

# notre dame report

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# the university

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## three to receive alumni awards

Three alumni of the University have been selected by the Alumni Association to receive special awards in 1988.

Edward A. Fischer, professor emeritus of American studies, will receive the John Cardinal O'Hara Award. A 1937 Notre Dame graduate, Fischer joined the Notre Dame faculty in 1947. During his 30 years as a popular teacher, he has published several articles and essays and 14 books, the most recent of which is entitled Life in the Afternoon. Fischer will receive the award at the association's Fifty-Year Club reunion June 25. The John Cardinal O'Hara Award is given to a Notre Dame graduate who has been a member of the University's faculty, administration, or staff and has performed outstanding service.

Prof. John J. Gilligan will receive the Rev. John J. Cavanaugh Award. A 1943 graduate of Notre Dame, Gilligan served six terms on the Cincinnati City Council and one term in the U.S. House of Representatives before being elected Governor of Ohio in 1970. In 1979 he joined the Notre Dame faculty after having served as administrator for the U.S. Agency for International Development. Gilligan will receive the award during the Association's board of directors meeting September 30. The Rev. John J. Cavanaugh Award is given to a Notre Dame graduate who has performed outstanding service in the field of local, state, or national government and politics.

Cecilia H. Prinster, training officer at United Bank of Denver, Colorado, will receive the Dr. Thomas A. Dooley Award. A 1976 Notre Dame graduate, Prinster was one of the founders of Notre Dame's World Hunger Coalition, a student group which raised money for several domestic and international hunger relief projects. An active member of the Notre Dame Club of Denver, she has for the last five years administered the club's participation in the University's Summer Social Service projects, which provide community volunteer opportunities to Notre Dame students. Prinster received the award January 29, during the winter meeting of the Association's board of directors. The Dr. Thomas A. Dooley Award is given to a Notre Dame graduate who has given outstanding service in humanitarian efforts through alumni club involvement.

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# faculty notes

## honors

Panos J. Antsaklis, associate professor of electrical and computer engineering, was appointed chairman of the technical committee on theory of the IEEE Control Systems Society.

John J. Collins, professor of theology, has been elected editor of the Journal of Biblical Literature. He has also been appointed editorial consultant for academic books on Judaism and Christianity in Antiquity for Harper and Row.

Donald T. Critchlow, associate professor of history, has been appointed to the editorial advisory board of the Indiana Magazine of History for a three-year term.

Capt. Samuel E. Gaglio, assistant professor of aerospace studies, was recently selected as the Air Force ROTC Instructor of the Year for the Ohio Valley region.

Major Bruce E. Nawoj, assistant professor of aerospace studies, was recently selected for promotion to Lieutenant Colonel.

Michael J. Radzicki, assistant professor of management, has been elected to a three-year term on the policy council of the System Dynamics Society. He has also been appointed an associate editor (economics section) of the System Dynamics Review.

Thomas J. Schlereth, professor of American Studies, has been appointed a contributing editor for the Journal of American History published by the Organization of American Historians.

Michael Slinger, associate librarian in the Law School, has been appointed chairperson of the American Association of Law Libraries (AALL) subcommittee on public relations. He has also been elected vice president/president-elect of the Ohio Regional Association of Law Libraries (ORALL).

Donald E. Sporleder, professor of architecture, has been reappointed by Governor Orr to the Indiana Board of Registration for Architects for a three-year term. He has also received the 1987 Edward D. Pierre Medal from the Indiana Society of Architects -- the American Institute of Architects -- for his contribution to the advancement of the Society and the profession of architecture.

Eugene Ulrich, professor of theology, has been elected president of the International Organization for Septuagint and Cognate Studies, the international society of text specialist for the Hebrew Bible, its Greek and other versions, and the Dead Sea Scrolls.

## activities

Panos J. Antsaklis, associate professor of electrical and computer engineering, presented two papers titled "Observer Based Block Realizations of Stabilizing Output Controllers" and "Sensitivity Considerations in the Control of Generalized Plants" at the 26th IEEE Conference on Design and Control held in Los Angeles, Calif., Dec. 9-11. He also participated in meetings of the IEEE Control Systems Society in his capacity as member-at-large of the technical activities board.

John B. Attanasio, associate professor of law, presented a talk titled "The Research Librarian and the Educational Mission of the Law School" at the annual directors of libraries - deans workshop of the American Association of Law Schools held in Miami, Fla., Jan. 7.

Joseph P. Bauer, professor of law and associate dean of the Law School, was the moderator of the meeting and program of the section on antitrust and economic regulation of the Association of American Law Schools at the AALS annual meeting held in Miami Beach, Fla., Jan. 9.

Jacqueline V. Brogan, assistant professor of English, presented "Stevens and Sexism" at the meeting of the Wallace Stevens Society at the Modern Language Association meeting held in San Francisco, Calif., Dec. 30. She also presented "Elizabeth Bishop: Perversity as Voice" for the Logocentric and Disjunctive in Contemporary Poetry at the same meeting.

Hsueh-Chia Chang, professor of chemical engineering, presented "Nonlinear Dynamics of Systems Under PI Control" at the University of Pennsylvania, Philadelphia, Nov. 2. He delivered "Transport of Foam in Porous Media" at East China Institute of Technology, Dec. 28. He presented "Tuning of PID Controllers" Dec. 29; "Nonlinear Waves on Falling Films" Dec. 30; and "Transition to Inertial Flow in Porous Media" Jan. 4 at the same institute. He also delivered "Bifurcation of Free Surface Problems" for the mechanics department of the graduate school of Academia Sinica, Jan. 6. He was an invited lecturer for the Education Ministry and National Science Foundation of China Dec. 24-Jan. 8.

Adela Yarbro Collins, professor of theology, presented a paper, "Women's History and the Book of Revelation," in the section on "Women in the Biblical World" at the annual meeting of the Society of Biblical Literature held in Boston, Mass., Dec. 5. She also moderated a panel discussion on "Apocalypticism and 1 Peter" at the same meeting on Dec. 6. She participated in the bi-annual meeting of the editorial board of the commentary series, *Hermeneia*, in Lexington, Mass., Jan. 8-10.

John J. Collins, professor of theology, served as examiner at the dissertation defense of Paul Ferguson, "The Book of Jonah," at Chicago Theological Seminary, Dec. 1. He delivered the response to T. Fretheim, "The Repentance of God," at the meeting of the Society of Biblical Literature held in Boston, Mass., Dec. 4-8.

Donald T. Critchlow, associate professor of history, presented a paper, "The Work Ethic and Welfare Reform in Modern America," at the annual meeting of American Historians Association held in Washington, D.C., Dec. 28.

Roberto DaMatta, Joyce professor of anthropology, gave a lecture on "Notes for an Anthropology of Brazil" at the University of Chicago, for its Center for Latin American Studies and department of anthropology, Jan. 15.

JoAnn DellaNeve, assistant professor of modern and classical languages, presented a paper titled "Discovering Hidden Subtexts: New Directions for Intertextual Studies of Du Bellay's *Olive*" at the national convention of the Modern Language Association held in San Francisco, Calif., Dec. 29. She also served as the midwest regional delegate to MLA's Delegate Assembly.

Jay P. Dolan, director, Cushwa Center for the Study of American Catholicism, and professor of history, delivered the presidential address titled "The Immigrants and Their Gods: A New Perspective for American Religious History" at the annual meeting of the American Society of Church History in Washington, D.C., Dec. 30.

Patrick D. Gaffney, acting director of the Mediterranean/Middle East Studies Program, and assistant professor of anthropology, was the guest on the WNDU television program "Campus View." He also gave a presentation under the sponsorship of the Helen Kellogg Institute for International Studies, titled

"The Cultural Foundations of Militant Islamic Movements," Notre Dame, Ind., Jan. 19.

Rev. Theodore M. Hesburgh, C.S.C., president emeritus, was among 40 participants in an international conference on "Human Rights and International Cooperation," at the DeBurght Christian Conference Center in Burgh-Haamstede, the Netherlands, Jan. 4-6.

Patrick Horsburgh, professor emeritus of architecture, addressed the annual meeting of the St. Louis Chapter, the American Institute of Architects on the subject of professional interdependence between architects and landscape architects, Museum of Art, St. Louis, Mo., Dec. 11.

Douglas W. Kmiec, professor of law and director, White Center on Law and Government, presented a paper on "Development in the Supreme Court's Fifth Amendment Jurisprudence" to the American Planning Association, Washington University, St. Louis, Mo., Dec. 10-11.

Catherine Mowry LaCugna, associate professor of theology, participated in an experiential cross-cultural seminar, sponsored by the Center for Social Concerns and Congregation of Holy Cross, in Santiago, Chile, Dec. 28-Jan. 10.

Anthony N. Michel, chairman and Freimann professor of engineering, presented a paper titled "On Dynamic Effects of Quantization and Overflow Nonlinearities in Digital Feedback Control Systems" at the 26th IEEE Conference on Decision and Control, held in Los Angeles, Calif., Dec. 9-11. He presented another paper titled "Stability of Viscoelastic Control Systems" at the same conference. He presented a seminar titled "Analysis and Synthesis of Neural Networks" at Wright State University, Dayton, Ohio, Jan. 15.

Thomas J. Mueller, director, engineering research and graduate studies, and professor of aerospace and mechanical engineering, presented a seminar titled "Low Reynolds Number Airfoil Aerodynamics" for the department of aerospace engineering, University of Colorado, Boulder, Jan. 14.

Rev. Edward D. O'Connor, C.S.C., associate professor of theology, gave a lecture, "The Wonder of Guadalupe," at St. Thomas Church, Elkhart, Ind., Dec. 12; and again at Our Lady of Hungary Church, South Bend, Ind., Dec. 13. He gave two lectures on St. Louis de Montfort's *True Devotion*, at Villa Redeemer Retreat House, Glenview, Ill., Dec. 28, 29. He lectured on "Eucharistic Thanksgiving" for the Notre Dame charismatic prayer group, Notre Dame, Ind., Jan. 5.

William L. Petersen, assistant professor of theology, presented a paper titled "The Gospel Text of Justin: Did Tatian Use Justin's Harmony?" at the annual meeting of the Society of Biblical Literature, Boston, Mass., Dec. 5-8.

Alvin Plantinga, O'Brien professor of philosophy, gave a lecture titled "Warrant and Belief in God" at Purdue University, West Lafayette, Ind., Sept. 3, and again at Stirling University, Scotland, Oct.

23. He delivered eight Gifford lectures: "On Taking Belief in God as Basic," Oct. 13; "Natural Atheology: the Deductive Argument from Evil," Oct. 20; "The Probabilistic Argument from Evil," Oct. 27; "Natural Theology," Nov. 3; "Two Dozen or So Good Theistic Arguments," Nov. 10 and 17; "Beyond Classical Foundationalism," Nov. 24; "Christian Philosophy and Christian Scholarship," Nov. 25, at the University of Aberdeen, Old Aberdeen, Scotland. He delivered the C.S. Lewis Lecture titled "Is Belief in God Rational?" at Queen's University, Belfast, Ireland, Oct. 24. He presented another lecture, "Belief in God and Positive Epistemic Status," at the same university, Oct. 25. He lectured on "Epistemic Probability and Evil" at Free University, Amsterdam, the Netherlands, Nov. 26, and again at the University of Utrecht, Nov. 27. He gave the same paper at the Enrico Castelli Colloquium "Teodicea Oggi," Rome, Italy, Jan. 3-6.

Wolfgang Porod, associate professor of electrical and computer engineering, presented a seminar titled "Qualitative Theory for Neural Networks" at Wright State University, Dayton, Ohio, Jan. 15.

Karamjit S. Rai, professor of biological sciences, organized and chaired a symposium titled "Aedes albopictus: A New Vector in the Continental United States" at the annual meeting of the Entomological Society of America held in Boston, Mass., Nov. 29-Dec. 3. He also gave introductory comments at the beginning and concluding remarks at the end of the symposium, Dec. 1.

Robert P. Schmuhl, associate professor of American Studies, presented invited remarks, "Ethics and Public Relations," at the conference of the Council for Advancement and Support of Education (CASE), District 5, held in Chicago, Ill., Dec. 15.

Anne-Marie Soucy, assistant professor of modern and classical languages, gave an invited talk, "Baudelaire's Influence on Surrealist Theatre and Film," at the International Intertextuality Conference held at the State University of Florida, Gainesville, Jan. 30.

Eugene Ulrich, professor of theology, presented an invited response paper titled "To Translate the Scriptures: Criteria for Determining Which Text is to be Translated," to the Textual Basis for Bible Translation Group, sponsored by the United Bible Societies, at the annual meeting of the Society of Biblical Literature, Boston, Mass., Dec. 7.

Arvind Varma, chairman and professor of chemical engineering, served as invited participant and chairman of the chemical engineering courses group at the NSF-sponsored Indo-U.S. seminar on "Chemical Engineering Education: Curricula for the Future," held at the Indian Institute of Science, Bangalore, India, Jan. 1-4.

Erhard M. Winkler, professor of earth sciences, participated in a symposium to discuss the restoration of public buildings with exterior sandstone in Olympia, Wash., Jan. 19, 20. The symposium was sponsored by the Washington State's department of general administration to plan for a monumental cleaning project.

Kwang-tzu Yang, Hank professor of aerospace and mechanical engineering, chaired a panel to review projects in the Infiltration and Ventilation Program of the DOE (Department of Energy) office of buildings and community systems which is responsible for a national effort to increase the efficiency of energy use in the building sector, Bethesda, Md., Jan. 18-20.

## deaths

J.M. Hagggar, 94, charter member of the College of Business Administration advisory council, Dec. 15.

Rufus W. Rauch, 83, professor emeritus of English, Jan. 8.

# documen- tation

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## minutes of the 221st graduate council meeting october 14, 1987

The meeting opened at 3:30 p.m. on Oct. 14. Absent and excused members were Dean Francis J. Castellino (represented by Dr. John J. Kozak) and Dr. James H. Powell. In attendance as guests of the Council were Provost Timothy O'Meara and Dr. Edward A. Kline. The chairman opened the meeting and invited the Provost to address the Council. The Provost informed the Council that Dr. Gordon will be retiring in three years. He will remain in the present position until June 1989 and then will continue as consultant to the University one more year until June 1990. In accordance with University procedures, the Graduate Council and the University Committee for Research and Sponsored Programs will meet in a special joint session to elect a search committee to be chaired by the Provost. The Provost advised the Council that the election of this committee should be accomplished early as it will take some time to find a suitable candidate. The Provost commended Dr. Gordon for his contributions to the University, in particular for leading the research effort at Notre Dame in the last decade. He praised Dr. Gordon's experience and wisdom, and said that he had often sought Dr. Gordon's counsel on important University decisions. The Provost recalled that Dr. Gordon and he had come to Notre Dame at about the same time, that they had worked together on many projects, and he acknowledged Dr. Gordon as a dear friend. The Provost then thanked the Council and departed.

### I. Minutes of the 220th Meeting

The minutes of the 220th meeting were approved without change.

### II. Graduate Student English Foreign Language Examination

The Chairman briefed the Council on the history of the foreign language requirement in the Graduate School prior to the Graduate Council meeting in February 1984. He then related the discussion of the Council at that meeting, which led to the acceptance of the motion allowing foreign graduate students to meet the foreign language requirement in English. The Chairman said he had agreed to the Council's recommendation in 1984 as an experiment. The English Department has organized the test and administered it for three years. Dr. Edward Kline, former chairman of the department of English and now acting chairman of the department of music, who personally administered the English test for one year and supervised the administration of this test for another two years, was invited to write a report on this experiment. A copy of this report was circulated with the agenda of this meeting. The Chairman then opened the floor for discussion. Following are some of the remarks made by the members:

The rationale for the foreign language requirement is to enable students to do research in a language other than English which is the medium of instruction. It is absurd to examine students in English as a foreign language.

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There is a lack of parity between the foreign language reading examination (e.g., in German, Spanish, or French) administered to U.S. students: the first examination tests comprehension of the foreign language through translation while the second assesses both comprehension and basic writing skills in English through paraphrase.

Is the English foreign language examination for graduate students a duplication of the TOEFL?

We cannot assume that every foreign student we admit will have an adequate command of English. Departments will have to insure that they appoint Graduate Assistants who are able to communicate with the students they are expected to teach.

Two courses of English as a Second Language (ESL) for foreign students are offered every semester; these courses had been established before the English foreign language examination was instituted, and they will continue even if the English examination is abolished. There is some evidence that some departments do not permit their students to enroll in ESL courses due to time conflicts.

The mathematics department has some problem with the requirement that the foreign language examination be passed before the oral candidacy examination can be taken. However, an arrangement has been made to allow students in some fields of mathematics, who need to take the candidacy examination early, to do so before completing the foreign language requirement.

The recommended sequence (i.e., of oral candidacy examination to come after the completion of the foreign language requirement) has not been too rigidly enforced.

Why not permit foreign students to meet the foreign language requirement in their native language, as long as this language is one of the those accepted in their discipline as central and important to research?

It was noted that a Tunisian student may choose French, although he may not have as good a command of this language as a native speaker. The same may be said of students from the Philippines, and also of many students from India, and their mastery of English.

If foreign students are allowed to choose their native language because of its centrality to research in their discipline, is there any need to require them to take a test in this language?

After a long discussion, the Chairman suggested that no action be taken at the first meeting, that this important issue warrants more thought and that the Council will have another opportunity to deliberate. He invited Dr. Alvin Varma, who had proposed a motion earlier, to join him later in drafting the motion for the consideration of the Council at its next meeting in December.

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### III. Modification of the Languages in Article 26 of the Academic Code

Prior to the meeting, the Chairman had sent members copies of a draft document containing the proposed changes in the language of article 26 of the Academic Code, titled Academic Honesty, and also a memorandum explaining the need for minimal interim changes at this time. Since the members had time to examine the document, a motion was entertained to accept it. The motion was carried.

### IV. Five-Year Rule for Credit Transfer

The Chairman addressed item IV of the agenda by referring to Dr. Harold Attridge's letter to him, requesting that the Council discuss the five-year rule for credit transfer. He said that the basis for the rule was the understanding that there is a term to "life expectancy of edge-cutting information" in every field of knowledge. On the other hand, it can be argued that information in one field of knowledge may retain its currency longer than in another field. Dr. Attridge reported that many doctoral students in theology come with a master's degree and many of these master's degrees were earned more than five years prior to matriculation. If credits from these degrees are transferable, these students will complete the 72-credit hour requirement in two years and start on their dissertation research. If not, these students' progress will be delayed and the department will also have to find tuition funds to support them for one additional year. It was pointed out that some of the master's degrees in theology are professional degrees (e.g., master of divinity) and the question arose whether credits from such degrees could be accepted to count toward the Ph.D. degree. In response, it was said that master of divinity programs, in some cases if not in all, require the same kind of courses as the M.A. in theology program, in addition of professional skill courses. In closing this discussion, Dr. Gordon agreed that, while it will be unwise to abandon the five-year rule, petitions for exception may be entertained (for example, in the case of a student with a Master of Divinity degree, who has been involved in the practice of ministry).

### V. Chairman's Remarks

Personnel Changes in the Office of Advanced Studies: Dr. John R. O'Fallon, assistant vice president for advanced studies and director of the summer session, resigned and was replaced by Dr. James H. Powell, director of graduate admissions. In the new position, Dr. Powell will also assume responsibility for program reviews. Dr. Richard A. Hilliard, postdoctoral research associate in the department of biological sciences, was appointed as a replacement for Dr. Powell. In addition to his duties as director of graduate admissions, Dr. Hilliard will coordinate University committees dealing with federal compliance.

Graduate Housing: The Graduate Student Union has conducted a comprehensive housing survey among graduate students. An excellent report of this survey has been completed and copies communicated to the University officers and to the Task Force on Residentiality. The report has added much significant information on housing problems and cost encountered by graduate students. The Chairman further noted that the "Strategic Moment" campaign earmarked \$4.5 million for graduate housing.

Nominations for Honorary Degrees: The Graduate Council has been invited to nominate candidates for honorary degrees for the 1988 May commencement. Council members are encouraged to submit names of truly outstanding scholars in their fields to Dr. Gordon. A slate of four nominees, one in each division in the Graduate School, will be constituted for presentation to the University.

Alumni News: The Council is advised that Notre Dame Magazine will accept alumni news about former graduate students from departments. Interested departments should appoint alumni news editors and communicate their names to Mr. Walton R. Collins, editor of the magazine.

Tuition Scholarships to Graduate Students: University tuition scholarships to graduate students are considered true scholarships, free of any service requirement. Departments should be careful not to link in any way the offer of tuition scholarship to any other award that is subject to tax. A separate letter should be used for tuition scholarship offer.

Status of Tuition Remissions Under 127(C)(8): Some members of the Congressional Ways and Means Committee have agreed to support a technical correction amendment to clarify that Section 127(C)(8) continues to allow degree-seeking graduate students to not include tuition waivers as income. The Council of Graduate Schools is asking its members to seek more widespread congressional support for this amendment.



**Minority Enrollment:** Recommendation number 10 of the University Committee on Minority Students calls for the doubling of ethnic minority enrollment in the Graduate School over the next five years. In striving to reach this goal, we will continue to pay attention to the maintenance of quality in our recruitment efforts. It was also reported that funding is being sought to increase our ability to provide fellowships to a greater number of minority students in the next ten years.

VI. Other Business:

There was no other business.

The Chairman thanked the members for their participation. The meeting was adjourned at 5 p.m.

## faculty senate journal november 10, 1987

Dr. F. Ellen Weaver, Chair of the Faculty Senate, called the meeting to order at 7:35 p.m., and Prof. Austin Collins, C.S.C., was asked to offer the prayer.

Weaver requested the senators to strike out item six from the meeting's agenda, and then the floor was opened for discussion and correction of the journal of Sept. 14, 1987. Prof. Jean Pec requested that the following corrections be made: on page four, it should read that Dr. Suzanne Kelly seconded the motion made by Prof. Mario Borelli. Pec made a motion that the journal of Sept. 14, 1987 be approved as corrected, and Prof. Pamela Falkenberg seconded it. The senate unanimously approved the corrected journal.

Conway stated that the faculty need to complain about the parking problem in order to get results. Rakow agreed. He called for input from the faculty.

Borelli, speaking for the Benefits Committee, said that compared with other institutions, the overall parking situation at Notre Dame is not unsatisfactory. He wanted to go on record as opposing any fees for parking privileges.

Rakow ended the discussion with comments on plans to hire in the near future a Manager of Parking. This special member of the Security Department would deal with all aspects of this important issue. Weaver expressed the senate's deep gratitude to Rakow.

Weaver then introduced Mr. Michael Murdock, academic coordinator for student government. Murdock, along with Student Senators Steve Viz and Michael Carrigan, were present to collect a questionnaire each member of the faculty senate was asked to complete and return at the meeting. The essential elements of the questionnaire are presented below.

1) Does the current seven choice grading system offer enough options in measuring the academic accomplishments of students?

Always \_\_\_\_ Usually \_\_\_\_ Rarely \_\_\_\_ Never \_\_\_\_

2) If you could give B pluses, would you give less A minuses?

Yes \_\_\_\_ No \_\_\_\_

3) If you could give C pluses, would you give less B minuses?

Yes \_\_\_\_ No \_\_\_\_

4) In your opinion, is it common practice to raise borderline grades (high B's or C's) to the higher grade (A- or B-)?

Often \_\_\_\_ Occasionally \_\_\_\_ Only in Special Cases \_\_\_\_ Never \_\_\_\_

5) Which grading system do you believe would help the most students?

Current System \_\_\_\_\_ System with Pluses and Minuses \_\_\_\_\_

6) Would you personally favor plus and minus system?

Yes \_\_\_\_\_ No \_\_\_\_\_ Other Change \_\_\_\_\_ (what?)

If this questionnaire was sent to all faculty members, how could it be improved?

Murdock, Viz, and Carrigan were also present at the meeting to receive the oral comments of the senators in regards to the grading system and the possibility of adding the grades of B plus and C plus. A number of senators spoke out, expressing a variety of opinions and raising some questions.

Weaver then opened the floor for new business. Prof. Kent Emery spoke of problems not being remedied by the library's new computer system, and he requested the senate to look into these problems. He proposed that the card catalogue system be maintained as a backup to the computer system, and he asked that a senate committee investigate his proposal.

Pec made the following remarks: there were no immediate plans to discard the card catalogue. The present system in use at the library is widely used and therefore may be believed in. There is already a committee established for such concerns, namely, the University Committee on Libraries.

Prof. Dennis Moran said that the card catalogue continues to be necessary and that it should be maintained. Weaver ended the discussion on the library by stating that before the senate consider Emery's proposal, it should be examined by the senate's Academic Affairs Committee.

Weaver then reported that the senate's Administration Committee, chaired by Prof. John Yoder, was continuing to work on the question of the senate's responding to "The Policy Statement on Higher Education by the Priests of the Holy Cross, Indiana Province."

Conway made and Pec seconded a motion to adjourn. Adjournment took place at 9:16 p.m.

MEMBERS PRESENT: Mario Borelli, mathematics; Jacqueline Brogan, English; Austin Collins, C.S.C., art; Paul Conway, finance; JoAnn DellaNeva, modern and classical languages; Kent Emery, program of liberal studies; Michael Etzel, marketing; William Fairley, earth sciences; Pamela Falkenberg, communication and theatre; Stephen Fallon, program of liberal studies; Thomas Flint, philosophy; Edward Goerner, government; Eugene Gorski, C.S.C., theology; John Halloran, finance; Sandra Harmatiuk, freshman year of studies; Mark Herro, electrical engineering; Douglas Hemphill, ROTC; Nai-Chien Huang, aerospace and mechanical engineering; Steven Hurtt, architecture; Suzanne Kelly, institute for pastoral and social ministry; Robert Kerby, history; George Kolettis, mathematics; Alan Krieger, library; Dennis Moran, review of politics; Michael Morris, accountancy; Patrick Murphy, marketing; Maria Rosa Olivera-Williams, modern and classical languages; Jean Pec, library; Ray Powell, accountancy; F. Clark Power, program of liberal studies; Walter Pratt, law; Philip Quinn, philosophy; Karamjit Rai, biological sciences; J. Keith Rigby, earth sciences; John Rohrbough, naval science; William Shephard, physics; F. Ellen Weaver, theology; John Yoder, theology.

MEMBERS PRESENT: Panos Antsaklis, electrical engineering; Frank Bonello, economics; Paul Bosco, emeritus; Dino Cervigni, modern and classical languages; Jay Dolan, history; Richard Fessenden, chemistry; Mohamed Gad-el-Hak, aerospace and mechanical engineering; Robert Hayes, chemistry; Yih-Fang-Huang, electrical engineering; James McCarthy, emeritus; Howard Saz, biological sciences; Daniel Sheerin, modern and classical languages; Anthony Trozzolo, chemistry; Robert Vacca, modern and classical languages.

MEMBERS ON LEAVE: Steven M. Bell, modern and classical languages; Andre Goddu, program of liberal studies; Donald Sporleder, architecture.

Respectfully submitted,

Eugene F. Gorski, C.S.C.  
Philip L. Quinn  
Co-secretaries

# university libraries minutes

## december 9, 1987

Minutes of the Meeting of Dec. 9, 1987 - University Committee on Libraries

The meeting was called to order at 4 p.m. by chairperson Harvey Bender in the conference room of the administrative offices, 221 Hesburgh Library. Also present were members Joseph Blenkinsopp, John Lucey, Bill McDonald, Robert C. Miller, James Robinson, and W. Robert Scheidt, and secretary Vicki Maachouk.

The minutes of Nov. 11 were approved as corrected.

Mr. Miller gave his report as Director of Libraries.

Secretary: The committee's secretary will be leaving January.

Library Faculty: At this week's library faculty meeting, the faculty raised three concerns regarding their salaries and asked if the committee would support a raise in salaries for library faculty. The three concerns are: individual salaries; the position of librarians' salaries in the University structure; and the position of librarians' salaries in the professional structure. Within the University structure, the gap between salaries for teaching and research faculty and library faculty is growing. Currently the teaching and research faculty salaries are near the top of the AAUP survey. Within the professional structure, the librarians' salary levels rank 60th in ARL median salaries. Mr. Miller shared these concerns of the library faculty and the committee requested that material be developed on this question to be studied and reviewed at the January meeting.

Grant Application: Under title 2C of the Higher Education Act the libraries are making a grant application for the cataloguing and preservation of the Joyce Sports Collection. This collection is among the best in the country and this work is necessary to make it more widely available.

Faculty Senate Meeting: Miller will attend this evening's meeting of the faculty senate to address the topic of the card catalog. He will inform the faculty of library plans to keep the card catalog alive but not keep it current. When materials are withdrawn or locations are changed, the cards will be withdrawn from the catalog so there will be no wrong information in the catalog. Also main entry cards will be filed for new serials. This minimal level of maintenance will cost approximately \$3,000 annually while it would cost roughly \$100,000 annually to fully maintain the card catalog. Even if there was money, Miller would have difficulty supporting the full maintenance of the card catalog. Prof. Bender asked what safeguards there are for the automated catalog. Miller responded that journal tapes of a day's activity are made daily and each week there is a back-up tape made of the whole system. The libraries are investigating the possibility of storing the back-up tape off site. Prof. Scheidt added that he believed that the back-up for the 3033 is kept off-site and Miller will check on this. Prof. Robinson asked how the libraries will respond to faculty who would rather work with the card catalog. Miller reiterated that the card catalog would remain and would be suitable for basic research, but this must be supplemented with UNLOC. Prof. Blenkinsopp recommended that signs be posted near the card catalog and terminals. Miller said that is presently being done. The signs will note that the card catalog is complete for materials catalogued through Oct. 22, 1987. Asked when UNLOC will have a record of 100 percent of the libraries' materials, Miller replied that more than 90 percent, including currently received serials, will be in UNLOC by June 30, 1988 and it will take several years to add the rest. The remaining percentage includes about 40,000 monographs and at least 20,000 dead older serials. A decision will have to be made to convert these in-house or send them to a vendor. In response to a question, Miller said forms for patrons to inform librarians of necessary corrections to UNLOC are located next to the terminals and patrons are encouraged to fill these out. Prof. Robinson asked if there are plans to get more printers. Miller responded that this is possible. Currently there are three printers in Hesburgh.

Graduate Council Review: The survey of the teaching and research faculty elicited about a 30 percent response. The Social Science Training and Research Laboratory is tabulating these, while photocopies have been made of all written responses and distributed to appropriate individuals and units for action. Regarding the review committee, Miller prepared a long list of possible members, the Vice President for Advanced Studies made a

short list and letters then went out. It is hoped that the committee will number four and will visit campus in March. Miller added that a summary of the survey results and comments will be published in the libraries' newsletter, Access.

Food and Drink in the Libraries: Recognizing the difficulty of policing consumption of food and beverage in the libraries, the Libraries Administrative Committee approved a seven-point plan which will govern this matter for both patrons and staff.

Turning to the agenda item, the 1988-89 budget, Mr. Miller said that he has no firm idea yet what the libraries will receive. However, after preliminary discussions with the Provost, it does look more promising than it did just a few months ago. Nevertheless, the acquisitions budget will still be in difficulty. Prof. Bender, Maureen Gleason, and Mr. Miller recently discussed options for dealing with the acquisitions budget, but a unanimous agreement was not reached. Miller and Gleason believe that in order to handle the acquisitions, one must deal with serials for the following reasons: serials compose the largest single component of the acquisitions budget -- about 50 percent; serials are the least flexible item -- once the order has been placed, money is committed for the year; and costs of serials are escalating more than any other area. Gleason and Miller believe that a comprehensive serials review is therefore necessary and propose to conduct it as follows:

1. Present the issue to a joint meeting of bibliographers, book selectors, liaisons, and department chairs;
2. Ask departments to identify by Feb. 15, 8 percent of their serials budget of 1986-87 for possible cancellation in 1988-89. These should be identified as cancellations which would present no problems and cancellations which would present problems.
3. The list would then be reviewed by the libraries' collection development committee, potential cancellations would be identified and the whole list would then be distributed to the entire faculty.
4. Responses would be requested within a few weeks and by April 1 the libraries should have a fairly firm idea of the dollar amount which must be cut in the acquisitions budget. Costs for 80 percent of the serials for 1987-88 will be known by then, although they can still change, and projections for serials costs in 1988-89 can then more accurately be made. UCL will receive the list of "approved" cancellations at this time for review.

Prof. Bender noted that if departments are asked to severely tighten their belts and then cuts are not necessary, willingness to make future cuts may be adversely affected. Miller responded that inflation is greatest with serials and financial problems with serials will not change in the long term. If shortfall funds are received, Miller would prefer to put them into book funds and departments could transfer these to serials if they wish.

Bender proposed that belts be tightened across the board, in all budget areas, rather than focusing just on serials. Miller responded that if, for example, a 4 percent cut was made across the board, the binding of currently received serials would be jeopardized and some departments' book budgets that are already woefully inadequate would be severely hurt. Subscriptions for new serials must come from the book budget, placing a double tax, so to speak, on the book budget. Also, cutting all departmental book budgets would not impact all departments evenly because some departments have endowments, while others, such as architecture, are dependent on University funds for their entire acquisitions budget.

Prof. Blenkinsopp and Prof. Lucey argued in favor of a serious serials review at this time. The final decision to cut specific serials, monographs, or other budget areas could be deferred. Lucey favored making a list of potential serials cancellations that is longer than one hopes to need. Miller informed the committee that Indiana University cut 10-15 percent of its serials budget in 1987-88 and this year is doing another review and cut. Its Life Sciences Libraries alone cut 450 titles. Prof. Scheidt asked how much duplication there is in titles in the Notre Dame Libraries and Miller replied that there is very little. Miller added that as difficult as it is to consider cutting the serials list, realities of the tight money situation, rising inflation, and dollar devaluation must be kept in perspective.

The committee asked Prof. Blenkinsopp to nominate a replacement since he will be out of the country for the spring semester. The meeting was adjourned at 5:30 p.m.

Respectfully submitted,

Vicki Maachouck  
Secretary

# advanced studies

## current publications and other scholarly works

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### COLLEGE OF ARTS AND LETTERS

#### Core Course

- Neiman, Alven M.  
A.M. Neiman. 1988. Indoctrination and Rationality. Pages 241-245 in, B. Arnstein and D. Arnstein, eds., *Philosophy of Education 1987: Proceedings of the Forty-third Annual Meeting of the Philosophy of Education Society*. Philosophy of Education Society, Normal, Illinois.

#### English

- Brogan, Jacqueline V.  
J.V. Brogan. 1987. Wallace Stevens: Poems Against His Climate. *Wallace Stevens Journal* 11:75-93.  
J.V. Brogan. 1987. Review of Joseph Carroll, *Wallace Stevens' Supreme Fiction. A New Romanticism*. Louisiana State University Press, Baton Rouge, Louisiana. Pages 130-132.
- Bruns, Gerald L.  
G.L. Bruns. 1988. The Weakness of Language in the Human Sciences. Pages 239-262 in, J. Nelson, et al., eds., *The Rhetoric of the Human Sciences: Language and Argument in Scholarship and Public Affairs*. University of Wisconsin Press, Madison, Wisconsin.  
G.L. Bruns. 1988. The New Philosophy. Pages 1045-1059 in, E. Elliott, et al., eds., *The Columbia Literary History of the United States*. Columbia University Press, New York, New York.

- Jemielly, Thomas J.  
T.J. Jemielly. 1987. Thomas Pennant's *Scottish Tours and a Journey to the Western Islands of Scotland*. Pages 312-327 in, P. Nath, ed., *Fresh Reflections on Samuel Johnson: Essays in Criticism*. Whitston Publishing Company, Troy, New York.
- O'Rourke, William A.  
W.A. O'Rourke. 1988. The Night the Ghost Didn't Get in. *Poets and Writers Magazine* 16(1):7-12.

#### History

- Biddick, Kathleen A.  
K.A. Biddick. 1987. Review of M.K. McIntosh's, *Autonomy and Community: The Royal Manor of Havering 1200-1500*. *Agricultural History* 61:77-79.
- Dolan, Jay P.  
J.P. Dolan. 1987. Editor. *The American Catholic Parish: A History from 1850 to the Present, Volume I*. Paulist Press, New York, New York. 359 pp.  
J.P. Dolan. 1987. Editor. *The American Catholic Parish: A History from 1850 to the Present, Volume II*. Paulist Press, New York, New York. 423 pp.

#### Modern and Classical Languages

- Cervigni, Dino S.  
D.S. Cervigni. 1987. Editor. *Annali D'Italianistica*. D'Annunzio. Notre Dame, Indiana. 343 pp.  
D.S. Cervigni. 1987. Review of B. Delmay's *I Personaggi Della Divina Commedia*. *Annali D'Italianistica* 5:274-276.  
D.S. Cervigni. 1987. Review of J.C. Brown's *Immodest Acts*. *Annali D'Italianistica* 5:284-286.
- Olivera-Williams, Maria R.  
M.R. Olivera-Williams. 1987. Review of Luis Antonio De Villena's *José Emilio Pacheco*. *Hispania* 70(4):805-806.
- Visona, Paolo  
P. Visona. 1988. Passing the Salt: On the Destruction of Carthage Again. *Classical Philology* 83:41-42.

Philosophy

- Burrell, CSC, David B.  
D.B. Burrell, CSC. 1987. Unknowability of God in Al-Ghazali. Religious Studies 23: 171-182.

Program of Liberal Studies

- Fallon, Stephen M.  
S.M. Fallon. 1987. Milton's Sin and Death: The Ontology of Allegory in Paradise Lost. English Literary Renaissance 17(3):329-350.

Psychology

- Anderson, D. Chris  
D.C. Anderson, C.R. Crowell and R. Ramirez. 1987. Stepwise Reductions in US Density and Intensity: Maintenance and Extinction of Conditioned Suppression. Animal Learning and Behavior 15(3):312-320.  
Crowell, Charles R.  
See under Anderson, D. Chris. 1987. Animal Learning and Behavior 15(3):312-320.

Theology

- Trembath, Kern R.  
K.R. Trembath. 1987. Our Knowledge of God According to Karl Rahner. Evangelical Quarterly 87(4):329-341.

COLLEGE OF SCIENCE

Biological Sciences

- Martin, Vicki J.  
V.J. Martin. 1987. Peptides in the Nervous System of a Hydrozoan Planula. American Zoologist 27(4):94A.  
V.J. Martin. 1987. A Morphological Examination of Gastrulation in a Marine Athecate Hydrozoan. Biological Bulletin 173: 324-334.  
K.J.S. Kolberg and V.J. Martin. 1987. Examination of Hydrozoan Planulae of Halocordyle Disticha for the Presence of Catecholamines. American Zoologist 27(4):100A.

Chemistry

- Castellino, Francis J.  
See under V. Sator de Serrano. 1987. Journal of Biological Chemistry 262(33):15959-15964.  
Chibber, Bakshy A.  
See under V. Sator de Serrano. 1987. Journal of Biological Chemistry 262(33): 15959-15964.  
Gellene, Gregory I.  
S.F. Selgren and G.I. Gellene. 1987. Observation and Characterization of the CH<sub>5</sub> Radical by Neutralized Ion Beam Techniques. Journal of Chemical Physics 87(10):5804-5808.

- S.F. Selgren and G.I. Gellene. 1987. Experimental Evidence for the Metastability of Neon Hydride. Chemical Physics Letters 141(6):508-510.

George, Manapurathu V.

- See under RADIATION LABORATORY; Das, Paritosh K. 1987. Journal of Organic Chemistry 52:5505-5511.

- See under RADIATION LABORATORY; Das, Paritosh K. 1987. Journal of Organic Chemistry 52:5512-5517.

Kozak, John J.

- P.A. Politowicz and J.J. Kozak. 1987. Surface Site Diffusion and Reaction on Molecular "Organizates" and Colloidal Catalysts: A Geometrical Perspective. Proceedings of National Academy of Science 84:8175-8179.

Miller, Marvin J.

- A. Biswas and M.J. Miller. 1987. Rearrangement of N-(p-Toluenesulfonyloxy)-2-Pyrrolidinone. Heterocycles 26(11):2849-2851.

Mozumder, Asokendu

- W.G. Burns and A. Mozumder. 1987. Theoretical Analysis of Free-Ion Yield in Liquid Argon under Low-Let Irradiation. Chemical Physics Letters 142(5):381-384.

- A. Mozumder, S.M. Pimblott, P. Clifford and N.J. Green. 1987. Electron-Ion Geminate Escape Probability in Anisotropic Media. Chemical Physics Letters 142(5): 385-388.

Patterson, Larry K.

- M. Bohorquez, L.K. Patterson and D. Brault. 1987. Porphyrin-Lipid Interactions at the Air-Water Interface in Spread Monolayers. A Fluorescence Study. Photochemistry and Photobiology 46(6):953-957.

Sator de Serrano, Vesna

- T. Urano, V. Sator de Serrano, B.A. Chibber and F.J. Castellino. 1987. The Control of the Urokinase-catalyzed Activation of Human Glutamic Acid 1-Plasminogen by Positive and Negative Effectors. Journal of Biological Chemistry 262(33):15959-15964.

Scheidt, W. Robert

- N. Li, D. Levendis, P. Coppens, M.E. Kastner, L.E. Carruth and W.R. Scheidt. 1987. Structure of (Methanesulfonato) (meso-tetraphenylporphinato)iron(III)-Chloroform(1/1). Acta Crystallography - C43:1835-1838.

Schuler, Robert H.

- See under RADIATION LABORATORY; LaVerne, Jay A. 1987. Journal of Physical Chemistry 91:6560-6563.

Mathematics

Snow, Dennis M.

- D.M. Snow. 1987. Invariants of Holomorphic Affine Flows. Archiv der Mathematik 49:440-449.

Sommese, Andrew J.

- A. Morgan and A.J. Sommese. 1987. A Homotopy for Solving General Polynomial Systems That Respects m-Homogeneous Structures. Applied Mathematics and Computation 24:101-113.
- A. Morgan and A.J. Sommese. 1987. Computing All Solutions to Polynomial Systems Using Homotopy Continuation. Applied Mathematics and Computation 24: 115-138.
- A.J. Sommese and A. VandeVen. 1987. On the Adjunction Mapping. Mathematische Annalen 278:593-603.

#### Physics

Canough, Gay E.

See under Poirier, John A. 1987. Bulletin of the American Astronomical Society 19(4): 3.

Funk, Jr., Emerson G.

See under Poirier, John A. 1987. Bulletin of the American Astronomical Society 19(4): 3.

LoSecco, John M.

See under Poirier, John A. 1987. Bulletin of the American Astronomical Society 19(4): 3.

Marshalek, Eugene R.

E.R. Marshalek. 1987. Reconstituting Rotational Band Structure from Deformed Boson Expansions. II. Model Test. Physical Review C36:2538-2554.

Poirier, John A.

J.A. Poirier, G.E. Canough, E.G. Funk, Jr., P. Kinney, J.M. LoSecco, S. Mikocki and T.W. Rettig. 1987. A New Method to Detect UHE Gamma Ray Extensive Air Showers Which Directly Measures Angles and Identifies Muons. Bulletin of the American Astronomical Society 19(4):3.

Rettig, Terrence W.

T.W. Rettig, J.R. Kern and D.A. Ramsay. 1987. High Speed Spectroscopic Data Acquisition for Comet Wilson, Comet Nishikawa-Takamizawa-Tago and the Supernova 1987a. American Astronomical Society 19(4):1123.

See under Poirier, John A. 1987. Bulletin of the American Astronomical Society 19(4): 3.

#### COLLEGE OF BUSINESS ADMINISTRATION

##### Accountancy

Misiewicz, Kevin M.

D.C. Marshall, K.M. Misiewicz and W.R. Singleton. 1987. Applications of Computer-Assisted Tax Research in Academic Programs. Journal of Accounting Education 5(2):287-296.

##### Finance and Business Economics

Bergstrand, Jeffrey H.

J.H. Bergstrand. 1987. Selected Views of Exchange Rate Determination After a

Decade of "Floating." Pages 230-245 in, Readings in International Finance. Federal Reserve Bank of Chicago, Chicago, Illinois.

#### LAW SCHOOL

Dutile, Fernand N.

S.E. Arthur, C.A. Brook, M.K. Cavanaugh, A.N. Cohen, W.M. Conley, M.M. Conway, F.N. Dutile, W.M. Evans, C. Fitzpatrick, L.A. Kaster, R.L. Klaff, B. Levenstam, T.F. MacCarthy, F.T. Olson, J.A. Parness, W.S. Parsons, H.A. Pollack, S.R. Robertson, J.A. Scanlan, Jr., J.C. Schroeder, B.S. Shulman, J.S. Skilton, T.F. Strubbe, P.W. Tone and T.W. Yoder. 1987. The Attorney's Guide to the Seventh Circuit Court of Appeals. Seventh Circuit Bar Association and State Bar of Wisconsin, Wisconsin. xxvi + 422 pp.

#### O'NEILL CHAIR IN EDUCATION FOR JUSTICE

Goulet, Denis A.

D.A. Goulet. 1987. Participation in Development Decisions as Moral Incentive: A Brazilian Case Study. Development and Peace 8(1):131-137.

#### JACQUES MARITAIN CENTER

McInerny, Ralph M.

R.M. McInerny. 1987. Thomas von Aquin: Kontemplation und Lehre. Internationale Katholische Zeitschrift 6:498-506.

#### RADIATION LABORATORY

Carmichael, Ian C.

I.C. Carmichael. 1987. Ab Initio Configuration Study of the Hyperfine Coupling in F<sub>2</sub><sup>-</sup>. Journal of Physical Chemistry 91: 6443-6445.

Das, Paritosh K.

K. Bhattacharyya, K. Bobrowski, S. Rajadurai and P.K. Das. 1987. Transient Phenomena in the Pulse Radiolysis of Retinyl Polyenes. 7. Radical Anions of Vitamin A and Its Derivatives. Photochemistry and Photobiology 47:73-83.

K.R. Gopidas, D.R. Cyr, P.K. Das and M.V. George. 1987. Photochemical and Thermal Transformations of 3-Benzyl-2(3H)-furanones and Related Substrates. Journal of Organic Chemistry 52:5505-5511.

S. Pratapan, K. Ashok, D.R. Cyr, P.K. Das and M.V. George. 1987. Phototransformations of Bridgehead-Substituted Dibenzobarrelenes. Steady-State and Laser Flash Photolysis Studies. Journal of Organic Chemistry 52:5512-5517.

Green, Nicholas J.

See under CHEMISTRY; Mozumder, A. 1987. Chemical Physics Letters 142(5):385-388.

---

Kamat, Prashant V.

W.E. Ford and P.V. Kamat. 1987. Photochemistry of 3,4,9,10-Perylenetetracarboxylic Dianhydride Dyes. 3. Singlet and Triplet Excited-State Properties of the Bis(2,5-di-tert-butylphenyl)imide Derivative. Journal of Physical Chemistry 91:6373-6380.

LaVerne, Jay A.

J.A. LaVerne and R.H. Schuler. 1987. Track Effects in Radiation Chemistry: Production of  $\text{HO}_2^{\cdot}$  in the Radiolysis of Water by High-LET  $^{58}\text{Ni}$  Ions. Journal of Physical Chemistry 91:6560-6563.



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