

'78-'79

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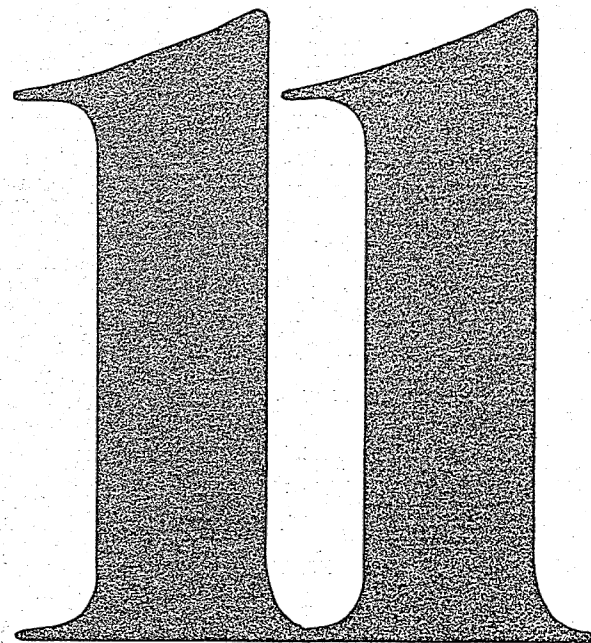
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the university

New Advisory Council Members

Robert H. Michaud, midwest regional counsel for Bendix Corporation, has been named to a three-year term on the Law School Advisory Council. He received a Juris Doctor degree at Notre Dame in 1951 and is a South Bend resident.

John R. Cooke, vice president for corporate staff personnel of Clark Equipment Company and also a South Bend resident, has been named to a three-year term on the College of Engineering Advisory Council. He received undergraduate and graduate degrees at Fairleigh Dickinson University.

Robert P. Quinn, a Notre Dame alumnus and a general partner in the New York City investment banking firm of Salomon Brothers, has been named to the Advisory Council of the College of Arts and Letters.

Notre Dame's Advisory Councils consist of between 30 and 40 business and professional leaders who meet annually with deans and other academic administrators to discuss the development of the University's colleges, as well as its Law School, library and art museum.



'Campaign for ND' Gifts

Acme Die Casting Corporation, a manufacturer of zinc and aluminum die castings in Racine, Wis., has made a \$100,000 commitment to the Campaign for Notre Dame, the University's current development program. This is the largest in a series of contributions made to the University by the corporation since 1962, and it will be applied to the general unrestricted endowment.

More than \$109 million has been obtained in gifts and pledges since the \$130 million Campaign was announced in April 1977.

Third World Relief Fund

The 1979 Third World Relief Fund appeal will be designed to support private agencies as they channel assistance to the poorest sections of the population in Africa, Asia and Latin America. Last year 196 members of the Notre Dame community contributed to one or several of the following agencies: Catholic Relief Services, Cooperative for American Relief Everywhere, The Co-Workers of Mother Theresa, Interreligious Foundation on Community Organizations/RAINS, OXFAM-America, The United Nations Children's Fund, Christian Organization for Relief and Rehabilitation.

Faculty and staff members at the University will be receiving a description of the agencies and a pledge card from the faculty organizers of the drive. For more information about the Fund, including payroll deductions, contact Profs. Robert Rodes, Peter Walshe, or Rev. Claude Pomerleau, C.S.C.

New Book by Hesburgh

"The Hesburgh Papers: Higher Values in Higher Education," a collection of essays by Rev. Theodore M. Hesburgh, C.S.C., president of the University of Notre Dame, will be published in May by Andrews and McMeel, Inc.

The topics covered by Father Hesburgh, whose 27 years at Notre Dame give him the longest tenure among active American college and university presidents, include the contemporary Catholic university, the civil rights revolution, the years of campus crisis, and the post-Vatican II Church.

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The book draws upon Father Hesburgh's off-campus experiences as a charter member and former chairman of the U.S. Commission on Civil Rights, the former head of the International Federation of Catholic Universities, chairman of the Overseas Development Council and president of the Rockefeller Foundation. His most recent book was "The Humane Imperative," published in 1974 by the Yale University Press.

faculty notes

Appointments

Donald P. Costello, professor of English, has been appointed chairman of the Program in American Studies. His appointment is effective immediately, and he will retain his professorship in English.

Peter C. Grande, has been promoted from assistant to associate dean of the Freshman Year of Studies.

Honors

Robert J. Havlik, assistant director for Technical Services, Memorial Library, has been appointed by the Indiana Chapter of the Special Libraries Association to a committee to review the new forthcoming Indiana State Library Five Year Plan.

Rev. Theodore M. Hesburgh, C.S.C., President of the University, has been appointed to President Carter's Commission on the Holocaust, which is charged with recommending a suitable memorial in the U.S. of the tragedy. Hesburgh is also among the leaders of a newly formed bipartisan citizens' lobby to press for ratification of the Strategic Arms Limitation Treaty between the U.S. and the Soviet Union.

Tang Thi Thanh Trai Le, associate professor of law, has been awarded a Charles A. Dana Fellowship to complete a Comparative Study of French and American Legal Ethics for publication.

John R. Lloyd, professor of aerospace and mechanical engineering, has been appointed by the Executive Committee of the American Society of Mechanical Engineers as Chairman of K-12, Committee on Aircraft and Astronautical Heat Transfer. The appointment is for three years, beginning on July 1, 1979.

Robert H. Schuler, professor of chemistry and director of the Radiation Laboratory, has been appointed to the Editorial Board of the Journal of Physical Chemistry for the term 1979-1982.

Donald C. Sniegowski, assistant dean of the College of Arts and Letters and associate professor of English served on the Indiana Committee of Selection for the Rhodes Scholarship Trust on Dec. 13, 1978.

Anthony M. Trozzolo, Huisking Professor of Chemistry, has become the chairman for 1979 of the St. Joseph Valley Section of the American Chemical Society.

Activities

Teoman Ariman, associate professor of aerospace and mechanical engineering, chaired a session entitled "Seismic Hazard Analysis" at a meeting of the American Society of Civil Engineers on Probabilistic Mechanics and Structural Reliability held in Tucson, Ariz., Jan. 10-12.

Howard A. Blackstead, associate professor of physics, presented a paper, "Phonon Spectroscopy and Forbidden Transitions in Rare Earths and Transition Metal Ferromagnets," at the 24th Annual Conference on Magnetism and Magnetic Materials in Cleveland, Oh., Nov. 18, 1978.

Isabel Charles, dean of the College of Arts and Letters, was a participant at the Indianapolis meeting of the National Identification Program for the Advancement of Women in Higher Education Administration on Jan. 21-22. She is a member of the group's state planning committee.

Jay P. Dolan, associate professor of history and director of the Center for the Study of American Catholicism, took part in a panel review meeting conducted by the National Endowment for the Humanities on Jan. 3-5 in Washington D.C. to evaluate proposals submitted to the Division of Public Programs.

He also delivered the Hecker Day Lecture at St. Paul's College in Washington, D.C. on Friday, Jan. 26. The title of his talk was "The Vision of the Early Paulists."

On Jan. 28 Dolan delivered a lecture at the Paulist Center in Boston, Mass., on the theme of "American Spirituality: Rational and Emotional."

Annim Henglein, visiting professor of chemistry and scientist in the Radiation Laboratory, presented a seminar entitled "Reactions of Radicals at Large Carriers in Solution" at Indiana University at South Bend on Jan. 24, 1979.

David Clark Isele, assistant professor of music and conductor of the Notre Dame Chorale, composed two new pieces on the poetry of Ann Staley which premiered on the Nov. 12 campus concert and were performed on the Chorale's Winter Concert Tour of Ohio, Pennsylvania and Maryland. The pieces are "The Harvest Moon," and "A Basket Softly Wicker."

Mitchell Jolles, assistant professor of aerospace and mechanical engineering, presented a seminar entitled "Optical Techniques for Stress Intensity Factor Determination" at the University of Florida, Gainesville on Jan. 22, 1979. Jolles also delivered a lecture on the same topic at the University of Missouri, Columbus, on Jan. 29.

John J. Kennedy, professor of marketing, has been invited to participate in the Department of Commerce's on-going committee investigating the decline in innovation in U.S. industry. He also presented a paper entitled "Living in the Next Decade at the Westward Pharmaceutical Company Management Conference on Nov. 17, 1978.

V. Paul Kenney, professor of physics, presented a seminar, "Correlated Multiparticle Production in High Energy Hadron Interactions," to the Physics Department, Brookhaven National Laboratory, on Dec. 7, 1978.

Kwan S. Kim, associate professor of economics, delivered a paper entitled, "Measuring the Impact of Import Substitution Policies in Mexico," at the North American Economic Studies Association meetings in Mexico City on Dec. 29, 1978. The paper was co-authored with Gerardo Turrubiate-Martin (in Spanish).

Anne Lacombe, associate professor of modern and classical languages, participated in the national convention of the Modern Language Association in New York City on Dec. 27-30, and read a paper "Hypotheses et marivaudage" in a seminar on Marivaux.

John R. Malone, professor of marketing, delivered a lecture entitled "Business Ethics: A Decision Making Model" to MBA students at the University of Chicago at a meeting held in Calvert House on the campus, Jan. 22.

A. Mozumder, associate faculty fellow in the Radiation Laboratory, led a seminar entitled "Solvated Electron in Radiation Chemistry" at the University of Delaware, Oct. 27, 1978.

Thomas Murphy, professor of finance, delivered a lecture, "The Problem and Potential Solutions to the Weak American Dollar Abroad" at the American International University, London, England on Nov. 14, 1978.

Timothy O'Meara, provost, delivered a lecture on the Linear Groups to the mathematics colloquium of the University of Illinois at Chicago Circle on Jan. 10.

Irwin Press, associate professor of anthropology, delivered an address "Which Doctor is the Witch Doctor: The Cultural Side of Medicine," to the Saint Joseph County Medical Society on Jan. 9.

Konrad Schaum, chairman and professor of modern and classical languages, delivered a paper entitled "Zeit-und Gesellschaftskritik in Grillparzers Dramen" during the annual meeting of the Modern Language Association in New York on Dec. 30, 1978.

J. Kerry Thomas, professor of chemistry, presented an invited talk entitled "Influence of Micelles on Photochemical Reactions" at Virginia State University, Blacksburg, Virginia on Jan. 11. Thomas also presented an invited seminar entitled "Fast Reactions in Micelles" at the Proctor and Gamble Research Laboratories in Cincinnati on Jan. 30.

Balu Venkataraman, visiting professor of chemistry and scientist in the Radiation Laboratory, presented a seminar entitled "Study of Solvent-Radical and Radical-Radical Interactions by ESR T₁ Measurements" at Argonne National Laboratory, Argonne, Illinois, on Jan. 22.

office of advanced studies

Information Circulars

Additional information on all circulars listed below may be obtained by calling the following extensions:

- Extension 7432, for information on federal government programs.
- Extension 7433, for information on private foundations, corporations and state agencies.

Association of American Colleges Project Quill Quality in Liberal Learning

No. FY79-87

Purpose:

To support innovative projects in liberal learning in three areas: Crossing boundaries between or among the humanities, sciences and social sciences; strengthening the liberal learning component of continuing education; and integrating liberal learning with career and professional education.

Eligibility:

AAC institutional members only. Proposals may be initiated by faculty, administrators, staff or students of AAC membership units. Joint proposals by several persons, departments or cooperating institutions are encouraged.

Awards:

Awards range from \$1,000 to \$10,000, with the average expected to be about \$3,500.

Deadlines:

Applications may be made at any time, but to be considered in each round must be postmarked no later than:

June 15, 1979
October 15, 1979
February 15, 1980

Commitments:

Applicants may combine QUILL funds with funds from other sources - for example, released time, staff service or other contributions. Indirect costs are not allowed.

Proposal Guidelines:

After reviewing proposals in the first two rounds, QUILL has compiled certain suggestions for those who might wish to prepare future proposals. For a list of these suggestions, detailed proposal guidelines and an application form contact The Office of Advanced Studies, Division of Research and Sponsored Programs, Extension 7433.

Current Publications And Other Scholarly Works

ARTS AND LETTERS
HUMANISTIC AND SOCIAL STUDIES

American Studies

Schlereth, Thomas J.

T.J. Schlereth. 1978. An emerging entertainment. Indiana Magazine of History 74(4):371-373.

T.J. Schlereth. 1978. Collecting ideas and artifacts: Common problems of history museums and history texts. Roundtable Reports :1-3;9-12.

T.J. Schlereth. 1978. The enlightenment in America. Eighteenth Century Studies 12(2):538-544.

SCIENCE

Biology

Fuchs, Morton S.

M.S. Fuchs, D.A. Schlaeger and C. Shroyer. α -Ecdysone does not induce ovarian development in Aedes aegypti. The Journal of Experimental Zoology 207(1):153-159.

Chemistry

Castellino, Francis J.

R. Byrne and F.J. Castellino. 1978. The influence of metal ions in the activation of bovine factor IX by the coagulant protein of Russell's viper venom. Archives of Biochemistry and Biophysics 190(2):687-692.

V.A. Ploplis, J.K. Thomas and F.J. Castellino. 1979. Comparative studies of the physical state of the lipid phase of normal and hypercholesterolemic very low density lipoprotein. Chemical Physics Lipids 23:49-62.

Curran, C.

- *D. Petridis, T. Lockwood, M. O'Rourke, D.V. Naik, F.P. Mullins and C. Curran. 1979. Mössbauer studies of tin (IV) complexes with chelating anionic ligands. Inorganica Chimica Acta 33(1): 1-5.

Fessenden, Richard W.

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Gould, J. Michael

- J.M. Gould and C. Underwood. 1978. Hg^{2+} - induced turnover of the chloroplast ATP synthetase complex in the absence of ADP and phosphate. FEBS Letters 95:197-201.

Hayes, Robert G.

- S. Muralidharan and R.G. Hayes. 1978. XPS studies of the valence electron levels of metalloporphyrins. Chemical Physics Letters 57:630-632.

Pasto, Daniel J.

- D.J. Pasto. 1979. Reinterpretation of the mechanisms of concerted cycloaddition and cyclodimerization of allenes. Journal of the American Chemical Society 101:37-46.

- D.J. Pasto and C.R. Johnson. 1979. Laboratory text for organic chemistry. A source book of chemical and physical techniques. Prentice-Hall, Inc., Englewood Cliffs, New Jersey. 542 pp.

Scheidt, W. Robert

- D.A. Summerville, I.A. Cohen, K. Hatano and W.R. Scheidt. 1978. Preparation and physical and stereochemical characterization of the tricyanomethanide salt of 5,10,15,20-tetraphenylporphyrinatoiron (III). A six-coordinate intermediate-spin complex. Inorganic Chemistry 17:2906-2910.
- T. Mashiko, M.E. Kastner, K. Spartalian, W.R. Scheidt and C.A. Reed. Six coordination in high-spin ferric porphyrins. A new structural type and models for aquomethemoglobin. Journal of the American Chemical Society 100:6354-6362.

Thomas, J. Kerry

- V.A. Ploplis, J.K. Thomas and F.J. Castellino. 1979. Comparative studies of the physical state of the lipid phase of normal and hypercholesterolemic very low density lipoprotein. Chemical Physics Lipids 23:49-62.

- *J.K. Thomas, F. Grieser and M. Wong. 1978. Fast reactions in micelles. Berichte der Bunsen-Gesellschaft Physical Chemistry 82:937-949.

- *T. Platzner, J.K. Thomas and M. Gratzel. 1978. Fluorescence and proton nuclear magnetic resonance studies of thallous ions - crown ether complexes in organic solvents. Z. Naturforsch 33b:614-618.

- *G.R. Burleson, C.F. Kulpa, H.E. Edwards and J.K. Thomas. 1978. Fluorescent probe studies of normal, persistently infected, rous sarcoma virus-transformed and trypsinized rat cells. Experimental Cell Research 116:291-300.

Walter, CSC, Joseph L.

- T.J. McGee and J.L. Walter, CSC. Infrared spectra of the copper (II), nickel (II) and palladium (II) complexes of 4-amino-3-pentene-2-one. Spectroscopy Letters 11(10):765-798.

* Under the Radiation Laboratory

Mathematics

Stoll, Wilhelm

- W. Stoll. Boundary values of holomorphic and meromorphic functions. Bulletin of the Institute of Mathematical Academia Sinica 6(2):247-258.

Physics

Bishop, James M.

- V.P. Kenney, N.N. Biswas, J.M. Bishop, N.M. Cason, R.C. Ruchti and W.D. Shephard, et al. 1978. Observations of three-particle correlations in inclusive π -p reactions at 200 GeV/c. Nuclear Physics B144:312-316.

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Biswas, Nripendra N.

- V.P. Kenney, N.N. Biswas, J.M. Bishop, N.M. Cason, R.C. Ruchti and W.D. Shephard, et al. 1978. Observations of three-particle correlations in inclusive π -p reactions at 200 GeV/c. Nuclear Physics B144:312-316.

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Cason, Neal M.

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Kenney, V. Paul

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Kolata, James J.

- G.B. Sherwood, K.A. Erb, D.L. Hanson, R.J. Ascutto, D.A. Bromley and J.J. Kolata. 1978. Interference effects in the reaction $^{48}Ti(^{16}O, ^{15}N)$. Physical Review C 18:2574-2583.

Poirier, John A.

- C.A. Rey, R.J. Wojcik, J.A. Poirier and J.T. Volk. Fast analog logic for multiwire proportional chambers. Nuclear Instruction & Methods 157:401-403.

- Ruchti, Randal C.
 V.P. Kenney, N.N. Biswas, J.M. Bishop, N.M. Cason, R.C. Ruchti and W.D. Shephard, et al. 1978. Observations of three-particle correlations in inclusive π^-p reactions at 200 GeV/c. Nuclear Physics B144:312-316.
 E. Lehman, J.M. Bishop, N.N. Biswas, R.L. Bolduc, N.M. Cason, P.D. Higgins, V.P. Kenney, R.C. Ruchti and W.D. Shephard. 1978. Tests of the quark-parton model in soft hadronic processes. Physical Review D18:3353-3356.
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 Shephard, William D.
 W.D. Shephard. 1978. Studies of π^-p Interactions in the fermilab hybrid system. Pages A33-A74 in, Proceedings of IX International Symposium on High Energy Multiparticle Dynamics, Tabor, Czechoslovakia.
 V.P. Kenney, N.N. Biswas, J.M. Bishop, N.M. Cason, R.C. Ruchti and W.D. Shephard, et al. 1978. Observations of three-particle correlations in inclusive π^-p reactions at 200 GeV/c. Nuclear Physics B144:312-316.
 E. Lehman, J.M. Bishop, N.N. Biswas, R.L. Bolduc, N.M. Cason, P.D. Higgins, V.P. Kenney, R.C. Ruchti and W.D. Shephard. 1978. Tests of the quark-parton model in soft hadronic processes. Physical Review D18:3353-3356.

ENGINEERING

Aerospace and Mechanical Engineering

- Huang, Nai-Chien
 N.C. Huang. 1978. Finite extension of an elastic strand with a central core. Journal of Applied Mechanics 45(4):852-857.
 Mueller, Thomas J.
 A.V. Arena and T.J. Mueller. 1979. On the laminar separation, transition and turbulent reattachment of low reynolds number flows near the leading edge of airfoils. Pages 1-10 in, 17th Aerospace Sciences Meeting, New Orleans, Louisiana.

Chemical Engineering

- Varma, Arvind
 A. Varma. 1978. Some comments on the upward spiral. AIChE Journal 24:158-159.
 C.J. Pereira and A. Varma. 1978. Effectiveness factors for the case of mildly concentration-dependent diffusion coefficients. Chemical Engineering Science 33:396-399.
 J.B. Wang and A. Varma. 1978. Effectiveness factors for pellets with step-distribution of catalyst. Chemical Engineering Science 33:1549-1552.
 A.L. DeVera and A. Varma. 1978. Field optimization in complex reaction networks. Modeling and Simulation 9:1425-1431.

- C.J. Pereira and A. Varma. 1978. Uniqueness criteria of the steady state in automotive catalysis. Chemical Engineering Science 33:1645-1657.
 P. Varghese, A. Varma and J.J. Carberry. 1978. Catalytic effectiveness and yield: The case involving finite external and internal area. Industrial and Engineering Chemistry Fundamentals 17:195-199.
 C.J. Pereira, J.J. Carberry and A. Varma. 1978. Some modeling and simulation aspects in automotive catalysis. Pages 336-347 in, Proceedings 1978 Summer Computer Simulation Conference.

ARCHIVES

- Spencer, Thomas T.
 T.T. Spencer. 1978. The Good Neighbor League Colored Committee and the 1936 Democratic Presidential Campaign. The Journal of Negro History 63:307-316.

CENTER FOR CONTINUING EDUCATION

- Bergin, Thomas P.
 T.P. Bergin and Sr. K. Martin, S.P. 1979. Perceiving art as a process-not just a product. The Education Digest, January.

RADIATION LABORATORY

- Patterson, Larry K.
 R.D. Small, Jr., J.C. Scaiano and L.K. Patterson. 1978. Radical processes in lipids. A laser photolysis study of t-butoxy radical reactivity toward fatty acids. Photochemistry and Photobiology 29:49-51.
 Scaiano, Juan C.
 R.D. Small, Jr., J.C. Scaiano and L.K. Patterson. 1978. Radical processes in lipids. A laser photolysis study of t-butoxy radical reactivity toward fatty acids. Photochemistry and Photobiology 29:49-51.
 Small, Jr., Richard D.
 R.D. Small, Jr., J.C. Scaiano and L.K. Patterson. 1978. Radical processes in lipids. A laser photolysis study of t-butoxy radical reactivity toward fatty acids. Photochemistry and Photobiology 29:49-51.

Monthly Summary

Awards Received

IN THE MONTH OF JANUARY, 1979

Department or Office	Principal	Short title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Chemistry	Nowak	Information transfer-enzyme activation	Natl. Inst. Health	32,011 12
Chemistry	Castellino	Structure-function studies on plasminogen and plasmin	Natl. Inst. Health	68,077 12
Microbiology - Lobund Lab.	Burleson, Pollard	Inactivation of mutagens, carcinogens, viruses and bacteria by ozone	TII Corp., Ecology Div.	20,000 12
Aerospace Mech. Eng.	Ariman, McComas	Collection efficiency and pressure drop in dust collection by fabric filters	Gen. Motors Corp.	17,485 9
Microbiology - Lobund Lab.	Pollard	New treatment agent for metastatic cancer	Canc. Soc. St. Jos. Cty.	12,500 12
Microbiology - Lobund Lab.	Pollard	Care and maintenance of germfree animals for research in molecular biology	Miles Labs, Inc.	2,000 12
AWARD FOR FACILITIES AND EQUIPMENT				
Memorial Library	Miller	College library resources program	U.S. Off. Educ.	3,963 12
AWARD FOR EDUCATIONAL PROGRAMS				
Law School	Shaffer	Lilly Endowment Faculty Open Fellowship 1979-80	Lilly Endow., Inc.	20,000 9
SERVICE PROGRAMS				
Cent. Human Devel.	Dwyer	Needs assessment program	---	33,695 --
Cent. Past. Soc. Min.	Gallen	Notre Dame Center for Pastoral Liturgy	---	775 --
Cent. Past. Soc. Min.	Pelton	Notre Dame Institute for Clergy Education	---	1,163 --

Proposals Submitted

IN THE MONTH OF JANUARY, 1979

Department or Office	Principal	Short title	Sponsor	Dollars Months
PROPOSALS FOR RESEARCH				
Microbiology - Lobund Lab.	Kulpa	Relationship of thiobacillus membranes to acid-stability	Clemson Univ.	31,559 12
General Program	Lyon	History, liberal arts, symbolic systems: Logic of curricular construction	Natl. Human. Cent.	-- 9
Chemistry	Castellino	Structure - function studies on plas- minogen and plasmin	Natl. Inst. Health	124,082 12
Metallurgical Eng.	Fiore	Environment - assisted failure of FCC high alloys	Natl. Sci. Fdn.	100,714 12
Biology	Saz	Intermediary metabolism of helminths	Natl. Inst. Health	125,063 12
Government - Intl. Stud.	Walshe	Mission/public policy in a repressive society: Christian Inst. of So. Africa	Maryknoll Cent. Mission Stud.	28,800 10
Economics	Craypo, Davisson	Displaced production workers' employ- ment and earnings experience	Dept. Labor	10,405 3
Microbiology	Wostmann	Thyroid function in aging germfree rats and mice	Natl. Inst. Health	63,851 12
Psychology	Merluzzi	"Rape Fantasy", personality and imaginal processes	Natl. Inst. Health	7,309 12
Management, Law	Vecchio, Soderquist	Psychological consequences of attending law school	Natl. Sci. Fdn.	67,127 48
General Program	Lyon	East Asian civilizations/Catholic mis- sionary activity in the 20th Century	Maryknoll Cent. Mission Stud.	28,500 12
Biology	Bender	Biological/genetic investigations of UHV transmission line electric fields	Amer. Elec. Power Serv. Corp.	33,704 12
Biology	Greene, Gajda	Biological effects of UHV transmission line electric fields	Amer. Elec. Power Serv. Corp.	33,933 12
Earth Sciences	Winkler	Preservation of monuments of limestone and sandstone	(Private Fdn.)	40,706 24
Biology	Weinstein	Development of parasitic helminths In Vitro	Natl. Inst. Health	119,865 12
Electrical Eng.	Sain	Total synthesis algorithms for multi- variable control systems	U.S. Navy	59,984 12
PROPOSALS FOR FACILITIES AND EQUIPMENT				
Aerospace Mech. Eng.	Lloyd, Mueller	Two color laser doppler anemometer	Natl. Sci. Fdn.	24,323 12
Civil Eng.	Theis	Engineering equipment grant request - research on toxic organic compounds	Natl. Sci. Fdn.	13,900 12
Aerospace Mech. Eng.	Daschbach, Slepicka	Specialized computer-video equipment	Natl. Sci. Fdn.	13,783 12
Electrical Eng.	Ajmera, Gajda, Kwor	Mass spectrometer/sputter-etch gun for molecular beam epitaxy system	Natl. Sci. Fdn.	19,250 12
Chemical Eng.	Wolf	Infrared stud. of surface dynamics during CO oxidation on PT supported catalysis	Natl. Sci. Fdn.	87,210 12
Electrical Eng.	Kwor, Gajda, Stanchina	Engineering equipment grant request - a sputtering system	Natl. Sci. Fdn.	41,118 12
PROPOSALS FOR EDUCATIONAL PROGRAMS				
Law School	Link, Crutchfield	Council on Legal Opportunity 1979 summer institute	Coun. Legal Educ. Oppor.	44,806 6 wk
Metallurgical Eng.	Kuczynski, Miller	International conference on sintering and related phenomena	U.S. Navy	17,959 12
Metallurgical Eng.	Kuczynski, Miller	International conference on sintering and related phenomena	Dept. Energy	17,959 12
SERVICE PROGRAMS				
Cent. Past. Soc. Min.	Dwyer	Center for Human Development	Aimee Flanagan Fdn.	118,072 12
Cent. Past. Soc. Min.	Dwyer, Egan	Center for Human Development	Aimee Flanagan Fdn.	300,000 --

Summary of Awards Received and Proposals Submitted

IN THE MONTH OF JANUARY, 1979

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	3	\$ 90,007	3	\$ 161,996	6	\$ 252,003
Facilities and Equipment	-	- - -	1	3,963	1	3,963
Educational Programs	-	- - -	1	20,000	1	20,000
Service Programs	-	- - -	3	35,633	3	35,633
Total	3	\$ 90,007	8	\$ 221,592	11	\$ 311,599

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	5	\$ 503,657	11	\$ 371,945	16	\$ 875,602
Facilities and Equipment	1	13,783	5	185,801	6	199,584
Educational Programs	1	44,806	2	35,918	3	80,724
Service Programs	-	- - -	2	418,072	2	418,072
Total	7	\$ 562,246	20	\$ 1,011,736	27	\$ 1,573,982

Closing Dates for Selected Sponsored Programs

Proposals must be submitted to the Office of Research and Sponsored Programs seven (7) calendar days prior to the deadline dates listed below.

Agency	Programs	Application Closing Dates	
International Research and Exchanges Board	Special Grants for Collaborative Activities and New Exchanges	March	31, 1979
National Institute of Education	Research in Education (teaching and learning)	March	29, 1979
National Science Foundation	Research in Science Education	March	31, 1979
National Science Foundation	U.S.-Japan Cooperative Research	March	31, 1979
Office of Education	Handicapped Research and Demonstration Program (student research)	March	16, 1979

documentation

Faculty Committee for University Libraries Minutes December 21, 1978

Present:

Harvey A. Bender, Michael J. Crowe (chairman), Vincent P. DeSantis, Madonna Kolbenschlag (for Thomas J. Schlereth), John W. Lucey, John R. Malone and Robert C. Miller.

The meeting was called to order at 9 a.m. After slight alteration, the minutes of the Dec. 14, 1978 meeting were unanimously approved for publication.

Noise Problem on the 1st and 2nd Floors of the Memorial Library

Miller reminded the committee that in 1977 during a review of this same problem the committee decided it was an administrative, not a policy-making, concern. Miller sees four possible solutions: (1) learn to live with the problem; (2) remove the students from the area (which he views as being counter-productive); (3) remove the social gathering area by installing desk and office space in the second floor lobby; and/or (4) architectural changes. Prior recommendations for architectural changes would help, but not eliminate, the noise problem. Among these recommendations were carpeting of the second floor (at an approximate cost of \$100,000), installation of additional double doors to cushion the noise from the study areas, installation of acoustical ceiling tiles and screens, and installation of acoustical panels over the marble surfaces. The University Administration had indicated the general decor of the Memorial Library should not be altered.

There followed a general discussion of the use of space in the Memorial Library for various purposes including study, library operations, book shelving, office, etc. Miller also stated that the problem of noise must be viewed in terms of the kind of atmosphere that is wanted...he does not want the library to turn into a policed building.

Bender mentioned that he was pleased with the heavy use by students of the library facilities; not all libraries are as well-used. He suggested that the uses of the library be defined and that solutions to the noise problem be put in ranking order to be presented to the University Administration. He suggested that the library staff begin to formulate a recommendation and undertake an overall study of the library and how it can best develop long-range objectives. Perhaps an outside study would be appropriate.

Kolbenschlag suggested waiting for answers to the questionnaire to see what is perceived as critical areas of the library.

The committee recommended that the library personnel pursue modest architectural changes to the second floor to reduce the noise level.

Questionnaire

Committee members commented that the questionnaire was very well constructed and that the answers should produce numerous benefits in knowing what clientele want.

Bender asked if the statements regarding financial aspects of library operations should be included, indicating that this might represent a different level of inquiry. Miller responded by saying that he would like these statements included.

Malone asked if the faculty were in a position to answer some of the questions. He also suggested that the target should be primarily limited to the Memorial Library rather than including the branches. Miller expressed concern about what is not included in the questionnaire rather than anything now included, and mentioned several other areas he plans to include. The last question should be: What do other university libraries have that would make Notre Dame libraries great.

It was agreed that the questionnaire should be distributed to a random sample (about 20) faculty members and the feedback from this sample used to sharpen or clarify the questionnaire before it is distributed to all faculty members. This will be accomplished by the week of Jan. 22.

Smoking in the Closed Carrels

DeSantis stated that he is very concerned about smoking being allowed anywhere in the library, particularly in the closed carrels of the tower. Not only is it offensive to others, it also will add to the deterioration of the collection. In addition, it presents a fire hazard. Malone inquired if it has been established that smoking injures books.

Miller stated that the current policy regarding study carrels would have to be rewritten since, by implication, it permits smoking in the carrels and contains no statement about keeping the doors closed while smoking. Miller also suggested that smoking be allowed on every other floor of the stack tower.

DeSantis made the motion that the library try to eliminate smoking in carrels and in the stack tower.

The question was tabled until after a walk-through of the entire library by committee members and more details are available.

New Business

Bender suggested that the library staff begin to consider formulating specific long-range recommendations, articulating primary and secondary functions of the library, and indicating how best to develop long-range plans for library use. Miller indicated that the eight branch libraries would have to be included in such a study and statement. The turn-down of branch library requests for storage in the Memorial Library building was due to lack of sufficient shelving, not space per se. He stated that a space study of the stacks in the tower is being planned when the systems analyst returns to work.

Miller also suggested that the committee by necessity will have to get involved in the long-range discussions and planning for future bibliographic access. It will cost money and must be planned for. Bender asked if committee members could attend discussion sessions of the library staff. Miller requested that all data regarding the library come to committee members through him, not individual library staff members, indicating that priorities cannot be established by each and every member of the library staff. Bender stated that he respects the chain of command but indicated that committee members need information and broader exposure to library problems.

The optional tour of the library given by the director for committee members will be at 11 a.m. on Jan. 16.

The meeting adjourned at 11:20 a.m.

Minutes of the 186th Meeting of the Graduate Council December 11, 1978

(Approved at the 187th meeting of the Graduate Council, Jan. 24, 1979)

The chairman, Robert E. Gordon, called the meeting to order at 3:30 p.m. All the members were present with the exception of Dean Isabel Charles (excused), Dean Leo V. Ryan, C.S.V. (excused), Thomas A. Werge and Henry C. Mitchell. Dean Charles and Dean Ryan were represented by Robert E. Burns and Yusaku Furuhashi respectively. Gordon welcomed Julius T. Banchemo and Kraemer D. Luks to the meeting, particularly to take part in the presentation and discussion of the review of the graduate program in Chemical Engineering.

I. MINUTES OF THE 185th MEETING

The minutes were accepted as circulated.

II. REVIEW OF THE GRADUATE PROGRAM IN CHEMICAL ENGINEERING

The chairman of the University Review Committee, Anthony M. Trozzolo, reported that, in the view of the external reviewers, the department conducted a small, but sound, graduate program. They commended the department for achieving a good research reputation in spite of poor facilities (as existed in the present location), relatively low faculty salaries and non-competitive student stipends. Although this research reputation had been built on the strength of the entire faculty, the reviewers noted the central role played by one faculty member. On the other hand, they also stressed that the department had reached a critical point in its development and that its future was in question because of possible faculty departures, impending change in department chairmanship, and tension between the department and the college administration.

The department, according to Trozzolo, was in general agreement with the reviewers' assessment, except for their comments on the narrowness of research areas. The department's position was to emphasize the need for depth rather than breadth in light of the size of the faculty at present.

Trozzolo expressed his committee's concern with the review procedure itself. He felt that too much time had been given to one issue at the expense of other aspects of the program; that the second version of the Departmental Response did not address the question of the tension between the department and the college administration. In the final analysis, however, the committee agreed that the reviewers had assessed the strengths and weaknesses of the department in a competent manner, and that it was a valid review. Trozzolo concluded his comments by noting that the crisis feature of the review should not be overlooked, that faculty departures--if it were to happen--would seriously undermine the quality of the program; that the tension between the department and the college administration remained to be resolved; and that the perception of a crisis situation in the department might negatively affect its future recruitment efforts.

The Division Representative on the University Review Committee, Robert L. Irvine, agreed with Trozzolo's comments on the review. He expressed his personal disillusionment which had been heightened by the present review's procedure. Irvine reported the external reviewers' attempts, during their site visit, to alert the University Administration of what they perceived as a crisis situation in the department. He asked about the results of the external reviewers' reports.

The chairman of the Department of Chemical Engineering, Julius T. Banchemo, explained that the second version of the department response had been submitted in lieu of the first version, because it was more representative of the view of the faculty in the department. He admitted that the possibility of faculty departures was a matter of serious concern to his department.

Gordon shared the internal reviewers' concern that the review had been somewhat thrown off track, but felt that it would be unwise to impose a new review on the department at this time when it was soon to undergo a change in chairmanship. He noted, however, that the review did reveal some important aspects in the environment of the department. Moving to another point raised by the reviewers, he asked whether the program offered by the department was actually too narrow.

Banchero cited some evidence of cooperation with industry--Ford, Amoco--and argued that, although the department had selected only two major areas of graduate research, these areas were broad in themselves and were in the mainstream of chemical engineering. He felt that another area could be developed and sustained, but only if the size of the faculty were to grow significantly. He reiterated the department's philosophy of emphasizing the need for depth rather than breadth, given the present size of the faculty. Kraemer D. Luks supported Banchero's argument and added that the selection of the two major areas had been the deliberate choice of the department some years ago, and that the department had attained national reputation in these areas. The adoption of a third area would call for an enlargement of the faculty, and would have to be a decision of the University.

The meeting was then open for general discussion.

Morton S. Fuchs was concerned that the faculty in the Chemical Engineering Department felt they were being treated as "poor cousins" by the college. William D. Shephard asked whether the relationship between the department and the college had been improved. Banchero explained that there was dissatisfaction among the faculty with college rules concerning core courses, but added that core courses existed at the undergraduate level only.

Dean Joseph C. Hogan offered another reason for the second version of the departmental response, which was because some faculty in the department had not seen the first version. Too much of the review, according to Hogan, had revolved around one issue, although an important one. The college administration, Hogan said, would take measures to prevent faculty turnover, but there were limits to what the college could do in the way of salary increase. Hogan stressed that there was a great deal of flexibility in implementing college rules.

Gordon believed that some of the issues raised by the reviewers would be dealt with more appropriately by the College Council than by the Graduate Council. He repeated Trozzolo's earlier admonition that we should be more sensitive to other people's problems.

David C. Leege pointed to the "mismatch" between what the department could offer and what the prospective applicant sought as a possible cause of the department's lack of success in student recruitment. Both John W. Lucey and Banchero, however, believed that the real cause was low stipends.

Gordon called for separate motions to accept the Final Report (D) and the Departmental Response (C). Both reports were accepted without dissent.

III. ADMISSION TO THE GRADUATE FACULTY

The following members were admitted to the Graduate Faculty:

Department of Mathematics:

Arthur S. Shieh, assistant professor
Ronald Sverdlow, assistant professor

IV. ADMISSION TO DEGREE CANDIDACY

The two lists of admission to degree candidacy were approved as circulated, with the exception of one name to be deleted from the number of master's degree candidates, on the recommendation of the History Department.

V. CHAIRMAN'S REMARKS

Gordon reported on the following topics presented at the 18th annual meeting of the Council of Graduate Schools in the United States, held in San Diego from Nov. 29 to Dec. 1, 1978:

1. Case studies in decision-making concerning interdisciplinary studies;
2. Student-related legal problems; contract concept and importance of accurate information in student catalogues and handbooks; due process related to admissions and dismissals;
3. GRE interpretation and use; GRE scores must not be used alone but, whenever possible, in combination with other information;

4. International students: There are 235,000 international students in the U.S. in 1978, or two per cent of the student population, while 45 per cent of engineering degrees have been awarded to international students in one year; education is considered one of the most desirable export products of the U.S.;
5. Keynote address of William D. McElroy, chancellor of the University of California at San Diego: McElroy believes that the leadership role of the U.S. in the world is linked to the vitality of universities, and that true partnership between the universities and the federal government must be reestablished; to assure their own vitality, the universities must do a number of things, including the maintenance of both quality and quantity of their programs and students, the production of Ph.D.'s, the creation of fields and sub-fields which will better match the needs of society, and the revitalization of the master's degree, in particular the terminal master's degree.

Gordon next reported on the first-year enrollment of degree students. He suggested that information on first-year enrollment, rather than total enrollment, would provide a better indication of enrollment trends. Following are data on first-year degree enrollment for 1976 and 1978:

	<u>1976</u>	<u>1978</u>
Humanities	127	108
Social Sciences	74	73
Science	59	55
Engineering	63	44

Among the changes in the departments are:

English	10	14
Theology	59	43
Biology	17	11
Chemistry	12	20
Physics	12	8
Chemical Engineering	4	9
Civil Engineering	16	8
Electrical Engineering	19	8

Gordon then reported on the budget situation for FY 1980. He warned that tuition would be increased, but that stipends in support of graduate students would also be increased. The exact figures would be announced later. He reminded council members of two recently established funds in support of research--the Faculty Research Fund and the Zahm Research Travel Fund.

Robert L. Kerby presented the History Department's "Proposal Regarding Graduate Assistants"--with the recommendation that the 9-credit enrollment limit imposed on graduate assistants be rescinded and that a 20-hour per week workload limit be stipulated. Dean Hogan said that the present policy tended to make the degree program longer for graduate assistants. Gordon said that there were many facets to this question, and that it would be useful to know the practice of other institutions regarding the policy. A survey would be conducted by the Graduate School and the results presented at a later meeting when History's proposal would be discussed.

Gordon announced that the question of voting procedures of doctoral examinations would also come up for discussion at a future meeting.

The meeting was adjourned at 5:35 p.m.

Chau T.M. Le, Secretary

Report D University Committee Report of the Graduate Chemical Engineering Review

The review of the Graduate Program in Chemical Engineering was conducted on March 30 and 31, 1978 by three eminent scholars and leaders in the chemical engineering community; Professors Rutherford Aris, University of Minnesota; Cornelius J. Pings, California Institute of Technology; and Robert A. Schmitz, University of Illinois. They visited the chemical engineering facilities and met graduate and undergraduate student representatives, all faculty members, both tenured and untenured, and members of the Administration.

The general consensus of the reviewers was that the Chemical Engineering Department conducts a modestly sized but very sound and good graduate program. However, they also stressed that the department is at a critical point in its development. In particular, the department is perceived as facing an uncertain and tortuous future because of possible departure of one or more key faculty members, the impending change in the department chairmanship, and finally, a somewhat strained relationship between the department and the Engineering College Administration.

In discussing the strengths and weaknesses of the graduate program, the reviewers noted the sound research reputation despite "dismal facilities," "faculty salaries and graduate student stipends...not in line with those of comparable institutions," and finally, the relative narrowness of the research areas. They asserted that although the research reputation was largely built through the strength of the entire faculty, a central role was played by Prof. James J. Carberry because of his international reputation. The department's official response was in general agreement with these remarks regarding strengths and weaknesses, challenging only the comments regarding the narrowness of the research areas by emphasizing the need for depth rather than breadth in a relatively small department.

The above summary is intentionally brief. Before concluding, however, we must direct attention to certain aspects of the review of the Chemical Engineering Graduate Program which caused us great concern and some frustration. These aspects deal with the somewhat unorthodox procedure by which the total review process occurred. In particular, it would almost appear as if, unintentionally or otherwise, the external reviewers were used to alarm the University administration about the threatened departure of one or more faculty members because of conflicts with the college administration, and as a consequence, a disproportionate amount of the site visit time and of the review itself was given to these points rather than to other graduate program matters. In addition, there were two reports which were issued as the Departmental Response, the second one in October, 1978, some four months after the first report and superseding it. The major difference between the two reports was that the second report did not address the reviewers' comments about the perceived tension between the department and the college administration, but the report did include a somewhat ambiguous statement challenging the accuracy of a comment made by one of the external reviewers regarding faculty salaries.

From the above we gained an impression of tension, crisis, and turmoil. Since it would appear that our prime function as internal reviewers is to act as reporters and not as investigators and since a number of unorthodox procedures, omissions and inclusions have occurred in the review process, we initially considered recommending that the review be declared invalid and that a new review to address the problems be conducted after a relatively short time. After considerable deliberation, however, we came to the conclusion that the review was, in fact, valid since the reviewers assessed the strengths and weaknesses of the Graduate Program in a competent manner. The crisis feature of the review should not be underestimated. The reviewers' investigation into the departure problem led them to conclude that departures would seriously weaken the Graduate Program. With regard to the departmental/college conflicts, the reviewers perceived a widely held feeling among the chemical engineering faculty that the college administration was not responsive to their views and needs. Unfortunately, the two days of the review provided insufficient opportunity for the external reviewers to examine more fully what may be deeply rooted problems. Since, as we previously mentioned, our role as internal reviewers is primarily that of reporters, those particular problems still remain to be investigated. Therefore, we conclude this report by pointing out that the Chemical Engineering Graduate Program is perceived as a strong program and possibly the best in the College of Engineering. However, because the chemical engineering community is a small close-knit group nationally, the perception of a crisis situation in the Chemical Engineering Department here at Notre Dame may have a dramatic, adverse impact on the department's ability to attract qualified graduate students and young faculty from major universities in the United States. Therefore, the questions of departure and administrative conflicts need to be addressed immediately by all parties concerned, particularly the University administration, so that the great strides made by the Chemical Engineering Graduate Program in recent years can be reinforced rather than weakened.

Anthony M. Trozzolo
University Review Committee
Chairman

Robert L. Irvine
Divisional Representative,
University Review Committee

Faculty Senate Journal

December 5, 1978

At 7:38 p.m. the chairman, Prof. Vincent P. DeSantis, called the meeting to order in Room 202 of the Center for Continuing Education and asked Prof. Ronald H. Weber to offer the prayer. The Journal for Nov. 6, 1978 was approved unanimously with no revisions. In presenting the Chairman's Report, DeSantis updated the senate on the progress of work currently underway in the areas of salary comparisons between Notre Dame and its "peer group" institutions and the analysis of the social security/fringe benefits issue. Elaborating on the former, DeSantis once again enumerated Brown, Johns Hopkins, Duke, Northwestern, Princeton, Fordham, Indiana, The University of Southern California and Tulane as our new peers and noted that an attempt would be made to acquire salary comparisons by departments, but by selected departments only, due to the enormity of the task and the ever-present "reluctance factor" which hinders the public dissemination of salary-related information. DeSantis reported that the three avenues for data-gathering thus far discussed included requesting salary information from various chairmen of boards of trustees, making similar requests of the chairman of faculty affairs committees of boards of trustees, and requesting the provost to contact other provosts for the information.

At this point Prof. Dolores Frese suggested an alternate approach, that of volunteering Notre Dame's data to a small control group, of convincing the group of the usefulness of the data, and soliciting its response in kind. Prof. Kenneth E. Goodpaster supported the suggestion by pointing out that this action on our part might well lead to our discovery that others are "in the same boat" as we, and that mutual cooperation might thereby be achieved. DeSantis agreed, but pointed out that the information with which to negotiate was not presently in the senate's possession, that the provost or board of trustees would still have to provide same.

Goodpaster next called to the senators' attention the fact that Tulane had not been included in the initial revision of Notre Dame's "peer group" institutions. DeSantis confirmed this, stating that he had received a request from the provost to add Tulane to the "peer group" listing.

Continuing with his report, DeSantis informed the senate that he, Prof. Paul F. Conway and Prof. Robert L. Irvine had attended one meeting of a subcommittee of the Budget Priorities Committee charged with investigating the present social security situation, and making a recommendation on the matter to the administration by spring. Presently, DeSantis continued, the social security cutoff figure stood at 17.7, but would rise to 22.9 in January of 1979. DeSantis encouraged the senate to inform itself on the issue so as to be able to take a stand on it, and suggested an investigation as to the percentages of faculty members falling into the above or below 17.7 or 22.9 categories.

In response to Goodpaster's question as to whether the 17.7 or 22.9 figures were predicated on salary or total compensation, DeSantis indicated the former.

Conway elaborated on the topic by pointing out that when a cutoff level is decided upon, all those above it would receive the 5% benefit, but, since only a finite amount is set aside for salaries, those benefits would lessen the allotment for other faculty members' salaries. Conway concluded by registering a plea for the expansion of the compensation allotment and suggesting that the senate should capture faculty sentiment in regard to this issue.

Speaking for the Committee on Administration, Prof. Michael J. Francis reported that the committee had met with Sr. John Miriam Jones, S.C., Prof. Alberta B. Ross and Committee W, and Prof. James B. Stewart for a most useful discussion of the University's newly designed affirmative action program. The fact that the provost had taken the responsibility of becoming Notre Dame's affirmative action officer was regarded favorably by the above parties, Francis reported. The group had also reached the consensus that Notre Dame has historically been supportive of women and minorities in that thus far only one woman has been denied tenure and thereby forced out of her position at the University. Because the Administration has stated that it does not perceive affirmative action as a legal problem, Francis noted some unease on the part of his committee in regard to the large number of persons from the law school on the affirmative action committees.

Francis next reported that his committee had decided against appointing a senator to serve on the 1978-79 Dean of the College of Science Search Committee, and that this decision had been primarily based on the ambiguities that this person would face vis-vis his/her relationship to the search committee as well as the administration. Francis stressed the committee's collective feeling that the problem of searching for and appointing upper level administrators should be investigated and, seconded by Prof. Joan Aldous, presented

the following motion:

Moved, that, prompted by the provost's suggestion to the Faculty Senate in his remarks of Sept. 13, 1978, the Senate organize a committee to study the policies and procedures for filling upper-level administrative positions at the University. The committee should report its observations and recommendations to the Faculty Senate at the April 1979 session of the Senate. The chairman of the Senate, in consultation with the Senate's Executive Committee, should select the members. The committee should include members of the Senate and faculty both on and off the Senate who have been on such recent search committees as the 1977-8 Provost Search Committee, the 1977-8 Director of Libraries Search Committee, the Dean of Arts and Letters Search Committee, and the 1978-9 Dean of the College of Science Search Committee. This resolution supersedes resolutions dealing with this subject passed at the Nov. 6, 1978 Senate meeting.

In the discussion which followed, Prof. Irwin Press inquired if the term "upper-level" included the rank of dean and above, to which Francis replied in the affirmative. A general discussion, dealing with senate involvement in such a study, then took place. The question was called and the motion carried.

Speaking for the Committee on Faculty Affairs, Irvine reported a) that his committee was in the process of establishing a fact-finding committee to report on the status of women faculty at Notre Dame, that Prof. Moira Geoffrion had consented to act as its chairperson, and that persons interested in serving on the committee should contact her; b) that his committee would contact the Office of the Provost to attempt to clarify if and how that office could be instrumental in the salary data-gathering function; c) that responses to his letter pertaining to those factors which hinder or reinforce excellence at Notre Dame were thoughtfully done and would be summarized for the next senate session; and d) that the FAC had requested that the following resolution, overwhelmingly passed by the delegates at the Sixty-Fourth Annual Meeting of the AAUP, held on June 7, 1978 in New Haven, Conn., be presented to the senate:

"Be it resolved that the AAUP supports the principle of optional continued employment by their institutions of tenured professors who would otherwise retire in the period between Jan. 1, 1979 and June 30, 1982, before reaching age seventy; and be it further resolved that this principle rest on grounds of equity and justice for such tenured professors, who are, under the terms of recent legislation, discriminated against; and be it finally resolved that every chapter of the AAUP be asked to present this resolution for consideration by the Administration and faculty governing body of its institution."

The phrase "optional continued employment" means that the professor and not his institution would have the option of continuing in employment.

In the discussion which followed, senators expressed their satisfaction with the number of committees on campus which were now interested in affirmative action, their ongoing concern regarding the salary issue, and their interest in studying the synthesized results of the responses to the "excellence" letter.

Referring to the AAUP resolution as read by Irvine, Prof. David J. Cohn inquired as to the intent behind its presentation, specifically, whether a discussion and subsequent vote would take place. DeSantis responded by explaining that it had been presented as a motion, called for a second, and received same from Frese.

General questions regarding the new retirement policy arose. Irvine and DeSantis explained that whereas the retirement age of 70 becomes effective in 1979 elsewhere, universities are not bound to adhere to this policy until 1982.

In response to a question from Prof. A. Murty Kanury regarding the intent behind the 1982 extension, DeSantis explained that this provision would allow universities to prepare for all ramifications of the delayed retirement age policy.

Conway suggested referring the resolution to the administration as well as the board of trustees.

Prof. Phillip Sloan inquired as to the number of persons who would be affected by the retirement policy. Ms. Katharina J. Blackstead noted that she had obtained that information from the University Personnel Office, and that statistics for the projected number of retirees for the next ten years were available in Notre Dame Report, #11, p. 267, 1977-78.

Press wondered why "a Christian institution should be dragged kicking and screaming toward inevitable compliance with the law," and noted that to date no "anticipatory" statement regarding the retirement policy had been issued by the administration.

The concept of insuring equity for all ages was discussed at length. Prof. Mitchell Jolles expressed his concern for the new law in relation to junior faculty. Conway argued that retirement at 70 was as discriminatory as retirement at 65, and that the basic nature of tenure should be reassessed. Cohn noted that as people worked longer, perhaps time could be won to solve the problem of our aging population and social security payment structures. Sr. Margaret Suerth, O.S.B. and Goodpaster argued that the law should not withhold tenure from younger persons, Goodpaster stressing that in cases wherein a faculty member was hired on the premise that he/she would fill a retired slot, a recommendation to delay tenure should be made. Frese countered by pointing out the psychological hardships of the aforementioned.

Conway next called the question and the motion was adopted by voice vote without dissent. In response to Cohn's inquiry as to whether its passage was unanimous, the Chair requested the senate membership to register any abstentions or negative votes. The subsequent hand vote revealed no abstentions, and, of the 31 senators present, only 2 indicated their opposition to making the vote a unanimous one.

The meeting was recessed at 8:52 p.m. and reconvened at 9:05 p.m.

Speaking for the Committee on Student Affairs, Sloan reported that a meeting with Dean Roemer had been scheduled and that the committee would discuss overcrowding and alcohol use on campus with him.

Cohn inquired as to the number of bed spaces lost due to the remodeling of the recreation areas. Sloan replied that the committee had no data available but would attempt to acquire some.

Under old business, Aldous, expressing concern over the fact that when guests visit the senate, minutes are edited, presented the following motion:

I move that the Bylaws of the Faculty Senate be changed so that the following statement will be appended to each publication of the Faculty Senate Journal whenever a visitor speaks to the Senate in recess: In accordance with standing senate policy, this journal has been edited in mutual agreement with our guest speaker.

The motion was seconded by Kanury, whereupon Jolles reminded the senators that article XVII of the bylaws mandated a written submission of a proposed amendment by the Executive Committee to the senate membership 10 days prior to the meeting at which it would be considered.

Members of the Executive Committee noted that they had considered the amendment at their most recent meeting, but had neglected, through oversight, to fulfill the directive of Article XVII. DeSantis and Blackstead assured the membership that they would compose an appropriate letter immediately following the senate session and mail same to all concerned parties without delay.

There being no new business, the meeting was adjourned at 9:15 p.m.

Those absent but not excused: Donald Barrett, sociology; Francis Castellino, chemistry, John Connaughton, law; James Daschbach, aerospace and mechanical engineering; Donald Kline, psychology; Kerry J. Thomas, chemistry.

Respectfully submitted,

Katharina J. Blackstead
Secretary

Addition to the College of Engineering Dean's Review Committee

There is an addition to the College of Engineering Dean's Review Committee (announced in Notre Dame Report #9):

Edward Andrie, senior, College of Engineering

Major Medical Insurance Change

Effective March 1, 1979, the University will change to Blue Cross/Blue Shield for its Major Medical insurance. All employees presently covered by TIAA's Major Medical plan will come under Blue Cross/Blue Shield coverage. There are several benefit improvements as a part of this change:

1. The \$100 deductible can be satisfied by including all covered expenses occurring over an entire calendar year period.
2. The maximum amount of deductible which is necessary for a family will not exceed \$200 in a calendar year.
3. Covered charges will be reimbursed up to a maximum of \$250,000 per member.
4. Out patient psychiatric services are included as covered charges.

Any employee who has an existing claim with TIAA will continue to be eligible for reimbursement through that plan until the active claim ends or until Feb. 28, 1980, whichever comes first.

Employees will be able to submit for reimbursement their own claims to Blue Cross/Blue Shield by using forms which will be available in the Personnel Office. The Coordinator of Employee Benefits, (2221), will be happy to assist anyone with the submission of their claim.

Itemized statements which include the name of the individual providing and receiving the services, the date and description of the procedure and the charges must be included when submitting the claim.

ND-SMC Spring 1979 Final Examination Schedule

- I. LAST CLASS DAY--is Monday, May 7, 1979. Examinations begin at 8 a.m. Wednesday, May 9, 1979 and continue through 12:30 p.m. Tuesday, May 15, 1979. (Tuesday, May 8 is a study day and no examinations may be scheduled.) No examinations are to be scheduled on Sunday, May 13.
- II. REGULATIONS FOR FINAL EXAMINATIONS--Two hour final examinations must be given on the assigned examination dates for undergraduate courses. Changes in the hour, date or place of an examination by the Office of the Registrar are not permitted. Unless a course is designed as a departmental, the examination in each section of the class must be given at the hour designated. (See V. below.)
- III. MAY GRADUATES--If a graduating student has a "B" average or better in the class, that student may be exempt from the final examination at the discretion of the instructor. Names of eligible students will be provided to the faculty on the Semester Grade Lists.
- IV. DEPARTMENTAL EXAMINATIONS AND FRESHMAN EXAMINATIONS--All freshman courses are examined at a departmental time increment. The authorized departmental examinations are:

<u>DEPARTMENT & COURSE NUMBER</u>	<u>EXAMINATION TIME</u>	<u>DATE OF EXAMINATION</u>
ACCT 222	7:30 - 9:30 p.m.	Friday, May 11
ACCT 480	1:45 - 3:45 p.m.	Saturday, May 12
ANTH 109	1:45 - 3:45 p.m.	Friday, May 11
ARCH 251	8:00 -10:00 a.m.	Wednesday, May 9
ART 152	8:00 -10:00 a.m.	Monday, May 14
BA 235	7:30 - 9:30 a.m.	Wednesday, May 9
BA 340	1:45 - 3:45 p.m.	Friday, May 11
BIOL 102	1:45 - 3:45 p.m.	Monday, May 14
BIOL 104, 202	8:00 -10:00 a.m.	Wednesday, May 9
CHEM 116	1:45 - 3:45 p.m.	Monday, May 14
CHEM 116L	7:30 - 9:30 p.m.	Thursday, May 10
CHEM 224	8:00 -10:00 a.m.	Monday, May 14
CHEM 224L	7:30 - 9:30 a.m.	Wednesday, May 9
EASC 102, 112	1:45 - 3:45 p.m.	Monday, May 14
EASC 142	8:00 -10:00 a.m.	Wednesday, May 9
EASC 142L	4:15 - 6:15 p.m.	Monday, May 14
ECON 121	1:45 - 3:45 p.m.	Friday, May 11
ECON 224	7:30 - 9:30 p.m.	Saturday, May 12
EE 222	1:45 - 3:45 p.m.	Wednesday, May 9
EG 120	10:30 a.m.-12:30 p.m.	Friday, May 11
EG 121	8:00 -10:00 a.m.	Saturday, May 12
EG 126	8:00 -10:00 a.m.	Wednesday, May 9
EG 236	1:45 - 3:45 p.m.	Saturday, May 12
EG 328	1:45 - 3:45 p.m.	Thursday, May 10
EG 334	7:30 - 9:30 p.m.	Monday, May 14
ENGL 109	1:45 - 3:45 p.m.	Wednesday, May 9
ENGL 114	10:30 a.m.-12:30 p.m.	Monday, May 14
FIN 231	7:30 - 9:30 a.m.	Monday, May 14
FIN 360	1:45 - 3:45 p.m.	Monday, May 14
FS 180	1:45 - 3:45 p.m.	Wednesday, May 9
GOVT 141	10:30 a.m.-12:30 p.m.	Friday, May 11
HIST 100 Level	1:45 - 3:45 p.m.	Friday, May 11
HUM 186	1:45 - 3:45 p.m.	Wednesday, May 9
MARK 231	7:30 - 9:30 p.m.	Thursday, May 10
MARK 473	1:45 - 3:45 p.m.	Saturday, May 12
MATH 100 Level, 202, 204, 210	1:45 - 3:45 p.m.	Thursday, May 10
MATH 226	7:30 - 9:30 p.m.	Friday, May 11
MET 225	7:30 - 9:30 p.m.	Thursday, May 10
MGT 231	8:00 -10:00 a.m.	Monday, May 14
MGT 463	1:45 - 3:45 p.m.	Wednesday, May 9
MLFR 204AF, 242	1:45 - 3:45 p.m.	Saturday, May 12
MLGR 213	1:45 - 3:45 p.m.	Saturday, May 12
MLSP 242	1:45 - 3:45 p.m.	Saturday, May 12
Modern & Classical Languages	1:45 - 3:45 p.m.	Saturday, May 12

DEPARTMENT & COURSE NUMBEREXAMINATION TIMEDATE OF EXAMINATION

PHIL 101	7:30 - 9:30 p.m.	Friday, May 11
PHYS 112, 202	1:45 - 3:45 p.m.	Monday, May 14
PHYS 128, 142	8:00 -10:00 a.m.	Wednesday, May 9
PHYS 210	7:30 - 9:30 p.m.	Thursday, May 10
PHYS 222	1:45 - 3:45 p.m.	Wednesday, May 9
PSY 111	8:00 -10:00 a.m.	Friday, May 11
ROTC	4:15 - 6:15 a.m.	Wednesday, May 9
SOC 100 Level	1:45 - 3:45 p.m.	Friday, May 11
SOC 332	1:45 - 3:45 p.m.	Thursday, May 10
THEO 100 Level	8:00 -10:00 a.m.	Saturday, May 12
UNSC 102, 112	1:45 - 3:45 p.m.	Monday, May 14

- V. NON-DEPARTMENTAL CLASS EXAMINATIONS--Class examinations meet in the same classroom used during the semester at the following time increments. Please note the exact starting time for each examination since these hours differ from the starting hours of the classes. 75 or 90 minute classes are to be examined at the time which corresponds to the starting time of a 50-minute class held at the same hour, e.g. 9TT11 will be examined at the same time as 9TTF, etc.

<u>CLASSES</u> <u>MEETING AT:</u>	<u>WILL BE</u> <u>EXAMINED AT:</u>	<u>CLASSES</u> <u>MEETING AT:</u>	<u>WILL BE</u> <u>EXAMINED AT:</u>
8:00 a.m. MON*	8:00 a.m. THURS MAY 10	8:00 a.m. TUES**	10:30 a.m. TUES MAY 15 (SMC)
9:05 a.m. MON	8:00 a.m. WED MAY 9	9:05 a.m. TUES	10:30 a.m. FRI MAY 11
10:10 a.m. MON	8:00 a.m. SAT MAY 12	10:10 a.m. TUES	10:30 a.m. MON MAY 14
11:15 a.m. MON	8:00 a.m. TUES MAY 15	11:15 a.m. TUES	10:30 a.m. MON MAY 14
12:00 p.m. MON	8:00 a.m. MON MAY 14		
1:15 p.m. MON	4:15 p.m. FRI MAY 11	1:15 p.m. TUES	10:30 a.m. THURS MAY 10
2:20 p.m. MON	4:15 p.m. SAT MAY 12	2:20 p.m. TUES	10:30 a.m. SAT MAY 12
3:25 p.m. MON	4:15 p.m. MON MAY 14	3:25 p.m. TUES	8:00 a.m. FRI MAY 11
4:30 p.m. MON	4:15 p.m. THURS MAY 10	4:30 p.m. TUES	10:30 a.m. WED MAY 9
5:35 p.m. MON	4:15 p.m. WED MAY 9		

* Monday--includes classes which meet for the first or only time each week on either MON or WED or FRI.

**Tuesday--includes classes which meet for the first or only time each week on either TUES or THURS.

ND-SMC Spring 1979 Final Examination Schedule

	Wednesday May 9	Thursday May 10	Friday May 11	Saturday May 12	Monday May 14	Tuesday May 15
8:00 a.m. to 10:00 a.m.	9MWF ARCH 251 9MW11 EG 126 9M EASC 142 9W BIOL 104, 202 9F PHYS 128, 142	8MWF 8M 8W 8F	3TU PSY 111 3TH SMC: Buec 221 Enlt 203: 67, 68	10MWF 10MW12 10M 10W 10F EG 121 THEO 100 Level 1	12MWF 12M 12W 12F CHEM 224 ART 152 MGT 231	11MWF 11M 11W 11F
10:30 a.m. to 12:30 p.m.	4TT6 4TU 4TH SMC: Hust 324, 464	1TT3 1TU 1TH	9TT11 9TH 9TU EG 120 GOVT 141	2TT4 2TU 2TH	10TT12 10TU 10TH 11TU 11TH ENGL 114	SMC: 8TT Phil 114, 118
1:45 p.m. to 3:45 p.m.	FS 180 EE 222 ENGL 109 HUM 186 PHYS 222 MGT 463 SMC: Enlt 100's Enlt 203 (except 67, 68) Enlt 241, 384	MATH 100 Level MATH 210, 202, 204 SOC 332 EG 328 SMC: Hist 100's Hist 202:61, 62	ANTH 109 SOC 100 Level ECON 121 HIST 100 Level BA 340 SMC: Bio 104	MODL 100 Level MLFR 204AF, 242 MLGR 213 MLSP 242 ACCT 480 MARK 473 EG 236 SMC: Math 104, 114	BIOL 102 CHEM 116 EASC 102, 112 UNSC 102, 112 PHYS 112, 202 FIN 360 SMC: Mlfr 102 Mlit 102	
4:15 p.m. to 6:15 p.m.	5MWF ROTC 5M 5W 5F SMC: Soc 153: 61, 62, 63, 64 Soc 203	4MWF 4M 4W 4F SMC: Chem 202 Soc 324	1MWF 1MW3 1M 1W 1F	2MWF 2MW4 2M 2W 2F	3MWF 3M 3W 3F EASC 142L	
7:30 p.m. to 9:30 p.m.	CHEM 224L BA 235 SMC: Buec 252 Hist 202: 63, 64	PHYS 210 MET 225 CHEM 116L MARK 231 SMC: Buec 202 R1st 205 Enlt 409 Nurs 102	MATH 226 PHIL 101 ACCT 222 SMC: Buec 231 Enlt 451 Govt 152	ECON 224 SMC: R1st 235, 251	FIN 231 EG 334 SMC: Buec 251 Buec 314	

DR. JOSEPH C. HOGAN, DEAN
COLLEGE OF ENGINEERING 2015
NOTRE DAME IN 46556

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