

'75-'76

# notre dame report

March 26, 1976

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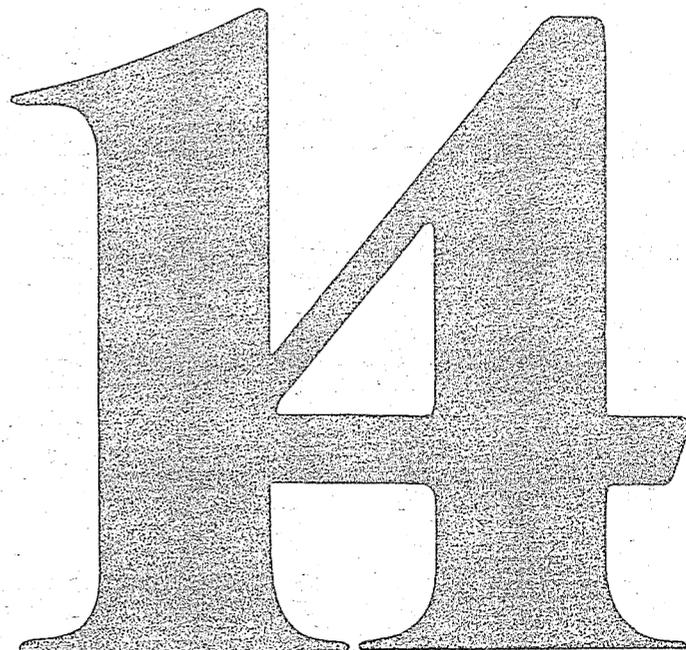
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# the university

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## Tuition Exchange

An agreement providing for the exchange of tuition benefits for children of faculty and administrators at the University of Notre Dame and Saint Mary's College has been extended to 1979 by officials of the two schools. The original two-year agreement was initiated in 1974.

Daughters of Notre Dame personnel accepted at Saint Mary's are eligible for tuition benefits, as are sons and daughters of Saint Mary's personnel attending Notre Dame. Students must meet regular admissions standards at the admitting institution prior to acceptance as undergraduates. The agreement will be reviewed by the provost of the University and the president of the college after two years. Should the decision be made to discontinue the program during the review year (1977-78) students will be granted at least a final academic year's tuition.

## Musical Tribute

"Feelin' Good," a musical tribute to the black entertainer in America, will be presented by the National Theater Company at 8 p.m. April 7 in O'Laughlin Auditorium. The single performance will be sponsored by the Black Studies Program of the University of Notre Dame.

Written by Sean O'Malley and directed by Sue Lawless, the production moves through the history of jazz, the black vaudeville circuit, the black Broadway stage to Harlem's Apollo Theater where practically every black performer of the last 50 years has appeared.

## King Memorial

Rev. Martin Luther King Sr. will participate in a memorial program for his late son, noted black rights leader, at Notre Dame on Sunday, March 28. Sponsored by Black American Law Students' Association (BALSA), the program at 7 p.m. in Sacred Heart Church will be open to the public.

George Arnold, a member of the labor relations staff at the Bendix Corporation, South Bend, will read excerpts of some of Rev. King's most memorable addresses. Also participating will be Rev. Theodore M. Hesburgh, C.S.C., president of Notre Dame and former head of the U.S. Commission on Civil Rights, and David T. Link, dean of the Notre Dame Law School, co-sponsors with BALSA of the program.

Charles Carpenter, a second year law student from Memphis, is president of the Midwest Regional of BALSA and general chairman of the program.

## Burns Honored

Robert E. Burns, associate dean of the College of Arts and Letters, has been named one of 26 outstanding college and university teachers in a national report on improved teaching published in the current issue of Change magazine.

A member of the Notre Dame faculty since 1957, Burns was honored for his work in developing computer-managed instruction (CMI) in his field of history. Convinced that teachers must be free to transmit more than content in the courses, he worked with William I. Davisson, associate director of the Social Science Training and Research Laboratory at Notre Dame, to prepare a bank of multiple choice sequences transmitting essential information on history, culture and values. The history program is on the terminals every day from 8 a.m. to midnight and students may request the same sequence as often as they like in an attempt to make the system more responsive to their learning styles than the traditional 50-minute lecture.

With the help of a \$110,000 grant from the Sloan Foundation, Burns has recently developed a more ambitious two-semester freshman level tutorial in Western Civilization. Early assessments indicate that class averages appear to be better since the program began and CMI students score higher than nonparticipants in exams.

## Conference Calls

In the past, when telephone users at Notre Dame wished to place a conference call, they dialed "27" to reach a Notre Dame operator. This caused some problems since there is a "27X" telephone exchange in South Bend. Many people placed calls into this exchange, forgetting to dial "9" first, and causing them to ring into the Notre Dame switchboard on the conference equipment. Some days the Notre Dame operators were besieged with hundreds of these calls.

Because of this confusion, the code for a conference call has been changed to "56" as of March 18, 1976.

## Philosophy Chair

A professorship in philosophy at Notre Dame has been endowed by bequests from the estates of M. Emmet Walter and his wife, Alfreda, of Houston, Texas.

A former editor of the Houston Chronicle, Walter died in 1966 and his wife died last June. Provisions in their wills specified that the Emmet and Alfreda Walter Chair be established in the Department of Philosophy, where it is the second such endowed professorship.

Walter entered Notre Dame as a freshman in 1911 and received bachelor's, master's and law degrees. He served as a second lieutenant with the 36th Division in France during World War I, was awarded the Croix de Guerre after action in the siege of Rheims, and was a prisoner of the German army for six weeks before escaping and making his way to Paris.

Walter joined the Houston Chronicle staff in 1922 and was named editor in 1948, then served as corporate vice president and director before his death. He was honored for his service as a Catholic lay leader when he was named a Knight of St. Gregory by Pope Pius XII, and later elected to the Knights of Malta. Other honors came from the National Conference of Christians and Jews and the city of Houston, which dedicated a public library in his name.

## History of Science Meeting

The Midwest History of Science Society will hold its annual meeting March 26 and 27 at the University of Notre Dame. Sessions in the Center for Continuing Education will be sponsored by the Graduate Program in History and Philosophy of Science.

Speakers at these sessions will include Dirk J. Struik, historian of mathematics at Massachusetts Institute of Technology; Roger H. Stuewer, historian of physics at University of Minnesota; John C. Greene, historian of biology at University of Connecticut, and Aaron J. Ihde, historian of chemistry at University of Wisconsin.

Assisting Philip Sloan, program chairman, are Michael Crowe, professor in Notre Dame's General Program of Liberal Studies, and James Powell, assistant director of the Center for Continuing Education.

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# faculty notes

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## Appointments

Isabel Charles has been appointed dean of the College of Arts and Letters at the University of Notre Dame, the first woman to hold a deanship in the 134-year history of the University. Dean Charles, who has been serving as acting dean since the resignation of Frederick J. Crosson in September, 1975, joined the University's administration in 1973 as an assistant dean of Arts and Letters and has held a concurrent appointment as an associate professor of English.

## Honors

Harvey A. Bender, professor of biology, has been invited to serve on a consultant panel for a study of ethical, legal and social implications of advances in biomedical and behavioral research and technology. The study is being conducted by the Center for Technology Assessment of the New Jersey Institute of Technology under contract with the National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research.

Raymond M. Brach, associate professor of aerospace and mechanical engineering, has received a 1976 Ralph R. Teetor Award from the Society of Automotive Engineers (SAE). The award is given annually to engineering educators with an exceptional record in undergraduate teaching and student activities as well as involvement in extracurricular professional activities.

Thomas P. Cullinane, assistant professor of aerospace and mechanical engineering, has been selected to receive the 1976 Dow Outstanding Young Faculty Award of the Illinois-Indiana Section of the American Society of Engineering Education (ASEE). The award will be presented to him at the Annual Meeting of ASEE in Knoxville, Tennessee, June 14-17.

Eugene W. Henry, professor of electrical engineering, has been elected vice president and member of the board of directors of the National General Automation Computer Users' Group.

Thomas J. Kapacinkas, assistant professor of theology, has been elected vice-president of the Inter-Regional Society of Jungian Analysts of North America for 1976-78.

Bernard J. Kilbride, professor of finance, has been elected to the trustees of Stewardship Services Inc., a non-profit organization to counsel and advise religions and charitable institutions in their business and financial policies.

David W. Morgan, assistant professor of biology, has been appointed to represent the Indiana Conservation Council, Inc. on the Coastal Zone Planning Committee. He has also been elected vice-president and president-elect of the Indiana chapter of the American Fisheries Society at their annual meeting Feb. 27.

Thomas J. Mueller, professor of aerospace and mechanical engineering, has been named a NATO consultant and lecturer.

Thomas J. Schlereth, assistant professor of American Studies, has been appointed to a special nine-member Advisory Committee to oversee the Discovery Hall Museum of South Bend's new Century Center by Mayor Peter Nemeth.

Anthony M. Trozzolo, Huisling Professor of Chemistry, has been reappointed to a three-year term (1976-78) as a member of the Joint-Board-Council Committee on Chemistry and Public Affairs of the American Chemical Society.

## Activities

At the annual meeting of the American Association of Colleges and Universities in Philadelphia, Feb. 7-10, faculty of the College of Arts and Letters conducted demonstrations of Computer-Assisted instruction developed for use in undergraduate courses. Participating were Associate Dean Robert Burns, who demonstrated materials for early American history and history of western civilization; William I. Davisson, professor of economics, modeling and simulation; Frank Bonello, associate professor of economics, principles of economics, and Edward A. Kline, associate professor of English, English as a second language and remedial English.

Harvey A. Bender, professor of biology, spoke on "Science, Law and Society," at the Forever Learning Institute in South Bend, Feb. 11.

A. Robert Caponigri, professor of philosophy, delivered a lecture on "Individual, Civil Society and State in the Thought of Thoreau and Emerson" at the Sixth Annual Oklahoma Conference on Philosophy, March 31 - April 3 at the University of Oklahoma, in Norman, Oklahoma. The conference was a bicentennial celebration on the theme "American Philosophy from Edwards to Quine." He also attended the International Symposium on "Giambattista Vico and Contemporary Thought" held at Columbia University in The New School for Social Research, New York, from Jan. 27 - Feb. 1. Caponigri presided at the opening talk by Sir Isaiah Berlin of Oxford University and acted as commentator on several of the session papers.

Carvel Collins, professor of English, gave a lecture, "Faulkner and Blacks," in the Bicentennial Series at Ball State University, Muncie, Indiana, on Feb. 24.

Theodore J. Crovello, chairman of the Department of Biology, presented a seminar "Computers and Systematics" at the University of Georgia in Athens, Georgia on March 2, and was consultant on the Computerization of the Plant Disease Register.

Vincent P. DeSantis, professor of history, addressed the South Bend Genealogical Society on Feb. 23, on the topic, "American Presidents as Persons."

Msr. John J. Egan, director of the Center for Pastoral and Social Ministry, served as consultant for the Serra International Membership Direction Conference in Chicago, Feb. 15-17. Msr. Egan delivered a talk on "Spirituality in Ministry" for the Archdiocese of Indianapolis at Marion College, Indianapolis, on Feb. 18 and spoke on domestic justice at the Notre Dame Institute for Clergy Education on Feb. 24.

Morton S. Fuchs, professor of biology, presented a seminar "A hormonal model for the regulation of ovarian development in mosquitoes" at The Rockefeller Institute in New York on Feb. 23.

Astriak L. Gabriel, director of the Frank M. Folsom Ambrosiana Microfilm and Photographic Collection, delivered the commencement address at Youngstown State University in Youngstown, Ohio on March 27.

Moira Marti Geoffrion, instructor in art, displayed a one-woman exhibition of ten sculptures at the Rasdell Gallery of the University of Kentucky in Lexington, Jan. 19 - Feb. 6. She participated in "An Evening with Art" on Feb. 27, part of a week-long women's conference sponsored by the Advisory Council of Women Students at Notre Dame. On March 15 and 16, she was visiting lecturer and artist and exhibited her sculpture at Wabash College in Crawfordsville, Indiana.

W.J. Heisler, assistant professor of management, was one of 35 invited participants attending a four-day workshop on the "future of work and education" held at Grailville Ohio, Feb. 26-29. The workshop was sponsored by Change in Liberal Education, an action-research project supported by five national higher education associations to develop alternative undergraduate curricula and institutional change.

Eugene W. Henry, professor of electrical engineering, presented a paper entitled "Enhancements of the Notre Dame Fortran Compiler" at the General Automation Computer Users' Group meeting in Anaheim, California, Feb. 19-20.

Bernard J. Kilbride, professor of finance, gave a presentation on the economic outlook and its impact on the recreational vehicle industry to the Airstream All Management Conference in Las Vegas, Feb. 17.

Thomas J. Kapacinskas, assistant professor of theology, lectured "On Maturing and Maturity" at the conference on "Energy" held Feb. 6-8 in Evanston, Illinois.

Robert Kingsley, adjunct assistant professor of biology, presented a session on "Network Plotting" at the third annual Indiana University Computer Conference on Instructional Computer Applications, March 5 in South Bend.

John Lyon, chairman of the General Program of Liberal Studies, was an invited participant at the Midwest Conference on Teaching at Turkey Run State Park, Feb. 27-29. The Conference was sponsored by The Society for Religion in Higher Education.

John L. Magee, professor of chemistry, presented a seminar at Canisius College, in Buffalo, New York on "Time scale of radiation chemistry."

Marino Martinez-Carrion, professor of chemistry, gave a presentation entitled "Divalent Cation Binding to Torpedo californica Acetylcholine Receptor" at the 1976 ICN-UCLA Symposium on Neurobiology, Squaw Valley, California, March 1. He also delivered a lecture on "Molecular Rationale of Ligand Interactions with Free and Membrane-bound Acetylcholine Receptor" on March 8 at the Department of Biochemistry, University of California, Berkeley.

Ralph McInerney, professor of philosophy, lectured at King's College in London, Ontario, Feb. 16, on "Faith as Promissory Note: An Approach to the Philosophy of Religion."

David W. Morgan, assistant professor of biology, presented a paper entitled "Effects of the Michigan City NIPSCO Power Plant on salmonid migrations in Trail Creek Indiana: A Report of Research in Progress" at the American Fisheries Society Meeting at Bradford Woods, Martinsville, Indiana on Feb. 26.

Thomas J. Mueller, professor of aerospace and mechanical engineering, participated in a symposium at Belgium's von Karman Institute for Fluid Dynamics March 15-19 and delivered three lectures on the "Application of Numerical Methods to Physiological Flows." His presentations included a discussion of current research at Notre Dame on destructive blood flow patterns created by artificial heart valves, as well as unnatural flow patterns produced by local narrowing of the arteries.

Ellen B. Ryan, assistant professor of psychology, spoke on "Relational Memory -- A Model for Presenting Knowledge in a Questioning-Answering System" at the Indiana University Computer Conference on Instructional Computer Applications March 5 in South Bend.

R.H. Schuler, director designate of the Radiation Laboratory, presented a seminar at the Chemistry Department of Ohio State University on Jan. 26 entitled "ESR spectra in carboxylated cyclohexadienyl radicals."

J. Kerry Thomas, professor of chemistry, presented three seminars during January. They were "Reactions in Micellar Systems" at Miles Laboratories in Elkhart, Indiana, Jan. 8; "Laser Excitation of Molecules" at the American Chemical Society student session at Indiana State University in Evansville, Jan. 23 and

"Photoionization" at Andrews University in Berrien Springs, Michigan, Jan. 29. He also spoke on "Ionic Reactions in Micelles and Membranes" at the American Physical Society Symposium on Micelles at Columbia University in New York, Feb. 2 and on "Transport in Micelles" at Columbia on Feb. 3.

Anthony M. Trozzolo, Huisling Professor of Chemistry, delivered a lecture entitled "Solid-State Photochromism" at the Monsanto Chemical Company Research Laboratories, St. Louis, Missouri, on Jan. 20.

## Correction

In Notre Dame Report #13, the phrase on p. 303, "an 8.2 per cent increase over a 4-year period" should read "an 82 per cent increase..."

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# office of advanced studies

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## Notes for Principal Investigators

### Interim and Final Reports

Principal investigators on grants and contracts are reminded that upon submission to sponsors, copies of interim and final reports together with a copy of the letter of transmittal for the reports should be sent to the Office of Research and Sponsored Programs. Unless copies of these reports are received, there is no way of knowing whether award provisions have been satisfied.

## Current Publications And Other Scholarly Works

### ARTS AND LETTERS HUMANISTIC AND SOCIAL STUDIES

#### Economics

- Leahy, William H.  
W.H. Leahy. 1976. A note on urbanism and Schumpeter's Theory of Development. Growth and Change 7(1):45-47.

### SCIENCE

#### Chemistry

- Bush, Robert L.  
\* R.L. Bush. 1976. Dielectric function for a disordered one-dimensional conductor. Physical Review B 13(2):805-825.
- Hamill, William H.  
T. Huang and W.H. Hamill. 1975. Indirect excitation of  $\text{Cl}^{-}({}^3\text{p})$  in pulse-irradiated aqueous solutions. Energy transfer to  $\text{TlCl}_n^{1-n}$  and electron transfer to  $\text{Eu}^{3+}$ . Journal of Physical Chemistry 79(23):2465-2469.

- Mozumder, Asokendu  
\*A. Mozumder. 1976. Response to the comment: "Concerning the effect of an applied electric field on the dissociation of ion pairs into free ions." Journal of Chemical Physics 64(2):912-913.
- Nowak, Thomas  
T. Nowak. 1976. Conformational changes required for pyruvate kinase activity as modulated by monovalent cations. Journal of Biological Chemistry 251(1):73-78.
- Pasto, Daniel J.  
D.J. Pasto and M.F. Miles. 1976. Electrophilic addition reactions of alkenylidenecyclopropanes. Formation of highly substituted nonplanar butadienes. Journal of Organic Chemistry 41:425-432.
- D.J. Pasto, R.L. Smorada, B.L. Turini, and D.J. Wampfler. 1976. Electrophilic and radical addition reactions of a bis-alkydenecyclopropane. Journal of Organic Chemistry 41:432-438.
- Winicur, Daniel H.  
\*J.L. Fraites and D.H. Winicur. 1976. Elastic and nonelastic cross sections for  $\text{Ar}^{*}({}^3\text{p}) + \text{HBr}(\chi^1\epsilon)$ . Journal of Chemical Physics 64(1):89-94.

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\* Under the Radiation Laboratory  
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#### Mathematics

- Huckleberry, Alan T.  
A.T. Huckleberry. 1976. The Levi problem on pseudoconvex manifolds which are not strongly pseudoconvex. Mathematische Annalen 219:127-137.

## Microbiology

Asano, Tomoaki

\*T. Asano, M. Pollard, and D.C. Madsen. 1975. Effects of cholestyramine on 1,2-dimethylhydrazine-induced enteric carcinoma in germfree rats. Proceedings of the Society for Experimental Biology and Medicine 150:780-785.

Madsen, David C.

\*T. Asano, M. Pollard, and D.C. Madsen. 1975. Effects of cholestyramine on 1,2-dimethylhydrazine-induced enteric carcinoma in germfree rats. Proceedings of the Society for Experimental Biology and Medicine 150:780-785.

Pollard, Morris

\*T. Asano, M. Pollard, and D.C. Madsen. 1975. Effects of cholestyramine on 1,2-dimethylhydrazine-induced enteric carcinoma in germfree rats. Proceedings of the Society for Experimental Biology and Medicine 150:780-785.

Wagner, Morris

\*M. Wagner and K.K. Srivastava. 1975. Decontamination of gnotobiotic mice experimentally monoassociated with *Candida albicans*. Infection and Immunity 12(6): 1401-1404.

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\* Under the Lobund Laboratory  
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## ENGINEERING

### Aerospace and Mechanical Engineering

Lloyd, John R.

J.L. Novotny, J.R. Lloyd, and J.D. Bankston. 1975. Local nonsimilarity applied to free convection boundary layers with radiation interaction. Progress in Astronautics and Aeronautics 39:309-330.

### BUSINESS ADMINISTRATION

#### Management

Heisler, William J.

W.J. Heisler. 1976. Is work satisfying? A sample of the polls. Notre Dame Magazine 5(1):19.

Houck, John W.

J.W. Houck. 1976. Wanted: More than a job. Notre Dame Magazine 5(1):17-19, 22

Ryan, CSV, Leo V.

L.V. Ryan, CSV. 1976. The business boom: Students want skills that sell. Notre Dame Magazine 5(1):28-29.

# Monthly Summary

## Awards Received

IN THE MONTH OF FEBRUARY, 1976

<u>Department or Office</u>	<u>Principal</u>	<u>Short title</u>	<u>Sponsor</u>	<u>Dollars Months</u>
RESEARCH				
Biology	Weinstein	Development of parasitic helminths in vitro	Natl. Inst. Health	80,555 12
Aeros. Mech. Eng.	Ariman	Pressure drop in dust collectors	Amer. Prec. Ind., Inc.	29,944 15
Radiation Lab.	Waldman	Effects of radiation on matter	Energy Res. Dev. Admin.	100,000 12
Chemistry	Labinger	Catalytic organometallic complexes	Amer. Chem. Soc.	9,000 42
Aeros. Mech. Eng.	Brach, Goddard	AIR-FLO smoke visualization studies	AIR FLO Co.	1,000 1
Microbiology-Lobund Lab.	Pollard	Electron microscopy studies of neoplastic lesions	Cancer Soc. St. Jos. Cty.	8,500 12
Biology	Bender	Genetics and cancer	Cancer Soc. St. Jos. Cty.	9,000 12
Aeros. Mech. Eng.	Kanury	Study of burning of liquid pools in reduced gravity	Natl. Aero. Space Admin.	27,898 12
Microbiology-Lobund Lab.	Wostmann	Microbial effects in cholesterol metabolism	Natl. Inst. Health	6,227 3
Microbiology-Lobund Lab.	Pollard	Care and maintenance of germfree animals	Miles Lab.	45,000 12
FACILITIES AND EQUIPMENT				
Radiation Lab.	Waldman	Effects of radiation on matter	Energy Res. Dev. Admin.	7,000 12
EDUCATIONAL PROGRAMS				
Civil Eng.	Ketchum, Irvine	Student science training program	Natl. Sci. Fdn.	7,750 9
Philosophy	Manier	Continuing the American revolution	Ind. Comm. Humanities	6,160 4.5
Philosophy	McMullin	Model as metaphor	Natl. Endow. Human.	37,612 8
Civil Eng.	Irvine	Environmental engineering and law	Environ. Prot. Agency	16,394 12
Art Gallery	Porter	Art in Indiana: 1776-1976	Ind. Arts Comm.	15,000 12
SERVICE PROGRAMS				
Center Human Dev.	Dwyer	Needs assessment program	---	5,980

# Proposals Submitted

IN THE MONTH OF FEBRUARY, 1976

Department or Office	Principal	Short title	Sponsor	Dollars months
RESEARCH				
Chemistry	Martinez-Carrion	Probes of molecular function in pyridoxal enzymes	Natl. Inst. Health	30,568 12
Physics	Tomasch	Electronic tunneling from metals	Natl. Sci. Fdtn.	83,773 24
Aeros. Mech. Eng.	Brach, Goddard	AIR-FLO smoke visualization studies	AIR FLO Co.	1,000 1
Microbiology-Lobund Lab.	Pollard	Animal models for tumor immunotherapy	Natl. Inst. Health	155,867 12
Center Med. Educ.	Kingsley	Reinnervation of the spinal cord by ventral roots	Natl. Inst. Health	29,821 12
Center Med. Educ.	Olson	Respiration and ion regulation by the gills of fish	Natl. Sci. Fdtn.	33,714 24
Center Study of Man	Sayre	Regulation and values in the power industry	Natl. Sci. Fdtn.	186,585 30
Chemistry	Fehlner	Structure-function of iron-sulfur cages in proteins	Natl. Inst. Health	48,410 12
Microbiology-Lobund Lab.	Webb	Immunotherapy using immunoresponsive cells	Natl. Inst. Health	43,751 12
Sociology Anthropology	Bellis	Patoke, Indiana, archaeological study	U.S. Army Corps Engrs.	28,666 5
University Libraries	Sparks, Baldwin	Library service enhancement program	Council Lib. Resources	11,500 12
Civil Eng.	Theis, Irvine, Greene	Interdisciplinary evaluation of eutrophic lake reclamation	Environ. Prot. Agency	73,684 12
Chemistry	Hayes	X-ray photoelectron spectroscopy of Heme compounds	Natl. Inst. Health	52,728 12
Metallurgical Eng.	Miller	Magnetoelastic behavior of some ferrimagnetic compounds	U.S. Navy	49,552 12
Chemistry	Pasto	New synthesis of five-membered ring compounds	Natl. Inst. Health	32,104 12
Microbiology-Lobund Lab.	Pollard	Development and maintenance of germfree animal colonies	Natl. Inst. Health	132,128 12
Chemistry	Castellino	Blood coagulation protein-metal ion-lipid interactions	Natl. Inst. Health	32,104 12
Civil Eng.	Theis, Marley	Contamination of groundwater by heavy metals	Energy Res. Dev. Admin.	80,247 12
Microbiology-Lobund Lab.	Webb	Immunopotentiating agents on rat prostate carcinoma	Natl. Inst. Health	43,751 12
Chemistry	Basu	Metabolism of glycosphingolipids in animal cells	Natl. Inst. Health	39,050 12
Aeros. Mech. Eng.	Biles	Improved methodology for multiple-response simulation models	U.S. Navy	28,000 12
Econ., Electrical Eng.	Davisson, Ubran	Systems dynamics translator for small computers	Fleischmann Fdtn.	49,600 24
Chemistry	Thomas	Photochem. excitation of aromatic hydrocarbons in micellar sys.	Amer. Chem. Soc.	25,600 24
Chemical Eng.	Wolf	Selectivity of stepped single crys. and supported catalysts	Natl. Sci. Fdtn.	73,441 24
Chemical Eng.	Strieder	Transfer across a porous medium	Amer. Chem. Soc.	24,000 36
Engineering	Berry, Long	Isolated grain storage centers and transportation modes	Dept. Agriculture	58,869 12
FACILITIES AND EQUIPMENT				
Admin., Bus. Admin.; Eng.	Kobayashi, Cho, Berry	Equipment to improve undergrad. instruction	Comm. Higher Educ., Ind.	21,846 --
Chemical Eng.	Wolf	Selectivity and activity of single crys. and supported catalysts	Amer. Chem. Soc.	9,000 36

Department or Office	Principal	Short title	Sponsor	Dollars months
EDUCATIONAL PROGRAMS				
Mathematics	Borelli, Clay	Secondary mathematics resource centers	Lilly Endow.	89,320 15
Engineering	Jerger	Comprehensive assist. to under- graduate science education	Natl. Sci. Fdtn.	334,500 36
Gen. Program Lib. Studies	Lyon, Rogers	Private addictions and public duties	Ind. Comm. Human.	12,093 7
Art	Geoffrion	Women artists in residence	Natl. Endow. Arts	1,610 2 days
Engineering Library	Adams, Baldwin	Computer-assisted instruction in technological info. sources	Exxon Educ. Fdtn.	25,764 12
Management	Malone, Heisler	Graduate management assessment center	Exxon Educ. Fdtn.	74,089 27
Law School	Link	Notre Dame law library magisterium	Exxon Educ. Fdtn.	103,565 12
Economics	Swartz	Fiscal incidence of neighbor- hoods in South Bend	Dept. Housing Urban Dev.	8,164 12

## Summary of Awards Received and Proposals Submitted

IN THE MONTH OF FEBRUARY, 1976

### AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	7	\$279,226	3	\$ 37,898	10	\$317,124
Facilities and Equipment	1	7,000	-	---	1	7,000
Educational Programs	2	54,006	3	28,910	5	82,916
Service Programs	-	---	1	5,980	1	5,980
Total	10	\$340,232	7	\$ 72,788	17	\$413,020

### PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	9	\$728,315	17	\$720,198	26	\$1,448,513
Facilities and Equipment	-	---	2	30,846	2	30,846
Educational Programs	-	---	8	649,105	8	649,105
Service Programs	-	---	-	---	-	---
Total	9	\$728,315	27	\$1,400,149	36	\$2,128,464

## Closing Dates for Selected Sponsored Programs

Proposals must be submitted to the Office of Research and Sponsored Programs ten days prior to the deadline dates listed below.

Agency	Programs	Application Closing Dates		
Administration on Aging	Career Training in the Field of Aging	May	12,	1976
Administration on Aging	Research and Development in the Field of Aging	May	12,	1976
Council for International Exchange of Scholars	University Lecturing and Advanced Re- search Abroad	May	1,	1976
National Endowment for the Humanities	Research Programs (tools and editing)	May	3,	1976

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# documentation

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## Minutes of the 167th Meeting of the Graduate Council December 8, 1975

### I. Approval of the minutes of the 166th meeting

The council chairman called the 167th meeting of the Graduate Council to order in the Donor's Room of the Hayes-Healy Center at 3:30 p.m., Monday, Dec. 8, 1975. Not present were Prof. Stanley Hauerwas (theology, excused), Prof. Walter J. Gajda (electrical engineering) and Marilyn J. Lawson (Graduate Student Council representative). Assistant Dean William B. Berry represented Dean Joseph C. Hogan (engineering).

Prof. Sheridan P. McCabe, acting chairman, Department of Graduate Studies in Education, and Professors Vaughn McKim and Cornelius Delaney, philosophy, were present as invited representatives and spokesmen for their departments in connection with agenda items II, III and IV below.

The minutes of the 166th meeting of Nov. 12, 1975 were unanimously approved after being amended as proposed by Professor Frank Bonello (economics). For item 1., p. 6 of the distributed minutes Prof. Bonello proposed the following: "1. The number of different fields within the discipline in which individuals may earn the doctorate.

In its review literature, the department reported a consolidation of its doctoral concentration from 13 to nine fields. The External Reviewers' Report noted that this was compatible with existing resources. It also noted that the department had decided that two fields, namely Economic Development and Political Economy, should be at the center of its concern. Finally, the department's response document cited three of its nine fields, namely, Economic Development, Labor Relations and Political Economy, as the focus of its program consolidation efforts. Whether these apparent differences were more semantical than substantive remained unclear. Accordingly the issue was returned for resolution to the vice president for advanced studies and the chairman of the Department of Economics".

Since the replaced text was, according to Prof. Bonello, in error, his proposed substitution was unanimously accepted.

### II. The Transfer of the Counseling Psychology Program to the Department of Psychology

Based on distributed copies of the two documents: 1) Chronology of Events - Department of Graduate Studies in Education; and 2) Report of the Dean's Committee on Program Merger Between Counseling Psychology Program and the Department of Psychology (and included in the official minute book of the Graduate Council, but not with the published version), Prof. Robert Gordon reported the circumstances and traced the development of a movement by the Counseling Psychology Program to seek a "home" in a department and with colleagues more supportive of its programmatic needs and objectives. A series of discussions led to the appointment of a committee by the dean of arts and letters, with representation from the Department of Psychology and the Counseling Psychology Program. The report, while noting some anticipated problems, was favorable toward such a merger and specified a series of conditions under which it might occur.

Analysis of entering students' aptitudes in both the psychology and counseling programs disclosed equally strong credentials for admission to either program. The principal difference between the two groups of students lies in their goals or educational objectives. Analysis of the academic backgrounds of the counseling staff disclosed that all but one staff member had taken the Ph.D. in psychology rather than in education.

Paralleling this growing cohesion within the counseling component of the Graduate Education Department, Gordon noted an accelerating fragmentation and polarization within the other educational programs.

The Psychology Department, on the other hand, received with something less than enthusiasm the report of the Arts and Letters Dean's Committee for the Merger of the Counseling and Psychology graduate programs. Not surprisingly, like their professional cohorts at the national level, the Notre Dame psychologists perceived merger with a largely non-academic professional program as a dilution of the research and theoretical strength of its academic program. Because of a growing and expressed apprehension on the part of the Psychology Department, Dean Isabel Charles initiated a series of meetings culminating in a final meeting of the original merger committee with Prof. John Borkowski, chairman of the Psychology Department, replacing the original chairman, Prof. William C. Liu. Gordon also attended this meeting. Prior to and during this meeting, a modified merger plan was brought forth. This plan called for maintenance of two separate departments with psychology providing a series of core courses (24 hrs.) to strengthen the basic program in counseling, and appointing of at least one member of the psychology faculty to each doctoral dissertation-research committee in counseling.

This plan was explored in depth. Principle objections to it are as follows: (1) the maintenance of separate faculties with one group providing substantial input to the educational program of the other's students and consequently assuming unilateral responsibility for course content was viewed as a weakness; (2) the diversion of faculty time for the research guidance and dissertation work of students from another department could present problems; (3) maintenance of two separate fields in the same discipline as distinct departments entails "extra" costs that could be avoided by merger; and (4) the certification of the counseling program by the American Psychological Association could be placed in jeopardy if APA viewed a separate small Counseling Psychology program as non-viable and without critical mass. All of these potential problems could be avoided by merger, even though it is recognized that merger with the addition of a new, professionally oriented program to a basically research oriented academic department poses a series of real and theoretical other problems.

Gordon observed that there was considerable understandable apprehension and uneasiness on the part of some members of the Department of Psychology as they viewed the merger. He noted that one problem, well articulated by several psychology faculty members, was that merger would be a negative rate factor on the present programs and progress of the department toward their goals in experimental psychology. He agreed that this could be a real problem if the faculty held to polarized positions and spent enormous amounts of time attempting to convert one another to the importance of academic versus professional programs and all that entails in the daily life of a department. He reported that joint functions (e.g. a joint admissions committee) had already been successfully accomplished. In the process, it was noted that initial apprehensions tended to diminish as the two faculties worked together. This suggested to both Gordon and Dean Charles that by such continuing joint efforts further diminution of misgivings can be expected.

At this point, Gordon called upon Rev. William A. Botzum, acting chairman of the Psychology Department, to report first hand on his department's attitude towards the proposed merger. Father Botzum distributed a position paper (made a part of the official minutes of the council) by the Psychology Department on the proposed merger. Of the 15 signatures to the psychology statement, 11 opposed the proposed merger in favor of a modified merger program in which the psychology and counseling programs would remain separate with the Department of Psychology providing core courses and dissertation committee members for the Counseling Psychology Program. The recommended complete merger in this majority view would slow if not arrest the continued growth of a high quality graduate department of psychology.

In response to this statement of opposition by the Psychology Department, Dean Charles and Gordon called attention to the larger fiscal and program needs of the University as a whole which together made the modified merger proposal unfeasible.

Gordon's invitation for an open discussion of the alternatives by the council disclosed, beyond the already indicated arguments, pro and con, a reluctance on the part of some council members to approve any form of merger opposed by a majority of either one of the programs to be merged. Prof. Sheridan P. McCabe of the Counseling Psychology Program iterated the similarity in qualifications of admitted students and academic backgrounds of the re-

spective staffs in the proposed merger without, however, ignoring the pronounced differences stemming from the diverse emphases, orientation and resultant skills developed in a professionally, as distinguished from an academically, orientated program.

A voice vote on Gordon's request for support by the council of the proposed merger of the Counseling Psychology Program with the graduate Psychology Department was indecisive. A written ballot on the same request was no more decisive, yielding - seven votes "for", seven votes "against" and two abstentions.

The chairman noted that the matter would be referred to the Academic Council, together with the action taken by the Graduate Council, and supportive documentation.

### III. The discontinuance of the Department of Graduate Studies in Education

Returning to the "Chronology of Events: Department of Education" Gordon traced an accelerating polarization within the other components of the Department of Graduate Studies in Education culminating in the resignation of the chairman as well as several non-tenured staff members.

A study was made of the status of these remaining education programs in a national context, as well as of the question of future placements for graduates, and of the relative quality of their applicants. In the circumstances, further admissions to these programs were suspended as of April 1974 pending a thorough assessment of the increasing inside divisions and some outside criticisms of the department, and the provision of more definitive information on a proposed new program entitled "The Religious Dimensions of Education".

The new chairman, Prof. Vincent Lannie prepared a document entitled "Hastening the Future" in which he presented his perception of the staff and program requirements for a refashioned program in Graduate Education Studies concentrating on the history and religious dimensions of education. The stated requirements no less than the proposed curriculum contents and goals proved unrealizable and therefore unacceptable from both a fiscal and academic point of view.

As a result of these developments as well as of the recommended separation of the Counseling Psychology program from the Department of Graduate Education and its merger with the Department of Psychology, the discontinuance of the Department of Graduate Studies in Education remained as the only feasible move. Accordingly, a motion to recommend to the Academic Council the discontinuance of the Department of Graduate Studies in Education as of August 1977 was seconded and unanimously approved by a voice vote. By way of confirming the unanimity of the voice vote for discontinuance, the chair requested a show of hands by any council members who preferred to abstain from or oppose the motion to discontinue the Department of Graduate Education. No hands showed.

### IV. The Report of the Review Committee for the Graduate Program in Philosophy (See Appendix 1)

Father Botzum, chairman of the University Review Committee for the Graduate Philosophy Program, presented a synopsis of the Beck-Thompson external review of the program, and the department's response. A copy of the Review Committee's Report is attached.

Father Botzum and Prof. Thomas Werge, local members of the University Philosophy Review and the department's response overall constructive and positive. However, the departmental response to the external reviewers' recommendation to deemphasize and reschedule the department's awesome comprehensives did not, in the Botzum-Werge account, receive the attention they thought it deserved.

In response Prof. Vaughn McKim Director of Graduate Studies in Philosophy, confirmed the Botzum-Werge impression that the department did not seem to give this recommendation the attention it might seem to deserve. This appearance, in the first instance, results from a time factor. The department is in the process of restructuring the program and procedures for a projected five year period. In this perspective, it is still too early to delineate more sharply the place and weight of the comprehensives in the new program. More fundamentally, however, the reviewers' recommendations vis-a-vis the role, place and weight of the comprehensives are seen as "atypical" by the department especially in the current scene where an earlier tendency in some circles to diminish formal examination requirements has all but spent itself. The department, in short, far from "slipping over" the external reviewers' recommendations consistently with its own and others' experience with the comprehensives.

By way of reenforcing McKim's comments, Prof. Cornelius Delaney, Philosophy Department chairman, cited guidelines for graduate philosophy programs drafted by the American Philosophical Association in which comprehensives are strongly supported.

As in the case of the Graduate Economics Review, so in this case and all subsequent reviews, Gordon will communicate to the departmental chairmen the concerns of the council and the Office of Advanced Studies as these concerns emerge in the Review Chairman's Report to the council and the council's discussion of the various review reports.

#### VI. Other Business

The chairman gave a short report on the progress of the Graduate Womens' Residential Complex including the announcement of a proposed acquisition of an additional building behind and attached to the house which is now the home of the Fides Press. The two buildings offer the opportunity to develop an Advanced Student Center with space for offices of graduate student organizations and meeting rooms to serve functions similar to those lost with the change in function of Lewis Hall.

Gordon adjourned the meeting at 5:20 p.m.

John J. Fitzgerald  
Secretary

### Appendix 1

#### Report of the Review Committee for the Graduate Program in Philosophy

The Department of Philosophy Review Report was a massive and impressive production. The external review committee, very knowledgeable in such reviews and visitations, commented that they had never encountered its equal. It was well-written and factual, summarizing the operation of a well organized and critical undertaking. There was no attempt to magnify the accomplishments of the department or to enhance its stature. Both faculty and graduate students were critical of particular procedures and practices, and admitted difficulties and limitations. Still the overall impression was of a solid, competent department with a steady production of research by the faculty and the granting of doctorates to individuals who were competing successfully for a position in an ever shrinking job market.

The external reviewers, Drs. Lewis Beck of Rochester University and Manley Thompson of the University of Chicago were exceptional choices. The former is the present president of the American Philosophical Association, and both are very distinguished scholars of international repute. Beck has been an active figure in professional philosophical circles for some years. Both are well acquainted with the status of and the procedures in leading departments of philosophy in this country. The visitation was hurried but thorough. The questions asked and the matters discussed were pertinent and informative and discussions were frank and penetrating. They acknowledged that the departmental report had analyzed the situation exhaustively, and they set themselves to determine its accuracy.

The report of the external reviewers was partially circumscribed by the necessity to respond to a set of predetermined questions, which they apparently felt bound to answer. However, they evinced a grasp of the entire program and focused upon a series of concerns. While leaving no doubt but that they admired the department and its doctoral program, that they considered it to be a strong if not distinguished program probably in the top 30 departments in the country, they still questioned some of its policies and thrust.

As one would expect they echoed many of the concerns of graduate students and faculty members. Graduate students believe themselves overworked in comparison to students in some other departments. They were critical of the two-foreign-language-requirement, the extensiveness of the doctoral comprehensives and the omission of graduate student participation in policy decision-making. The faculty desire individual offices and the luxury of a common room or lounge with coffee, conversation, and shelves of journals. The reviewers offered often sage advice on these matters. They also commented on the need for higher stipends to attract top-flight graduate students, and a larger library budget to insure necessary research materials. They recommended the establishment of an institute or program in the philosophy of religion.

The principal targets of the review report were the departmental emphasis on pluralism, its concomitant repercussions upon the graduate program and in particular upon the doctoral comprehensives, and on the Four-Year Program. The reviewers discerned dangers in the encouragement of many viewpoints and approaches in the department to both faculty and students. The faculty might become fragmented and some members might leave to find greater support and discussion rather than argumentation. This was projected as a possible future rather than a present condition.

But the effects of pluralism on the graduate program were characterized as present and unfortunate. Its effects were principally found in the structure of the doctoral comprehensives, which currently entails 20 hours of examination: two 6-hour examinations and two 4-hour examinations in four different areas, two of which are required and two are chosen from a set of options. To prepare for these examinations, the reviewers believe, the student must sacrifice personal interests in the selection of courses in his first two years. They prefer to believe that the student would be better prepared to select a research doctoral dissertation topic and prosecute his research if he were allowed greater freedom in creating his doctoral program. They preferred in depth preparation to wide sampling. They proposed an alternate form of the comprehensives with one long required area and one optional examination.

The reviewers also proposed a lengthening of the program to five years, and suggested that the same number of graduate students might be supported over a five year period with fewer students proportionately in each year of the program.

The Departmental Response revealed a serious consideration of the Review Report. The department was not satisfied with merely commenting on issues raised in the Review Report, but actually introduced some immediate modifications of the program and proposed some others. It is noteworthy that a program in the philosophy of religion has now been established and Prof. Frederick Crosson has been awarded a chair in this area. The problems of low stipends and less than adequate library support, the department ignored as not within its competence. The department has attempted to adjust departmental procedures that are fostering inequities in services required of graduate students, but ignored the requirement of handling two classes, which was the principal basis for the original complaint. Presumably, departmental commitments will not permit the reduced teaching load. Graduate student input into the formulation of departmental policy was increased by the creation of a joint faculty-student committee which will report back to the faculty student reactions to proposed legislation. A student was also added to the graduate committee, which proposes changes to the faculty which ultimately makes decisions. The foreign language requirement was discussed but without change in the present departmental policy.

The reviewers' misgivings on pluralism were appreciated but bypassed by the department. Certainly the department feels that no ill effects of pluralism are discernible in the faculty which continues to discuss, to publish, and to teach in a very adequate fashion. Similarly, the Departmental Response is ill-disposed toward and disinclined to discuss, it seems, any changes in the doctoral comprehensives and the consequent pressures upon student course selection. The department heartily endorses the Five-Year Program proposal and has outlined such a program, which the department obviously believes will enhance the research component of the doctoral training, as recommended by the reviewers, while retaining pluralism and the comprehensives in their present form in the first three years. By allowing nine months to elapse between the written and oral comprehensives in the third year, the student should be better prepared in his area of research concentration and better equipped to select a suitable research topic.

It would seem that the department is in a better position than the Graduate Council to make decisions about the various concerns of the reviewers. However, the Graduate School or the administration might well consider larger stipends for ABD's who are entirely responsible for teaching two sections of the freshman seminar or the collegiate seminar. The department might well seriously consider the issue of the comprehensives raised by the reviewers, which seems to merit more consideration than the Departmental Response indicates.

Respectfully submitted,

Thomas A. Werge  
Rev. William A. Botzum, C.S.C., Chairman

December 3, 1975

# Faculty Senate Journal

## February 4, 1976

At 7:35 p.m., the chairman, Prof. Paul F. Conway, called the meeting to order in Room 202 of the Center for Continuing Education and requested Prof. Julian R. Pleasants to offer a prayer. Conway then called for a moment of silent prayer for the seven members of the faculty, both active and retired, who had died since the beginning of this academic year.

Conway mentioned that the executive committee had discussed the possibility of taking some action on the occasion of the serious illness or death of a member of the faculty. Prof. Robert L. Kerby, seconded by Pleasants, moved that the chairman's suggestion be adopted and that, specifically, the chairman write President Hesburgh, requesting that at each baccalaureate mass the intention of faculty members deceased since the last baccalaureate mass be remembered. Prof. William E. Biles offered, as a friendly amendment, that deceased students be remembered as well. The motion was passed, with one dissenting vote. Conway then asked if anything should be done about members of the faculty known to be seriously ill. Kerby suggested that the facts be mentioned at each meeting of the senate.

Conway gave a brief summary of correspondence: a letter from Prof. Rosemary Park, member of the Board of Trustees; Conway's letter to the Board of Trustees re the statement on governance passed at the last meeting of the senate; an exchange of letters with Prof. James Massey, which clarified procedures which will be followed by the Provost Review Committee; a letter from the provost outlining the actions which will be taken by the University administration based on recommendations made in the Report of the Senate's Committee on the Retired; a letter from Prof. James A. Corbett, reporting on the organizational meeting of the Retired of Notre Dame (ROND).

Conway recognized Alberta Ross, chairperson of the Senate's Committee on Administration, who moved the adoption by the senate of the committee's report, "Appointments of Academic Officers," circulated some time ago (Nov. 21, 1975). She stated that the purpose of the proposed amendments to the Academic Manual is to revise the nature of the appointments of the principal academic officers so that they be for stated terms; the process of reappointment would take the place of the periodic review. Prof. Robert E. Rodes asked if the proposal will make it harder to find a new dean from the outside, since he would not have the assurance of continued employment beyond a specified date. Prof. Robert W. Williamson observed that the proposal strengthens the College Council in relation to the dean, and Prof. V. Paul Kenney stated that he felt the proposal as regarding deans, was "naive." Prof. Peter T. Brady referred to the "fact" that administrators come in with tenure so that if they fail as administrators they nevertheless qualify as members of the teaching and research faculty until retirement. Prof. Vincent P. DeSantis said, and Ross agree, that if no alternative candidate is available reappointment would be a simple matter. Considerable discussion followed on the pros and cons of making reviews mandatory and of always considering alternatives to retaining the incumbent. Prof. James T. Cushing asked if it was the intent of the proposal to make it easier to replace deans, or to open up the review process. Ross replied that the committee considered both purposes, but initially the second one was considered to be the primary objective. The proposal serves to define the review process. DeSantis, seconded by Brady, moved to strike "concurrence" from the first line of the second page of the report and to replace it with "formal vote of approval" so that the passage would read "The Dean of a College is appointed by the President, with the formal vote of approval of the College Council..." Williamson said that he failed to see the importance of the amendment and outlined the "real" problem as he saw it illustrated recently in the case of the College of Business Administration. Ross emphasized that the committee's report is concerned only with the nature of the appointment, not with the method of obtaining it. The amendment failed, 19 to 6, with six abstentions. Kenney moved, seconded by Rodes, to recommit the report to the committee. This motion was passed, 18 to 10, with three abstentions. Conway declared a recess at 8:52 p.m.

Conway reconvened the meeting at 9:03 p.m. and recognized Prof. Sheridan P. McCabe, chairman of the Senate's Committee on Student Affairs, who gave a progress report on the survey re grade inflation. The questionnaire had been sent to approximately 600 faculty and 100 teaching assistants. To date 245 have been returned by faculty and 15 by teaching assistants.

In view of the action taken at the last meeting of the Academic Council, Conway circulated a "Modified Faculty Senate proposal of the revision of the first paragraph of Article III, Section 4, Subsection (a) of the Academic Manual," prepared by the senate's executive committee. Kerby moved that the text,

Appointments to and promotions in the teaching and research faculty are made by the President of the University after the following procedures have been carried out. The formal procedure for determining recommendations is initiated by the Chairman of the Department, acting with his Departmental Committee on Appointments and Promotions. The Chairman of the Department submits his written recommendations, along with a written report of the deliberations and recommendations of the Committee, to the Dean of the College, who then submits these recommendations to the Provost, along with his own. If the Dean is in disagreement with the recommendation of a Departmental Committee or a Departmental Chairman, or both, he consults formally with the Chairman and the Committee jointly before submitting his recommendations to the Provost. The results of any such consultation are forwarded to the Provost along with the recommendations. The Provost, after consultation with such advisors as he may choose, submits all recommendations, both positive and negative, and including his own to the President for final action.

be accepted by the Senate and conveyed to the steering committee of the Academic Council as a substitute for the original proposal of the Faculty Senate to the Academic Council. The motion was duly seconded and passed without opposition.

Conway recognized Cushing, chairman of the Senate's Committee on Collective Bargaining, who mentioned the recent (third) presentation on this subject by an outside speaker, and announced that one more speaker, from the national office of the AAUP, would soon appear. Cushing then referred to the "Status Report from the Faculty Senate Collective Bargaining Committee" (Jan. 14, 1976), which lists nine objectives in the areas of governance and compensation which should be pursued by the senate. Kerby said that if we are going to work with this list, he would like to add two items to it: a) codification of minimal standards of faculty ethics; b) investigation of the situation of surviving spouses of deceased non-retired faculty, and recommendations for the alleviation of their condition. Kerby further stated that it would be profitable to discuss all 11 of these items briefly as a basis for taking a tally of the relative importance of them in the collective opinion of the senators. Prof. James P. Danehy suggested, as a time-saving alternative which would provide essentially the same information, that the 11 items be placed on a ballot and that the senators be asked to rate each one on a 5 to 1 scale of importance. From these data the items could easily be listed in rank order, and the information provided to each senator in advance of the next meeting of the senate. Kerby expressed a preference for at least some preliminary discussion; he foresaw the possibility of working out a long range agenda for the senate, rather than trying to make difficult choices in a hurry, or to carry out everything at once. DeSantis, concerned for available time, reminded the senate that, in view of its recommitment of the report to the Committee on Administration earlier in the evening, it has an obligation to hear out the committee at either one of the two remaining regular meetings of this academic year. Cushing asked, does the senate have an alternative to collective bargaining, if it is to attain its goals? As a supplement to Cushing's question, DeSantis asked, what has come from the "new approach" of consultation between the executive committee of the senate and the administration? Kerby replied that each of the discussions has been fully reported on the floor of the senate. Prof. Arthur J. Quigley, returning to Danehy's suggestion, moved (and was seconded by Pleasants) that each senator rate each item from 1 to 11 on a ballot and that the results be given to the heads of standing committees. The motion was passed without dissent.

Conway introduced a motion prepared by the executive committee entitled "Proposal for revision of the Academic Manual regarding membership of the Faculty Senate,"

Article IV, Section 3, Subsection (b) The Faculty Senate:

The Faculty Senate is an organization composed of fifty members of the faculty and two emeriti. The Faculty members are elected by and from the Faculties of the Colleges, the Law School, the Library, and the Special Professional Faculty, the number from each proportional to the size of the Faculty involved, provided that each of these groups be represented by at least one senator. The two emeritus senators are elected by the retired members of the faculty. Senators are elected for a term of three years in such a manner that one third of the membership is elected each year. Four senators shall serve ex officio; each College Council shall so designate one of the Faculty members elected from the College to the Academic Council.

Brady, seconded by Kerby, moved that this statement be accepted by the senate, and passed on to the steering committee of the Academic Council. The motion was passed without dissent. The meeting was adjourned at 9:51 p.m.

Those absent but not excused were: Hafiz Atassi (aerospace and mechanical engineering); Elizabeth Fiorenza (theology); Richard A. Lamanna (sociology and anthropology); John W. Lucey (aerospace and mechanical engineering); Vaughn R. McKim (philosophy); Harold F. Moore (philosophy); Victor W. Nee (aerospace and mechanical engineering); Joseph A. Tihen (biology); Robert H. Vasoli (sociology and anthropology); Ronald H. Weber (American studies).

Respectfully submitted,

James P. Danehy  
Secretary  
The Faculty Senate

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