writers like Aristotle, Ovid, and Virgil, and Renaissance writers like Boccaccio, Castiglione, and Tasso on subjects ranging from architecture and religion to language and literature. In the wider collection, there are also chronicles, histories, grammars and dictionaries reflecting Garcilaso's role as a colonial historian and linguist, along with some of Garcilaso's own works, such as *Historia General del Peru*, his 1617 history.

Corporation for National Service Awards Grant to ACE

Alliance for Catholic Education (ACE) has been awarded a grant of more than \$645,000 by the Corporation for National Service, the flagship agency of the Clinton administration's national service program. The new award to ACE for its teacher training program represents an increase of some \$145,000 over its grant.

More than \$495,000 of the grant will go directly to 105 ACE teachers in the form of education awards of \$4,725 apiece. The recipients may apply the awards toward future tuition for postgraduate study or toward student loans they have incurred. The remaining \$150,000 of the grant will be used to support the ACE summer training programs, during which the participants teach students in remedial and bilingual education programs of the South Bend Community School Corporation.

Ketchum Appointed Ombudsperson for Discriminatory Harassment

Lloyd Ketchum, associate professor of civil engineering and geological sciences and fellow in the Kellogg Institute, has been appointed ombudsperson for discriminatory harassment complaints at the University.

As ombudsperson, Ketchum will provide one means by which students, faculty and staff can report allegations of discriminatory harassment. He will investigate all complaints brought to his attention and follow up with either informal conciliation or assistance in preparing a formal report to University officials.

Complaints also can be filed with the Office of Residence Life, the director of human resources or with appropriate supervisors. Notre Dame defines harassment as "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, that is intended to intimidate its victim(s) from any University activity, or any verbal attack, intended to provoke the victim(s) to immediate physical retaliation."

Such conduct would be discriminatory in nature if, in addition, it is "accompanied by intentionally demeaning expressions concerning the race, gender, religious, sexual orientation, or national origin of the victim(s)." The University policy prohibits all such behavior.

FACULTY NOTES

Honors

John G. Borkowski, McKenna professor of psychology, has been appointed Notre Dame's first faculty social concerns fellow for the 1996-97 academic year. His principal responsibility will be to explore with other faculty new ways for interdisciplinary curricular and research initiatives to build on student service, social action and experiential learning involvements, especially as those related to poverty and injustice.

James J. Carberry, professor of chemical engineering, was elected a fellow of the American Institute of Chemical Engineers. He was named an honorary alumnus of Princeton University's class of 1955.

Anthony K. Hyder, associate vice president for graduate studies and research, professor of aerospace and mechanical engineering and concurrent professor of physics, was elected to the Technical Program Committee of the NATO AGARD 45th anniversary conference titled Future Aerospace Technology in the Service of the Alliance to be held in Paris, France, April 1997.

Pamela A. Krauser, associate professional specialist in the Graduate School, was appointed chair of the Electronic Research Administration Committee of the Society of Research Administrators.

Rev. Edward A. Malloy, C.S.C., president and professor of theology, has been appointed to the new National Committee on Higher Education and the Health of Youth. Funded by the Centers for Disease Control and Prevention, the committee consists of 20 leaders in higher education, health and child development. Its goals are to promote a broad understanding of health and its relationship to learning among leaders in higher education; provide a national platform and support network for colleges and universities that are systematically engaged in improving the health of youth in the community and on campus; and disseminate information, effective models, innovative ideas and suggested standards for partnerships between institutions of higher education and communities to improve the health of young people.

Nazareno Laurence Rapagnani, assistant provost for information technologies, was named a member of the Xerox Executive Advisory Forum, a customer feedback council comprised of 30 chief information officers from Fortune 500 businesses, government and academia. The forum, which focuses on requirements for enterprise-level systems and solutions, was established to assure that the Production Systems Group's family of product and services meet the requirements and enable solutions to business challenges faced by customers in the information technology community.

Dennis J. Stark, assistant professor of physical education and director of aquatics, was re-elected to serve a second term as president of the Board of Directors of Corvill, Inc. in South Bend, Ind.

Activities

Albert-Laszlo Barabasi, assistant professor of physics, gave the invited talk titled "Morphology of Ion-Sputtered Surfaces: Connections to the Kardar-Parisi-Zhang and Kuramoto-Sivashinsky Equations" at the conference on New Developments in Stochastic PDE's at Los Alamos National Laboratory Center for Nonlinear Studies in Los Alamos, N.Mex., July 19. He chaired the session titled "Growth Anisotropy and Strain Effects" at the conference Dynamics of Crystal Surfaces and Interfaces in Traverse City, Mich., Aug. 6. He gave the invited talk "Morphology of Ion-Sputtered Surfaces" and chaired a session at a workshop on Dynamics of Non-Equilibrium Systems in Trieste, Italy, Aug. 23, 27.

Ikaros Bigi, professor of physics, gave a series of 10 lectures on "CP Violation and Heavy Flavour Physics" at the third Vietnam School of Particle Physics in Hanoi, Vietnam, Sept. 4-18. He presented the invited talk "Heavy Quark Expansions for Inclusive Weak Decays and the Lifetimes of Charm and Beauty Hadrons" at the third workshop on Heavy Quarks at Fixed Target at Rheinfels Castle in St. Goar, Germany, Oct. 3-6.

James J. Carberry, professor of chemical engineering, gave the Josiah Carberry Lecture titled "Fractal Phenomena — Implications Under Conditions of Diffusion-Affected Decay" at the Combustion and Kinetics Seminar Series at Brown University in Providence, R.I., Oct. 23.

Kevin J. Christiano, associate professor of sociology, chaired the session on "Quebec Specificity: The Challenge to Canada" at the 10th biennial meeting of the American Council for Quebec Studies at the Chateau Frontenac in Quebec City, Quebec, Canada, Oct. 19.

Roberto DaMatta, Joyce professor of anthropology, discussed the creation of the Universidade das Americas (Uniamérica) (The University of Americas) with a group of distinguished Brazilian and foreign intellectuals and scholars invited by Jaime Lerner, governor of Paraná State, in Foz do Iguaçu, Paraná State, Brazil, Oct. 11-14. He gave the paper "The City and its Festivities" at the international seminar on the Culture of the City (A Cultura das Metrópoles) organized by the Brazilian National Service for Commerce in São Paulo, Brazil, Oct. 16.

FACULTY NOTES

Alan Dowty, professor of government and international studies and fellow in the Kroc Institute, gave a presentation on the 1996 Israeli elections at the annual meeting of the American Political Science Association in San Francisco, Calif., Aug. 30. He gave the paper "Consociationalism and Ethnic Democracies: Israeli Arabs in Comparative Perspective" at the conference on Israel in Comparative Perspective: The Dynamics of Change at the University of California in Berkeley, Calif., Sept. 4. He presented a paper on "Refugee Flows: Internationalization of Human Rights Violations" co-authored with **Gilbert D. Loescher**, professor of government and international studies and fellow in the Kroc and Kellogg Institutes, at the joint meeting of the International Studies Association and Japan Association of International Relations in Tokyo, Japan, Oct. 20-22.

E. Ann Gabriel, assistant professor of accountancy, presented "The Benefit of More Accurate Product Cost Information in Imperfectly Competitive Markets: An Experimental Investigation" co-authored with **Carolyn M. Callahan**, associate professor of accountancy, at the American Accounting Association northeast regional meeting in New York, N.Y., April 19, at the American Accounting Association southeast regional meeting in Richmond, Va., April 26, at the Indiana University/University of Notre Dame/Purdue University Accounting Research Conference in West Lafayette, Ind., July 12, and at the American Accounting Association annual meeting in Chicago, Ill., Aug. 17.

Jimmy Gurulé, professor of law, presented a lecture on "The Status of International Law in the United States Domestic Legal Order" at the Hispanic National Bar Association annual conference held in Miami, Fla., Oct. 5.

Sr. Mary Catherine Hilkert, O.P., associate professor of theology, presented three lectures on the topic "Journeys of Grace" for the Ministry Formation Program of the Diocese of Kalamazoo in Kalamazoo, Mich., Sept. 7. She presented lectures on "Feminism and Spirituality" in the sabatinal program of the Center for Continuing Formation in Ministry at the University of Notre Dame, Notre Dame, Ind., Oct. 14-15. She delivered the St. Thomas and St. Catherine Lecture "In Different Voices: Preaching and Hearing Good News" at Barry University in Miami, Fla., Oct. 21.

Anthony K. Hyder, associate vice president for graduate studies and research, professor of aerospace and mechanical engineering and concurrent professor of physics, served as a member of an international technical organizing committee and as a session chairman for a NATO Advisory Group for Aerospace Research and Development symposium on Remote Sensing hosted by the École

Nationale Supérieure de l'aéronautique et l'espace at the Centre d'Études et de Recherches de Toulouse in Toulouse, France, April 22-25.

Lloyd H. Ketchum Jr., associate professor of civil engineering and geological sciences, presented "Porcupine Mountains Wilderness State Park Slow Sand Filter Pretreatment with a Limestone Contact Bed Pilot Study" co-authored with Susan H. Lehmann at the 1996 fall meeting of the American Slow Sand Association in Iliion, N.Y., Oct. 18.

Edward A. Kline, professor of English and O'Malley director of First Year Composition and Literature Program, delivered the keynote address titled "Trends in Teaching Composition" at the 39th conference of the North Central Reading Association in South Bend, Ind., Oct. 3. He chaired the sessions on "Writing and Reading Our Lives: Literacy Autobiographies" and "How Teachers Promote Censorship: False Dilemmas and Reading Responses" at the 16th conference of the Indiana Teachers of Writing in Indianapolis, Ind., Sept. 27-28. He organized and chaired the session on "Pedagogy and Professionalism" at the annual conference of the Indiana College English Association at Vincennes University in Vincennes, Ind., Oct. 18.

David C. Leege, professor of government and international studies, served as the super-discussant for the panel on "Religion, Religiosity, and Voting Behavior" at the annual meeting of the American Political Science Association in San Francisco, Calif., Aug. 31. He served as a presenter on the "Roundtable on the Christian Right in the 1996 Election" and gave the closing remarks at the interdisciplinary conference on the Christian Right in Comparative Perspective at Calvin College in Grand Rapids, Mich., Oct. 4-5.

Keith P. Madden, associate professional specialist in the Radiation Laboratory, presented the poster "The Stability of Nitron Spin Adducts: Intramolecular Interactions with the Aminoxyl Center" and served as Session VII chairman at the Southeastern Magnetic Resonance Conference at the University of Alabama in Tuscaloosa, Ala., Oct. 10-12.

Ralph McInerny, Grace professor of medieval studies, director of the Maritain Center and professor of philosophy, presented "Acquiring a Catholic Culture" at the Wanderer Forum in Washington, D.C., Oct. 12. He gave the public lecture "Can the Christian be a Humanist?: Reflections on Jacques Maritain" and the seminar "The Golden Rule and Natural Law" at St. Charles Borromeo Seminary in Philadelphia, Pa., Oct. 11.

FACULTY NOTES

Thomas J. Mueller, Roth-Gibson professor of aerospace and mechanical engineering, presented a paper titled "Compressible Shear Layer Facility" at the 86th semi-annual meeting of the Supersonic Tunnel Association, International, in Cleveland, Ohio, Oct. 21.

Joseph E. O'Tousa, associate professor of biological sciences, presented a seminar titled "Drosophila in Vision Research" in the Department of Biology at Wabash College in Crawfordsville, Ind., Oct. 3.

Simon M. Pimblott, associate professional specialist in the Radiation Laboratory, presented a department seminar "Radiation Induced Chemistry: The Effects of Track Structure" at King's College in London, U.K., Sept. 25. He gave the conference talk "The Effect of Electron Energy on Radiation Damage" and served as session chair for "DNA Damage and Radiation Quality: Experiment Versus Modelling" at the 12th Symposium on Microdosimetry in Oxford, U.K., Sept. 29-Oct. 4.

Dean A. Porter, professor of art, art history and design and director of the Snite Museum of Art, gave the lecture "Victor Higgins and the Watercolor in Taos, New Mexico, During the 1930s" at the E. L. Blumenschein Home and Museum in Taos, N.Mex., Sept. 24. He served on the panel "American Paintings from Three Universities" at Brauer Museum of Art at Valparaiso University in Valparaiso, Ind., Oct. 6.

Joseph M. Powers, associate professor of aerospace and mechanical engineering, presented a talk titled "Steady Propagation Speed for Ram Accelerators" co-authored with Antonio Cardenas and Matthew J. Grismer at the II Congress of the Fluid Dynamics Division of the Mexican Physical Society in Oaxaca, Mexico, Oct. 14-18.

Robert Schmuhl, chairperson and professor of American studies, discussed "The 1996 Presidential Debates" on WGN's "Extension 720" in Chicago, Ill., Oct. 16. As Walsh Lecturer, he delivered the invited lectures "Presidential Politics 1996: Is This Any Way to Run the Republic?" and "American Presidents and the Perils of Power" at Carroll College in Helena, Mont., Oct. 22-24.

Thomas L. Shaffer, Short professor of law, served as a panelist on "The Ethical Preparation of New Lawyers" at the annual Seventh Federal Circuit Judicial Conference in Indianapolis, Ind., Oct. 15.

Raimo Väyrynen, professor of government and international studies and Regan director of the Kroc Institute, made a presentation on "Building a Peace Studies Program" in the conference on New Ways of Thinking about Peace and Conflict Resolution organized by Arizona State University and the Marshall Fund of Arizona in Tempe, Ariz., Oct. 18-19.

Kathleen Maas Weigert, associate director of academic affairs and research at the Center for Social Concerns, concurrent associate professor of American studies and fellow in the Kroc Institute, conducted a workshop on Service-Learning for the teachers in the five Catholic high schools of the Diocese of Santa Rosa, Calif., Oct. 21. She served as part of the external evaluation team for El Colegio de la Frontera Norte in Tijuana, Mexico, Oct. 23-25.

Ursula M. Williams, associate professional specialist and director of the Language Resource Center, gave the keynote address "Preventable Predicaments: Professional Proposes Propagandistic Protection, or: How to Avoid Becoming Entangled in the Machinery by Thinking About the Implications in Advance" at the Ingenious Methodologies through Technology Conference sponsored by the Culpeper Foundation at Washington and Lee University in Lexington, Va., Oct. 16-18.

Erhard M. Winkler, professor emeritus of civil engineering and geological sciences, gave a seminar titled "Decay in Natural Stone Restoration" in Chicago, Ill., Oct. 19.

Randall C. Zachman, assistant professor of theology, presented "Is the God of Israel the God of Love?" at an adult education class at the First Presbyterian Church in South Bend, Ind., Sept. 8, 15, 22, 29, Oct. 6, 13.

Deaths

William E. Slowey, associate professor emeritus of accountancy, Oct. 28. He graduated from the University of Notre Dame in 1946 and joined the University's College of Business Administration faculty in the same year. He received an M.B.A. degree from the University of Michigan in 1952 and his C.P.A. in 1956. Slowey retired from the college in 1990. In addition, he retired from the South Bend office of Coopers & Lybrand in 1975.

Corrections to *Notre Dame Report* #4

UNIVERSITY ADMINISTRATION

Business Operations

David A. Harr, M.B.A.
Manager, Morris Inn

Finance and Investments

Scott C. Malpass, M.B.A.
Associate Vice President for Finance and Chief
Investment Officer

Fred H. Baumer Jr., C.P.A.
Controller

Victor DeCola, M.B.A.
Assistant to the Controller for Systems Management
and Interim Director of Student Accounts

Ann E. Hazinski, M.B.A., C.P.A.
Director of Investment Operations

Donald H. Fehrs, Ph.D.
Director of Fixed Income, Special Situations and Risk
Management

James A. Kieft, C.P.A.
Assistant Controller for Accounts Payable, Payroll and
Financial Reporting

William F. McKinney, M.B.A., C.P.A., C.I.A.
Assistant Controller and Director of Accounting

Mary Ellen Koepfle, M.S.A.
Acting Director of Restricted Fund Accounting

Michael R. Ridenour
Director of Real Estate, Gifts and Trusts

John A. Sejdinaj, M.B.A., C.C.M.
Director of Finance and University Budgeting

Mark W. Yusko, M.B.A.
Associate Investment Officer

Graduate Studies

Jan Poorman, Ph.D.
Assistant Dean for Graduate Admissions

COMMITTEES

Editors of Scholarly Publications

Notre Dame Law Review
Douglas Kmiec, Faculty Advisor

Provost's Advisory Committee

Carol Mooney, Vice President and Associate Provost 1998
Rev. Timothy R. Scully, C.S.C., Vice President and Senior
Associate Provost

Radiation Control Committee

Frederick W. Goetz, Professor of Biological Sciences 1999

University Committee on Elections

Library
Maureen Gleason, Librarian

University Committee on Patents

Elected Members
Charles F. Kulpa, Professor of Biological Sciences 1998

FACULTY OF THE UNIVERSITY

ALEXANDER BLACHLY, *Associate Professor of Music*. B.A.,
Haverford College, 1967; M.A., Columbia Univ., 1972;
Ph.D., *ibid.*, 1995. (1993)

GINA COSTA, *Assistant Professional Specialist and Coordinator of Education/Public Programs in the Snite Museum of Art*. B.A., Denison Univ., 1979; M.A., Univ. of Chicago, 1986. (1992)

JOHN H. GARVEY, *Professor of Law*. A.B., Univ. of Notre Dame, 1970; J.D., Harvard Law School, 1974. (1994)

JANICE M. POORMAN, *Assistant Dean for Graduate Admissions, Graduate School*. B.A., Southern Illinois Univ., 1976; M.A., Univ. of Notre Dame, 1988; Ph.D., *ibid.*, 1996. (1993)

JOHN H. ROBINSON, *Director of the Thomas J. White Center for Law and Government and Concurrent Assistant Professor of Law*. B.A., Boston College, 1967; M.A., Univ. of Notre Dame, 1972; Ph.D., *ibid.*, 1975; J.D., Univ. of California, Berkeley, 1979. (1981)

SLAVI C. SEVOV, *Assistant Professor of Chemistry and Biochemistry*. B.S., Univ. of Sofia, Bulgaria, 1983; M.Sc., *ibid.*, 1985; Ph.D., Iowa State Univ., 1993. (1995)

Faculty Senate Journal September 11, 1996

The chair Professor Richard McBrien called the first meeting of the new academic year to order at 7 p.m. in room 202 of the Center for Continuing Education, and asked Professor Gregory Sterling to offer a prayer. The journal for the May 1996 meeting having been distributed, the chair called for a motion of approval; the senate agreed and the journal was accepted with minor corrections. Co-secretary Peter Lombardo distributed a senate roster and a listing of senators for inclusion in *Notre Dame Report*; he asked all members to check both for accuracy.

The chair's report followed. It is printed as appendix A of this journal. McBrien welcomed new and returning members, explained the rules of senate procedure, reported on 1995-96 activities which were still pending, asked all members to consider agenda items in committee meetings later in the evening and pointed out that the senate, as the only elected faculty representative body, often takes up vital subjects. Afterward, Professor Philip Quinn elaborated on the Academic Council's action in regard to the senate's proposal on representation of adjunct faculty; it had been sent back to the executive committee, and close senate liaison should be maintained. Professor Jill Godmilow asked what had happened to the senate's resolution on non-discrimination passed in May. McBrien said that no response to it had been received from the administration, and he would follow up on it.

The senate then recessed for 45 minutes for committee meetings. When the full senate resumed its session, committee chairs reported on their agendas for the upcoming year.

1. **Academic Affairs** — Professor Sonja Jordan reported that three items from 1995-96 will require follow-through: the library's response to the senate's resolution on library electronic services, the Academic Council response to the grievance/appeals resolution and the College of Arts and Letters' response (as well as the University's) to federal arts and humanities endowment funding cuts. New issues include:

- a. Graduate student health insurance and the effect of this on recruitment — If 25 percent of a graduate student's stipend must go for health insurance, are we losing high quality students? The committee will work with two other senate committees on this, Student Affairs and Benefits.
- b. Is the system for processing visiting scholars as smooth as it can be, or does it need improvement?

c. Is Notre Dame losing senior faculty members? What are the reasons for this, and can the drain be stopped?

d. Along with the Academic Council, the committee will review tenure.

Professor Richard Williams wondered if Notre Dame was indeed losing senior faculty. Jordan said there seemed to be a problem which should be looked at in an organized way.

2. **Administration** — McBrien, in calling upon Professor Clive Neal, indicated that this committee had an "overflowing plate," to which Neal agreed. New items:

- a. Should senators with one-semester sabbaticals forfeit their seat during the leave?
- b. Monitor the Academic Council discussion on the senate's adjunct faculty proposal.
- c. Should the role of ex-officio members of the senate be redefined?
- d. Discuss the recommendation made in May 1996 by the ad-hoc election committee.

Carry over items:

- a. Continue to work with Human Resources, in particular on the promise that Notre Dame staff secretarial salaries will be 110 percent of the local average, and on the status of the position description review (about which little has been heard) and the staff advisory council.
 - b. What has happened to the staff portion of the woman's committee, and how does the women's committee work with the Faculty/Student Committee on Women?
 - c. As part of the survey of deans and department heads, the committee proposes to include a question dealing with the promotion of the Catholic character of Notre Dame.
 - d. The committee will likely have a resolution in November in regard to the time of senate meetings.
 - e. On affirmative action, the committee has asked the chair of the University Affirmative Action Committee to work with it to discuss common goals and actions.
3. **Benefits** — Professor Mario Borelli listed these items:
- a. A survey on CIGNA — There has been criticism of their slow administrative procedures, and he asked anyone with specific information to contact him.

b. In addition, he has asked Human Resources to describe publicly whatever contractual relations exist between Notre Dame and CIGNA, especially those concerning the University's rights.

c. A general meeting with the director of human resources.

d. Why is there a separate dental plan, and why are no women dentists participating in the plan we currently have?

e. Graduate student health insurance.

f. There has been assurance given that Retiree 2000 will not be dropped without sufficient notice, as the senate requested. Still, why are retirees not eligible for the CIGNA PPO?

g. What are the issues behind the reduction in the discount customarily given for football ticket purchases?

4. **Student Affairs** — Professor Patrick Sullivan, C.S.C., stated that their major business will be a review of the North Central Accreditation report — What steps have been taken in Student Affairs to correct the deficiencies pointed out in the report two years ago? Alcohol and disciplinary actions will be their major focus, but academics and social issues will be very important too. Faculty in the behavioral and social sciences will be asked to lend expertise in this review. Professor G. Robert Blakey asked if due process in student disciplinary activities will be studied, and Sullivan replied positively, as well as asking for Blakey's help in this.

McBrien said no other body in the University would be open to discussing the range of issues which the senate takes up, and he looked forward to an interesting and productive year.

Next, the senate considered a resolution from the executive committee, presented by vice chair Professor Jean Porter in regard to an appointment made by the president of the University in the Department of Theology, despite the department's on-the-record refusal to hire this particular person. The resolution expressed the senate's "grave concern" over the manner in which the appointment was made. In her presentation, Porter, a professor of theology, gave some background. Two years ago the department was informed that a priest of the Congregation of Holy Cross was completing his doctoral studies shortly and would be applying to the department for hiring as a teacher; a budget line for his salary would be provided to the department by the University for this purpose. In February 1996, he officially applied, and in April he was interviewed and gave a public lecture. In the

course of its procedures, the department did not consider him qualified for an appointment, and turned down his application. In May, at the request of then Provost Timothy O'Meara, the department considered him for a visiting assistant professorship. Again this proposal was turned down. The record of an ad hoc faculty meeting in June showed overwhelming sentiment against the hiring. Also in June, the chair of the department was told that President Malloy had overruled the department and had extended an offer of a visiting assistant professorship for three years, which the candidate had accepted. Further contact with the candidate was to be through the Office of the Provost. The department had never received any of the normal paperwork (such as Form Q).

Porter continued by saying that some members of the department alleged irregularities and manipulation in the department's processes and asked the dean of the college to investigate. He found no basis for any such charges. The senate's executive committee felt this was not a matter of the theology department only, but a matter for full discussion at the University. While the resolution, as formulated, did not deny the right of the president to make such an appointment, even over a department's objections, the executive committee felt he had disregarded the University's normal procedures and discredited the academic integrity of the theology department. The executive committee unanimously recommended passage of the resolution.

Blakey, as a point of information, asked if it were normal and part of its jurisdiction for the executive committee to bring such a resolution to the floor. Porter commented that it was senate practice for the executive committee to offer resolutions of general interest on topics which may cross common lines. McBrien agreed, saying it was not contrary to the bylaws, that the executive committee acts not only on agenda and elections items, but also on items of immediate interest. The full senate, of course, retained the right to commit this resolution or any other to a standing committee. Blakey then moved to commit the executive committee's resolution to the Academic Affairs and Administration Committees in sequence. However, Porter, the deputy parliamentarian, pointed out that a resolution can go to only one committee. Therefore Blakey moved to commit it to the Academic Affairs Committee for a report, and Professor Dennis Doordan seconded.

Godmilow asked: Why commit it to a committee? Blakey said he was anxious about both factual and policy issues connected with the resolution. It spoke of reports and letters as public documents, but none were attached as part of the resolution or affixed in support of it to the senate. He also wanted to know the reason the president made the appointment, knowing the objections of the

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department. Blakey was troubled by the presence of two members of the theology department on the executive committee. Finally, if what was alleged to have happened really did happen, it would be in serious violation of academic freedom, but at this point he did not want to rush to any judgment. He wanted time to study the issue and listen to those involved, independent of the theologians on the executive committee.

Porter responded that the Blakey motion actually prevented the senate from discussing the issue at this time. The committee would have to study it, issue a report, and then the senate in open session could discuss it. She had the documentation Blakey wished to see and was prepared to read the letters and reports into the record, or provide copies. Blakey asked why such a written record had not been provided to the senate, and Porter said it had seemed superfluous. Blakey believed the senate could debate the substance of the issue at this time, but he would still like the time necessary to form an independent judgment. He would like the documentation and would like to hear from the president. He felt that due process was part of freedom and the president was entitled to it too. A committee inquiry, he believed, would do that. Borelli, a member of the executive committee, but not a theologian, was concerned about the implications of the president's actions on other departments when other members of the congregation seek appointments or promotions. He would also like to see the documentation and hear the president on the record. Professor Michael Detlefsen also supported the motion to commit the resolution to committee. This certainly appeared to be an infraction of good academic governance; while he did not doubt the facts, it was a good idea and good senate discipline to prepare fully. He wanted to be careful for what has been alleged would be an impeachable offense not just a matter of grave concern.

Professor Jeffrey Bergstrand asked the chair about the senate's scheduled meeting with the president in October. Wouldn't that be an occasion for him and the senate to engage in a discussion of this matter? The chair agreed, saying the president would receive a set of written questions in advance of his October 14 date with the senate, and this issue could be among them. Professor Gordon Berry wondered how sending the issue to a committee would guarantee the president due process. He spoke against the motion, but could support it if amended to guarantee him due process. Blakey, as a point of information, said that if he was involved, the president would get due process. Berry asked to amend Blakey's motion to direct the Academic Affairs Committee to see that the relevant processes were followed. Porter observed that such an action was not needed, and the chair ruled the amended wording out of order. Blakey appealed the ruling and was seconded. Borelli supported Blakey in asking that the wording be amended.

Professor Daniel Sheerin wondered who would guarantee due process, and Berry said all he wanted was to see that written and spoken evidence be presented on both sides of the questions. Blakey returned to Sheerin's question, saying, as a member of the committee, he would watch out for due process. To him, this was not an abstract item; it was real and clear. Further, not only he but the whole senate must guarantee due process. If the senate was not satisfied with the result of the inquiry, it could justifiably ask the committee for further work. But Professor Joseph Blenkinsopp said due process for the president, who held all the power anyway, meant nothing. The only question for the senate would be: Did he do what he did with wisdom? Blenkinsopp started to offer a view of the due process issue, but Blakey interjected that such discussion at this point was out of order. McBrien stated that Blenkinsopp may continue because the two questions were so intertwined. Blenkinsopp simply offered the view that the executive committee should have the authority to offer resolutions, and the senate should not undermine this authority.

Detlefsen spoke against overriding the chair on this point. The executive committee has only rarely offered resolutions in the past, but it has the power. In this case, there was no malfeasance, only a lack of time given to the issue. Professor Richard Sheehan was also against overriding the chair. He hoped all committees would work in a fair manner, though perhaps not in a legalistic sense; all committee meetings were open, and all senators ensure due process. No committee needed a motion to execute due process. Godmilow reminded the senate that the original resolution did not question the president's prerogative or power, only the exercise of his judgment. Detlefsen called the question, Sullivan seconded and the senate agreed to vote on overriding the chair. It did not agree (six to 26) to do so, and debate on Blakey's original amendment continued.

Borelli, in a friendly amendment which Blakey accepted, moved to have the committee report back to the senate by its November meeting. Sheehan pointed out that, with the president meeting with the senate in October, it would be better to have this confrontational issue resolved before then. But Blakey believed it would be extraordinary to meet with him in October after condemning him in September; to him, a non-adversarial October meeting would give him a chance to talk about the issue. Professor John Borkowski worried if the whole of the October meeting would be consumed with this issue; he asked the committee to draft carefully a set of questions designed to elicit the information they need, so other issues can also be discussed in October with the president. Borkowski thought the committee might also invite the president to meet with them. Doordan said the discussion was important because, despite remarks about the

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appointment being public knowledge, this was the first he had heard about it. He wanted to see the evidence and have time to reflect on it. He was troubled by any sense that the senate should rush on this important issue. Sheerin spoke in favor of committing the resolution to committee; he didn't question the facts, but wanted the evidence clearly presented for all to see.

Sullivan asked Blakey if he thought the topic would consume the whole of the October meeting. He replied that it should not, and the committee would be able to frame good questions. But he said, too, that if this was the way the events actually happened, it was a very serious matter, and the executive committee resolution only "pussy-footed" around the issue. Sullivan then asked Porter if she would provide the committee with the documentation she referred to earlier. She said she would, but asked what facts were in question. The rules of the debate prevented her from reading into the record what she had, but she would provide the committee with all the information in her possession. Professor Valerie Sayers was against the motion to commit, preferring instead to debate the original resolution. Borelli, not questioning the facts, but wishing to get all the information out and all concerns aired, favored committal.

Professor David Hyde wondered how serious the issue actually was. To Porter, it was clear — a serious violation of academic integrity — although the strategy may not have been. Professor Joseph Buttigieg favored the committee route because a full airing by the committee would elaborate on the seriousness of this incident. Quinn agreed, and said in the end, after the committee report, the senate should have "an appropriately stronger" resolution to deal with it.

Professor David Schmid called the question, and Sullivan seconded. The senate agreed to vote on the Blakey amendment as reworded by Borelli. The senate voted to send the executive committee resolution to the Academic Affairs Committee, which was to investigate and report its findings to the senate by its November meeting: 25 in favor, six against, two abstentions.

Porter, for a point of personal privilege, was given the floor. She asked Blakey if in any of his earlier comments he were calling her personal integrity into question. He replied that he hadn't seen any evidence on the matter in question, but he would give her the benefit of the doubt, and that was being charitable. Porter said that when all the evidence had been presented, she would expect an apology from Blakey.

Sheehan asked the Academic Affairs Committee to notify all senators of their meeting on this issue, and not schedule any for the usual full senate meeting times. Jordan agreed.

Borelli moved to adjourn, Lombardo seconded, and the senate adjourned at 9:40 p.m.

Present: Bayard, Bergstrand, Berry, Blakey, Blenkinsopp, Borelli, Borkowski, Buttigieg, Chami, Coll, Davis, Detlefsen, Doordan, Godmilow, Gundlach, Hemler, Hill, Huang, Hyde, Jordan, Kirkner, Lombardo, Mason, McBrien, Neal, Porter, Preacher, Quinn, Ramsey, Runge, Sayers, Schmid, Sheehan, Sheerin, Sterling, Sullivan, Williams

Absent: Eagan, Garg, Mathews, Zachman

Excused: Biddick, Bigi, Broderick, Cholak, Collins, De Langhe, Lamanna, Rai, Taylor

Respectfully submitted,

Peter J. Lombardo Jr.

Appendix A

Chair's report
October 14, 1996

1. First, a word of welcome to three of our newest members: Neil Delaney, of the Department of Philosophy, who is serving this year as the *ex officio* representative from the College of Arts and Letters; John Derwent, of the Department of Mathematics, who is also serving this year as an *ex officio* member, representing the College of Science; and Joel Urbany, of the Department of Marketing, who has been elected to fill out the remaining two years of an unexpired term in the College of Business Administration.
2. I should also like to announce a change of Faculty Senate secretaries. After one year of excellent service to the Senate, Sharon Konopka has moved to a 12-month position in the Library. She has been succeeded by Barbra Rekos who, until this year, served in a similar capacity for Student Activities. Barbie, as she prefers to be called, has her own e-mail address: Barbra.E.Rekos.1.
3. The 1996-97 Senate-sponsored Notre Dame Forum on Academic Life has selected its theme for the year: the new Provost's six priorities for academic life at Notre Dame given in his inaugural address in mid-September. There will be three sessions of the Forum, each of which will address two of the priorities, one as the principal topic and the other as the sub-topic. The first session is scheduled for November 13 and will focus on "investing in centers of excellence," with "keeping Science and Engineering at the cutting edge" as the sub-topic. Our speakers, whose

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formal presentations will be limited to 15 minutes each, will be Katherine O'Brien O'Keeffe, of the Department of English, on "investing in centers of excellence," and Charles Kulpa, of the Department of Biological Sciences, on "keeping Science and Engineering on the cutting edge." The second and third sessions will meet on February 12 and April 8, respectively. The theme for the second session will be "going the second mile to recruit faculty and students," with the sub-topic, "revitalizing undergraduate education." The theme for the third session will be "fostering a community of intellectual engagement," with the sub-topic, "making Notre Dame a center of Catholic intellectual life." I have not yet secured speakers for the second and third sessions in February and April. As you know, I invited suggestions from the entire Senate, and am still open to receiving them. I wish to thank the four members of the ad hoc planning committee for their constructive contributions to the planning process: Laura Bayard, Joseph Buttigieg, Michael Hemler, and Clive Neal. I also wish to thank those several of you who volunteered for service on the committee, but were unable to attend the planning meeting on the scheduled date.

4. By way of follow-up on several items of pending business, I wrote to Executive Vice President William Beauchamp on September 24 to inquire about the status of the University Committee on Women Faculty and Students, and specifically regarding the appointment of a liaison to that committee from a new committee on the status of women staff members. Vice President Beauchamp replied on October 7. He indicated that this new staff committee "will be created by the Staff Advisory Council," which is "an all-elected body representing all non-administrative classes of the University." Sometime this week, the University will announce the formation of what he describes as "a staff committee to identify issues important to women in non-administrative positions at Notre Dame and to communicate those issues and resulting recommendations to the administration." I will make the exchange of correspondence between Vice President Beauchamp and myself available for the Journal of this evening's meeting. The other items of pending business were referred to Roger Mullins, Director of Human Resources. I wrote to Mr. Mullins on September 24 to request a progress report on the status of the review of salaries for secretaries, staff reclassification, and the Staff Advisory Council. I also wrote to him on October 1 to inquire about the status of the Senate's resolution of May 2 proposing an amendment of the University's non-discrimination clause to include "sexual orientation" among the categories covered by the policy. Since the policy is contained in the Manager's Guidebook issued by Human Resources, I asked Mr. Mullins if he or someone else is responsible for the amending process. Since I had not received an answer from Roger Mullins to either of my let-

ters, I phoned him today and received the following verbal report on the matters at issue: (1) The reclassification and salary review project is taking longer than expected because the process has a "high involvement" of groups and individuals on campus. He wants to have as much input as possible before final decisions are made. Roger Mullins hopes that the process will be completed by February. He wishes to remind us, however, that the salary increases will be retroactive to July. (2) As far as the Staff Advisory Council is concerned, Roger Mullins indicates that it is functioning very well and that he has had "good feedback." The council has already been "instrumental" in making some key changes, e.g., staff access to football tickets, and added vacation days. (3) Regarding the University's non-discrimination clause, Roger Mullins indicates that he does not have the authority to amend the policy statements in the Manager's Guidebook issued by Human Resources, but that he "has initiated discussion" with the University's legal counsel, Carol Kaesebier, and some of the other officers on the matter. Roger Mullins describes himself as in "a holding pattern" until he hears from them.

5. Immediately after the Academic Council's defeat last May of the Faculty Senate's recommendation that adjunct faculty be represented on the Faculty Senate, the Academic Council unanimously adopted a motion to refer the matter of adjunct faculty to the Council's Executive Committee for further study. The Academic Council's Executive Committee had a discussion of adjunct faculty at its meeting of last Thursday, October 10. Because of the continued confusion over the identity and status of adjunct faculty at the University, the Executive Committee is seeking more precise information from the Provost's office, and will take up the matter again as soon as the Provost's office has submitted a report.

6. The Senate's May 1995 resolution on faculty appeals and grievances was referred last semester to a special subcommittee on tenure and promotion of the Provost's Advisory Committee (PAC). The subcommittee, chaired by Prof. Carol Mooney of the Law School and the Provost's office, has completed and submitted its report to PAC for discussion at the next meeting of PAC on Wednesday of this week. After appropriate discussion, PAC will refer the matter back to the Academic Council for discussion and vote.

7. Unlike the practice of recent years, the Chair did not submit a list of advance questions to President Malloy for his annual visit to the Faculty Senate this evening. There was not a sufficient number of questions submitted in advance, and the Executive Committee chose not to assume responsibility for developing its own list of questions. Accordingly, the Chair sent a hand-delivered letter to the President on October 8 advising him that the Senate

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would have no formal list of questions this year because of the relatively few suggestions that were received from the members, but also advising him of the topics that the submitted questions did touch upon, namely, the following: the future status of the Urban Institute for Community and Educational Initiatives in light of the departure of Roland Smith; the recruitment of senior women faculty and scholars of color; affirmative action hirings in general; the public image of the University, especially with reference to intercollegiate athletics, and football in particular; faculty input in the planning of construction on campus; staff salaries and job reclassification; and the Baxter appointment in Theology. In the absence of a formal list of questions, we shall begin the question period immediately following the President's opening remarks. Because the Senate's standing Committee on Academic Affairs needs to pose questions to the President about a matter that the Senate has charged the committee to investigate, the Chair will take care to recognize members of that committee so that all of the committee's questions can be presented before adjournment.

THE GRADUATE SCHOOL OFFICE OF RESEARCH

Current Publications and Other Scholarly Works

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

Errata: Correction on entry in *Notre Dame Report* issue No. 5, citation listed under Freshman Writing Program should have been listed under English:

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Electrical Engineering

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- K. Ralev and P. H. Bauer. 1996. Asymptotic errors of floating point digital filters. In *Proceedings of the third IEEE international conference on electronics, circuits and systems*, 1239-1242. Rhodes, Greece: IEEE.
- K. Premaratne, E. C. Kulasekera, P. H. Bauer and L. J. Leclerc. 1996. An exhaustive search algorithm for checking limit cycle behavior of digital filters. *IEEE Transactions on Signal Processing* 44 (10): 2405-2412.

RADIATION LABORATORY

Kamat, Prashant V.

- P. V. Kamat. 1997. Native and surface modified semiconductor nanoclusters. *Progress in Inorganic Chemistry* 44:273-343.

LaVerne, Jay A.

- J. A. LaVerne and R. H. Schuler. 1996. Radiolysis of the Fricke dosimeter with ^{58}Ni and ^{238}U ions: Response for particles of high linear energy transfer. *Journal of Physical Chemistry* 100 (39): 16034-16040.

Pimblott, Simon M.

- C. E. Bolton, N. J. B. Green and S. M. Pimblott. 1996. Modelling of geminate annihilation in quasi-one-dimensional solids. *Journal of the Chemical Society, Faraday Transactions* 92 (18): 3391-3400.

Schuler, Robert H.

- See under LaVerne, Jay A. 1996. *Journal of Physical Chemistry* 100 (39): 16034-16040.

THE GRADUATE SCHOOL OFFICE OF RESEARCH

Awards Received and Proposals Submitted

In the period September 1, 1996, through September 30, 1996

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	10	689,035	15	1,779,450	25	2,468,485
Facilities and Equipment	0	0	1	147,500	1	147,500
Instructional Programs	1	190,000	0	0	1	190,000
Service Programs	1	7,320	3	33,331	4	40,651
Other Programs	<u>1</u>	<u>40,130</u>	<u>4</u>	<u>92,473</u>	<u>5</u>	<u>132,603</u>
Total	13	926,485	23	2,052,754	36	2,979,239

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	7	820,585	19	3,766,203	26	4,586,788
Facilities and Equipment	0	0	2	173,435	2	173,435
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>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	7	820,585	21	3,939,638	28	4,760,223

THE GRADUATE SCHOOL OFFICE OF RESEARCH

Awards Received

In the period September 1, 1996, through September 30, 1996

AWARDS FOR RESEARCH

Biological Sciences

Bender, H.
Human Genetics Program — Regional Genetics Center
Indiana State Department of Health
\$98,127 12 months

Bridgham, S.
Environmental Gradients Structuring Peatland
Communities
National Science Foundation
\$100,000 12 months

Civil Engineering and Geological Sciences

Pyrak-Nolte, L.
Effects of Micro and Macro-Scale Interfaces on Wave
Propagation
Department of Energy
\$78,398 12 months

Fleischman, R.
Fellowship for Christopher Thomas
PCI Institute
\$10,000 12 months

Gray, W.
Interfaces in Porous Media Flow
Department of Energy
\$383,812 36 months

Parallel Algorithms for Surface Water and Transport
University of Texas
\$65,000 35 months

Chemical Engineering

McGinn, P.
Processing of Superconducting Microlaminates
Purdue University
\$33,415 60 months

Critical Current Density in YBCO Superconductors
Purdue University
\$69,435 84 months

Wolf, E.
Fellowship Grant
Texaco Foundation
\$40,000 12 months

Brennecke, J., Stadtherr, M.
Metal Chelate Solubility in Supercritical CO₂
Department of Energy
\$300,000 36 months

Miller, A., Bandyopadhyay, S.
Superconducting Quantum Structures
Purdue University
\$1,520 48 months

Chemistry and Biochemistry

Castellino, F.
Oligosaccharide Assembly on Recombinant Proteins
National Institutes of Health
\$233,037 12 months

Brown, S.
Cooperative Effects on Chemical Reactivity
C. & H. Dreyfus Foundation, Inc.
\$25,000 60 months

Computer Science and Engineering

Hu, X.
Research in Hardware/Software Codesign
Hewlett-Packard
\$62,457 43 months

Research in Hardware/Software Codesign
Hewlett-Packard
\$30,770 43 months

Kogge, P., Bass, S., et al.
Point Design for 100 TF PIM-Based Computers
National Science Foundation
\$100,000 12 months

Electrical Engineering

Antsaklis, P., Lemmon, M.
Efficient Methodologies for DES Control Design
National Science Foundation
\$240,000 36 months

Graduate School

Diffley, P.
Fellowships for Antonia Dey and Danielle Tillman
National Science Foundation
\$40,521 12 months

Physics

Tanner, C.
Precision Measurements of Atomic Lifetimes
Department of Energy
\$135,000 12 months

Blackstead, H.
Microwave and Optical Studies of HTSC
Purdue University
\$125,000 84 months

THE GRADUATE SCHOOL OFFICE OF RESEARCH

Ruggiero, S.

Transport Properties of YBCO Thin Films
Purdue University
\$63,250 84 months

Bunker, B.

Experimental Facilities Studies at Advanced Photon
Source

Department of Energy
\$200,000 12 months

XAFS Collaboration

Argonne National Laboratory
\$9,730 3 months

Program of Liberal Studies

Power, F.

NAFSA Grant for Graduate Student Stipend
NAFSA/Association of International Educators
\$9,013 12 months

Psychology

Day, J., Bolig, E.

Children's Social-Cognitive Zone of Proximal
Development

Department of Health and Human Services
\$15,000 12 months

AWARDS FOR FACILITIES AND EQUIPMENT

Chemical Engineering

McGinn, P., Miller, A., et al.

Acquisition of an X-ray Diffractometer
National Science Foundation
\$147,500 12 months

AWARDS FOR INSTRUCTIONAL PROGRAMS

Office of Special Instructional Projects and Activities

Borelli, M.

CANDAX McNair
Department of Education
\$190,000 12 months

AWARDS FOR SERVICE PROGRAMS

Center for Continuing Formation in Ministry

Lauer, E.

Center for Continuing Formation in Ministry
Various Others
\$24,525 1 month

Center for Social Concerns

McNeill, D.

Service Learning Coordinator Chapin Street Clinic
Indiana Campus Compact
\$7,320 11 months

Center for Pastoral Liturgy

Bernstein, E.

Center for Pastoral Liturgy

Various Others
\$8,174 1 month

Center for Pastoral Liturgy

Various Others
\$632 1 month

AWARDS FOR OTHER PROGRAMS

Electrical Engineering

Antsaklis, P.

IEEE CDC Travel Funds
National Science Foundation
\$40,000 12 months

Porod, W.

International Workshop on Computational Electronics
National Science Foundation
\$12,473 12 months

Graduate School

Diffley, P.

Javits Fellowships for J. Ross and M. Bowler
Department of Education
\$40,130 12 months
Fellowship for Tracey A. Gibson
Packard Foundation
\$20,000 12 months

Institute for International Peace Studies

Hayner, A.

NAFSA Grant for Bakhtiyor Kadirov
NAFSA/Association of International Educators
\$20,000 24 months

THE GRADUATE SCHOOL OFFICE OF RESEARCH

Proposals Submitted

In the period September 1, 1996, through September 30, 1996

PROPOSALS FOR RESEARCH

Aerospace and Mechanical Engineering

- Corona, E.
Buckling of Structural Members Under Cyclic Loading
National Science Foundation
\$177,136 36 months
- Thomas, F.
Characterization of Unsteady Aspects of Jet Screech
McDonnell Douglas Corporation
\$35,000 12 months
- Thomas, J.
Fatigue Testing of WE43-T6 Magnesium Alloy
Allied Signal, Inc.
\$1,000 12 months

Biological Sciences

- Duman, J., Murphy, M.
REU Site Program for Cellular and Molecular Biology
National Science Foundation
\$187,491 36 months
- Müller, I.
Role of IL-4 in Susceptibility
National Institutes of Health
\$322,443 12 months

Civil Engineering and Geological Sciences

- Fleischman, R.
Compatibility Model for Bolted Moment Connections
National Science Foundation
\$208,594 36 months
- Silliman, S.
An REU Site in Civil Engineering at Notre Dame
National Science Foundation
\$161,400 36 months
- Fein, J.
Bacterial Effects During Biogenesis
American Chemical Society
\$75,000 36 months
- Maginn, E.
Computer Simulation Studies of Ultrathin Lubricant Films
ACS Petroleum Research Fund
\$20,000 24 months
- Brennecke, J.
Supplement to PRF 30840-AC4
American Chemical Society
\$5,000 4 months

Chemistry and Biochemistry

- Hartland, G.
Ultrafast IR Spectroscopy of Semiconductor Clusters
ACS Petroleum Research Fund
\$5,000 3 months
- Thomas, J.
Rapid Reactions of Ions
National Science Foundation
\$711,908 36 months
- Smith, B.
Novel Membrane Processes
American Chemical Society
\$125,000 60 months
- Hammes-Schiffer, S.
Simulation of Proton and Hydride Transfer in Biological Systems
Arnold and Mabel Beckman Foundation
\$200,000 24 months
- Simulation of Proton and Hydride Transfer in Enzymes
National Institutes of Health
\$108,101 12 months

Computer Science and Engineering

- Chen, D.
Shortest Paths in Computational Geometry
Department of the Navy
\$325,000 36 months

Mathematics

- Rosenthal, J.
Algebraic Methods in Systems Theory
National Science Foundation
\$129,769 36 months
- Cao, J.
Geometric Analysis on Manifolds with Non-positive Curvature
National Science Foundation
\$98,725 36 months

Physics

- Ruggiero, S.
Travel to Attend HTSED Workshop '97
Purdue University
\$4,988 12 months
- Bennett, D.
Measuring Proper Motions of Galactic Microlenses
Space Telescope Science Institute
\$49,266 12 months
- Bigi, I.
Subtle Tests of the Standard Model
National Science Foundation
\$488,962 60 months

THE GRADUATE SCHOOL OFFICE OF RESEARCH

Bennett, D., Rettig, T., et al.
Search for Extra-Solar Planets via Gravitational
Microlensing

National Science Foundation
\$382,443 36 months

Barabasi, A.

Morphology of Ion Bombarded Surfaces

Department of Energy
\$162,978 36 months

Bunker, B.

XAFS Collaboration

Argonne National Laboratory
\$9,730 1 month

Schiffer, P.

Investigation of Colossal Magnetoresistance
Phenomenon

Department of the Navy
\$380,000 36 months

Psychology

Cummings, E.

Family Process, Emotional Security, and Child
Adjustment

National Institutes of Health
\$211,854 12 months

PROPOSALS FOR FACILITIES AND EQUIPMENT

Civil Engineering and Geological Sciences

Spencer, B., Fleischman, R., et al.

Engineering Research Equipment
National Science Foundation

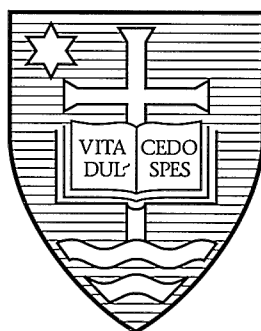
\$109,985 12 months

Electrical Engineering

Hall, D.

Impurity-Induced Layer Disordering System for
Optoelectronics

National Science Foundation
\$63,450 12 months



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