

notre dame report

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faculty notes

honors

Stephen A. Fredman, associate professor of English, has been designated chairman of next year's William Carlos Williams Society Session at "Williams' Fiction(s)" at the Modern Language Association Convention in Washington, D.C.

Patrick Horsbrugh, professor emeritus of architecture, has been reappointed by the president and board of directors, AIA, a member of the Regional and Urban Design Committee, January 1989.

Roger F. Jacobs, professor of law, director of research in the Kresge Law Library, and associate dean for Research and Information Services, has been appointed by Herma Hill Kay, president-elect of the Association of American Law Schools, to a three-year term on the Association's Committee on Libraries.

John E. Matthias, professor of English, and Vladeta Vuckovic, associate professor of mathematics, have been awarded the Slobodana Jovanovic Award for the "best literary work published in 1987" by the Society of Serbian Writers and Artists Abroad for their translation of The Battle of Kosovo (Swallow Press and Aquila Press, 1988).

Leonard E. Munstermann, associate faculty fellow in biological sciences, was appointed vice-chairperson of the International Affairs Committee of the Entomological Society of America by Dr. Dorothy Feir, president of the society.

Gerhart Niemeyer, part-time professor emeritus of government and international studies, has been bestowed with the Freedom Leadership Award by Hillsdale College, Hillsdale, Mich. The award was

created by the college to honor distinguished individuals whose life's work has been dedicated to the preservation of liberty and defense of spiritual heritage.

Morris Pollard, Coleman director of the Lobund Laboratory and professor emeritus of biological sciences, has been appointed to the panel of Independent Assessors of the National Health and Medical Research Council of Australia.

Irwin Press, professor of anthropology, has been appointed to the Quality Improvement Task Force of the Joint Commission on Accreditation of Healthcare Organizations. The commission, headquartered in Chicago, is charged with setting medical care standards for, and accrediting, all hospitals in the United States. The Quality Improvement Task Force is charged with reviewing and revising these standards.

Frank K. Reilly, Hank professor of business administration, was elected to the board of directors of the Investment Analysts Society of Chicago. He was re-elected to be chairman of the Advisory Committee for The Financial Review, a joint publication of the Eastern Finance Association and the Midwest Finance Association of the Financial Management Meeting. He was elected Vice-President-Program for the 1989 meeting of the Academy of Financial Services.

John F. Santos, professor of psychology and director of the Center for Gerontological Education, Research and Services, has been appointed to the National Advisory Council on Aging of the National Institutes of Health by Dr. Otis Bowen, Secretary of Health and Human Services in the Reagan Administration. The National Council on Aging counsels the Secretary of Health, the director of the

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National Institutes of Health, and the director of the National Institute on Aging on issues relating to the aging process, associated diseases, and other special problems and needs of the aging.

Michael J. Slinger, associate librarian in the Law School, was installed as president of the Ohio Regional Association of Law Libraries at the association's fall meeting in Indianapolis, Ind., Oct. 14.

activities

Krishna M. Choudhary, assistant professor of materials science and engineering, presented a poster paper titled "Photoemission EXAFS from Na-covered InP(110) surfaces" at the fall meeting of the Materials Research Society, Symposium D: Advanced Techniques for Characterizing Surfaces and Interfaces of Materials held in Boston, Mass., Nov. 28-Dec. 3. He presented an oral paper titled "Photoemission EXAFS from InP(110) and Al/InP(110)" at Symposium V: Synchrotron Radiation in Materials Research at that same meeting.

John Chateaufneuf, research associate in the Radiation Laboratory, presented the paper "Photoinduced Electron Transfer from Dialkyl Nitroxides" at the second IAPS Winter Conference, Clearwater, Fla., Jan. 2-7.

Alan Dowty, professor of government and international studies, appeared as a panelist on the national television broadcast, "Election '88: Israel at the Polls" for the Satellite Network, Nov. 1. He was interviewed about recent developments in the Middle-East on the "Midday" news program, WBEZ-FM, Chicago, Ill., Dec. 27.

Guillermo J. Ferraudi, professional specialist in the Radiation Laboratory, gave the invited paper "Magnetic Field Effects on the Rate of Chemical Reactions: The Case of Electron Transfer Reactions in Coordination Complexes" at the meeting of Inorganic Chemistry sponsored by the Chilean Chemical Society held in Santiago, Chile, Jan. 3-6.

Stephen A. Fredman, associate professor of English, presented "Williams, Eliot, and The Missing American Tradition" to the William Carlos Williams Society at the Modern Language Association Convention in New Orleans, La., Dec. 29.

Sonia G. Gernes, associate professor of English, chaired a session on "Gender and Genre at the Midwestern American Eighteenth Century conference at the University of Notre Dame, Notre Dame, Ind., Oct. 11. She read her own poetry and fiction in the Distinguished Visiting Writers Series at Pittsburg State University, Pittsburg, Kans., Nov. 10. She lectured on "Sound Values in Poetry" at Pittsburg State University, Nov. 11.

Andre L. Goddu, assistant professor in the Program of Liberal Studies, presented a paper titled "Was Copernicus's Realism a Mistake?" at the annual meeting of the History of Science in Cincinnati, Ohio, Dec. 28-30.

Karical R. Gopidas, research associate in the Radiation Laboratory, presented the paper "Photochemistry on Surfaces. Excited State Behavior of Dyes on Metal Oxide Particles" at the second IAPS Winter Conference held in Clearwater Beach, Fla., Jan. 2-7.

Paul R. Grimstad, associate professor of biological sciences, presented the invited paper "Virus-Vector-Host Relationships in the Midwestern Jamestown Canyon Virus Cycle" at the annual meeting of the Illinois Mosquito Control Association, Indian Lakes Resort, Bloomington, Ill., Nov. 3-4. He gave the paper "Variation in Seasonal Prevalence Rates of Neutralizing Antibody to Jamestown Canyon Virus in Three White-tailed Deer Populations and Vector Competence of Select Mosquito Species Potentially Associated With the Natural Transmission Cycle in the Upper Midwest" at the annual meeting of the American Society of Tropical Medicine and Hygiene, Washington, D.C., Dec. 4-8.

Prashant V. Kamat, associate professional specialist in the Radiation Laboratory, presented the paper "Electron Transfer Reactions of Metal Chalcogenide Semiconductor Colloids" at the second IAPS Winter Conference in Clearwater Beach, Fla., Jan. 2-7.

John M. LoSecco, associate professor of physics, gave the invited talk "Neutrino Energetics and Neutrino Content of SN1987A" at the 14th Texas Symposium on Relativistic Astrophysics in Dallas, Tex., Dec. 13.

Paul J. McGinn, assistant professor of materials science and engineering, presented a poster titled "Processing of Bi-Pb-Sr-Ca-Cu-O Films by Thermal Spraying" and gave a talk titled "Texture Formation in Polycrystalline $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ by Zone Melting" at the fall meeting of the Materials Research Society in Boston, Mass., Nov. 28-Dec. 3.

Ralph M. McInerny, Grace professor of medieval studies, director of the Maritain Center, and professor of philosophy, gave "Principle of Totality" at the second international congress on Moral Theology sponsored by John Paul II Institute on Marriage and the Family, Lateran University, Rome, Italy, Sept. 11. He served on the panel on "Clerical Sleuths" at the Mystery Writers of America, San Diego, Calif., Oct. 9. He presented "Protestant, Jewish and Catholic Notions of Natural Law" at the Center on Religion and Society, New York, N.Y., Oct. 10. McInerny lectured on "The Relevance of St. Thomas" to the Catholic Forum in Washington, D.C., Oct. 25. He presented "Adler on Freedom" at the American Maritain Association, University of Notre Dame, Notre Dame, Ind., Oct. 29. He gave "Modernity and Christianity" at the Institut de Religion et Sciences Humaines in Castel Gandolfo, Italy, Nov. 11. He presented "Recovery of Reason" at the Intercollegiate Studies Institute, Washington, D.C., Nov., 29. He gave six lectures on "Thomas on Human Action" at the Dominican House of Studies, Washington, D.C., during November and December.

Asokendu A. Mozumder, faculty fellow in chemistry and in the Radiation Laboratory, gave the lecture "Introductory Radiation Chemistry 1" at the Science and Engineering Research Laboratory, Tokyo, Japan, Oct. 3. He presented "Electron Tunneling at Low Temperatures" at Waseda University, Tokyo, Japan, Oct. 4. He gave "Spur Size Distribution in Water and Aqueous Solutions" at the Hitachi Energy Research Laboratory in Hitachi-shi, Tokyo, Japan, Oct. 6. He presented "Ionization in Liquefied Rare Cases" at RIKEN, Tokyo, Japan, Oct. 7. He gave the lecture "Theory of Track Effects in Radiation Chemistry" at Waseda University in Tokyo, Japan, Oct. 11. Mozumder gave "Ion-Pair Distribution in Liquid and Glassy Hydrocarbons: at the Hokkaido University, Sapporo, Japan, Oct. 13. He lectured on "Theoretical Aspects of Heavy-Ion Tracks in Radiation Chemistry" at the Nagoya Institute of Technology, Nagoya, Japan, Oct. 19. He spoke on "Theoretical Radiation Chemistry at Notre Dame" at the Research Reactor Institute at Kyoto University, Kyoto, Japan, Oct. 20. He gave "Recent Advances in the Theories of Radiation Chemistry" at the Tokyo Institute of Technology, Tokyo, Japan, Oct. 25. He presented "Structure of Heavy-Ion Tracks in Water and Aqueous Solutions" at the National Institute of Radiological Sciences, Anagawa, Chiba, Japan, Oct. 26.

Alvin Plantiga, O'Brien professor of philosophy, gave three lectures "Two Dozen or So Good Theistic Arguments," "Belief in God as Basic," and "Evil and Probability" at Trenton State College, Trenton, N.J., Nov. 14-16.

Frank K. Reilly, Hank professor of business administration, chaired the seminar "Academic and Industry Cooperation in the Financial Planning Industry, New York, N.Y., Sept. 13. He was named chairman of the Board of Trustees at the Financial Management Association Meeting held in New Orleans, La., Oct. 19-22. He co-authored with John Affleck-Graves, assistant professor of finance, Shantaram Hegde, assistant professor of finance and business economics, and Robert E. Miller, assistant professor of management, a paper titled "A Comparison of the Behavior of Initial Public Offerings on the NYSE, AMEX, and NASDAQ Systems" which was presented at that meeting.

Anunay Samanta, research associate in the Radiation Laboratory, presented the paper "Sensitized and Heavy Atom Induced Production of Acenaphthylene Triplet" at the second IAPS Winter Conference, Clearwater Beach, Fla., Jan. 2-7.

James H. Seckinger, director of the National Institute for Trial Advocacy and professor of law, served as a faculty member for the NITA Rocky Mountain Deposition Program at the University of Denver College of Law, Denver, Colo., Dec. 8-10. He also gave a lecture to the faculty on Effective Training Techniques.

Richard G. Sheehan, associate professor of finance and business economics, presented "Foreign Monetary Policy and U.S. Money Growth" and "Variation in Nominal Interest Rates: 1875-1983" at the Southern Economic Association meeting in San Antonio, Tex., Nov. 20-22.

Michael J. Slinger, associate librarian in the Law School, was program chair and master of ceremonies for the educational program titled "Law Librarians in the Information Business--We Are Not Alone! Presenting Interdisciplinary Research Advice" presented at the Ohio Regional Association of Law Libraries fall meeting held in Indianapolis, Ind., Oct. 12-14.

Kern R. Trembath, visiting assistant professor of theology, gave the address "Change in the Church: Catholics and Protestants Today" to the RCIA class at the Aquinas Center of Purdue University, West Lafayette, Ind., Dec. 6. He presented "Mark's Resurrection Christology" to Little Rock Interfaith Bible Study Series of Blessed Sacrament Catholic Church, West Lafayette, Ind., Dec. 7.

Douglas J. Weir, assistant professional specialist in the Radiation Laboratory, presented the paper "On Silica and Alumina Surfaces" at the second IAPS Winter Conference, Clearwater Beach, Fla., Jan 2-7.

John P. Welle, assistant professor of classical and modern languages, gave a paper "Italian Translation Theory: The Politics of the Literary Sign" at the Modern Language Association Annual Convention, New Orleans, La., Dec. 28.

documen- tation

faculty senate journal october 11, 1988

The chair, Dr. F. Ellen Weaver, called the meeting to order in room 210 of the Center for Continuing Education at 7:35 p.m. She immediately turned the program over to the president of the University, Rev. Edward A. Malloy, C.S.C., who made brief opening remarks and then took questions from members of the senate.

He said that one of his greatest challenges since assuming the presidency was to organize his time so that he would be able to accomplish as much as he felt he needed to do. A great asset in achieving this goal has been his ability to delegate a range of responsibilities to two new people on his immediate staff, as well as having in place an excellent group of officers. His new executive assistant, Roland Smith, and counselor, Rev. Richard Warner, C.S.C., have been big aids to him, and he finds regular meetings with them and others (particularly student groups, both graduate and undergraduate) helpful. In short the principle of subsidiarity applies: Someone who is capable and doing a good job should be left alone to continue.

While his early months as president have found him traveling a good deal, his priority is to be here on campus to do his job. But travel is inevitable, especially to visit some of the two hundred and ten alumni clubs, and to help in a wide variety of fund raising efforts (like the current phase of "city visits"). Important also is his presence on the national or international scene, in associations where he can contribute a special view or where Notre Dame's presence should be felt to make a difference. In all this, he tries not to lose sight of the fact that his priority is this campus. He reminded the senate that exercise and prayer remain essential to him as to any other person.

The first question was from Prof. Steven Fallon and dealt with parking on campus and access to buildings. The president outlined two alternatives which are still part of the planning process: 1) to make parking available on the perimeters of the campus and greatly expand the current bus shuttle service; and 2) to build a parking garage, either above ground or under. The chair commented that many universities, such as Florida State in Tallahassee, make faculty and staff pay for parking; so far Notre Dame has not gone in that direction.

Prof. Philip Quinn asked about the perception problem of the US News and World Report survey: We may be eighteenth on certain quantitative issues, but we are not in the Top Twenty-five on the overall reputaton category. Why? The president said he had met with the editors and had expressed his concern over what he facetiously described as a "flawed

tool." As a result of similar meetings with other college and university presidents, they changed and improved some procedures, such as including graduate and undergraduate admissions people in their surveys. We are part of the rankings as a "national research university" and happy to be recognized. Some in that group are quite specialized (like MIT and Cal Tech) and others do not have the same stressful student environment we have. But we are glad to be with the group, and we have some particular strengths that are unweighed in the survey, and that outsiders just don't know about: the living environment here and our religious dimension for examples. For the future Fr. Malloy stressed that graduate programs make a school's reputation--that is the reason some are ranked, and that is the reason we have to improve our graduate program across the board. There remains a continuing bias against Notre Dame because of our success in athletics, but this is declining. We belong in the Top Twenty-five on our undergraduate program, and in the Top Five in particular disciplines.

Prof. Leo Despres complimented the president on his excellent address to the general faculty early that day, but asked about the apparent contradiction in our recruitment of high quality graduate students. Since we seem to depreciate graduate students from universities other than schools like Harvard, Yale, or Berkeley, how can we encourage high quality students to enter the graduate programs at Notre Dame, an institution whose programs are less prestigious than those we depreciate? The president reminded him of an accepted principle: Do not hire your own graduates. Despres said this was a kind of emerging elitism, but the president said recruitment is really in the hands of the department, and beyond that he did not know how to respond. Despres asked another question, this time on the honesty program: How can faculty members really monitor an exam in a large classroom with a great number of students virtually boxed in? Malloy replied that one way to do it was to change the exam to help make the honesty system work. It is difficult to cheat on an essay exam, but relatively easy on multiple-choice. That led him to comment on our need to review class sizes, teaching loads, distribution of resources, etc. But we need to try to make the honesty system work, and we need to keep our moral and ethical values in the forefront. Finally, there will be time for faculty to review the honesty policy.

Prof. Karamjit S. Rai questioned the president about graduate education again. Since we have an excellent undergraduate program in the biological sciences, we should seek to improve graduate education. But if we continue to split large sections without increasing the size of the faculty, how will graduate education ever improve? There is, Malloy responded, a range in teaching loads across the campus, and increasing the numbers of faculty is expensive. There is a constant balancing of legitimate interests; we may have to spread the load further. Notre Dame has sought to support each leg of its mission, but financial well-being also has to be understood. The situation is improving, and the president is seeking ways to hasten this.

An extensive discussion ensued between Prof. Kathleen Biddick and the president over the Shell Oil controversy and its so-called Neptune Strategy. She sought clarification of the University's involvement (including any of its centers and institutes) in the attempt by Bishop James Armstrong and Prof. S. Prakesh Sethi of New York to circumvent or compromise the University's policy on South Africa and its reputation. The president replied strongly in the negative. The University is not thinking of any participation in any effort associated with Rafael Pagan, who seems to believe he has some intimacy with people at Notre Dame. Any press assertion or accusations that Notre Dame is part of this are wrong. The president said he knows of the report, and in passing knows Bishop Armstrong (formerly Methodist bishop in Indiana). On the larger issue, it is legitimate to think about the future of South Africa, but on this specific question we have no part, there have been no offers of money, no overtures, no conspiracy and no commitment. He has spoken to Prof. Lee Tavis about this, and Tavis is angry at being implicated in it. Notre Dame has no plans to be involved, but a center or an institute like Peace Studies may want to study the question of South Africa's post-apartheid future on an academic level. The president concluded that apologies to Notre Dame and several of its people are in order from Armstrong, Sethi and Pagan.

Mr. Alan Krieger, Library, thanked the president for his kind comments about the library system in his afternoon address, and asked him what were his general impressions of the library. Malloy jokingly said it was a nice building with lots of space, but in a serious vein it was a symbol of the prominence the library should have in an academic community. It simply must catch up with the explosion of publication over the past twenty years, and the high personnel costs of a first-rate system. We need to sell the priority of the library, to increase the budget and to raise its endowment. Without money, its prominence as more than a building cannot be achieved. Concentration in areas of high academic interest is vital as a principle of collection building. Efforts in these directions are continuing, and indeed hold a high priority for him.

Prof. Jacqueline Brogan announced the formation of the ad hoc Committee on the Status of Women at Notre Dame. She commented that women students still have a difficult time here, especially because of the occasional denigration they suffer from male students. There is still the old problem of Notre Dame vs. Saint Mary's College, whose students are not seen as serious-minded and academically qualified. In asking the president for his views on the subject, she reminded him and the senate that the University hired its first woman faculty member only twenty-five years ago. Malloy began his response by suggesting that Notre Dame shares this problem with the larger society; it is not unique or immune. But he has seen a "noteworthy change" in attitude here. Although as a teacher, counselor and liturgist he has seen an improvement in this serious problem, he will not ever be complacent about prejudice. Long established patterns will not be overturned quickly, but together we can attack the problem. The senate can be helpful in pointing out areas where improvement needs to be sought. The new sexual harassment policy is an example of the University moving on the issue, but it is only one step. Others need to be identified and addressed, and people's lives need to be changed. Brogan asked further about day care, an essential element if the atmosphere is to improve. Is this being considered, perhaps as part of the design for the classroom building? Is Notre Dame considering day care as part of its benefits program? The president responded affirmatively that it was to be part of the benefits package, but that there appeared to be too many variables to have a center directly on campus operated by the University. To include day care in benefits is an attempt to respond to the task force recommendations, but he realizes this is not the same as having a day care center on campus.

Prof. Robert Miller praised the president for his insistence on open faculty-administration contracts, but pointed out that there have been occasions when top administrators have refused to see faculty members. Is this consistent with the president's desire for greater openness with faculty? The president responded that he knew of no such instances, and he wanted to know the details. His policy is firm, and his secretary knows he will see anyone. Just call for an appointment. Although he did not see the need for a policy statement on this, he believed all of the officers knew his feelings and were following his lead.

Prof. Mohamed Gad-el-Hak brought up the health benefits question. He wanted the president to comment on the relative importance of fringe benefits vs. direct pay, in view of a Faculty Senate survey of the entire faculty which indicated that 62% felt health benefits needed to be improved, and the newly announced plan is actually cutting them. Malloy admitted the issue is difficult and complex; every business argues about the percentages to apply to each part of the total package. The trend today is for health care to take a disproportionate share of the overall benefits package, at a very high cost to the employer; this is precarious and out of control. Cost sharing with employees is a way to control costs, and is not out of line in this regard. Adequate coverage for all needs to be assured. An affordable package is the goal we all share, and the money has to come from somewhere.

Prof. Frank Bonello wanted to know why the report of the Benefits Task Force was not published as the other task force reports were. The president responded that it was more of an administrative review than an over-arching study, forced by restraints of time and finances.

The chair thanked the president for his time and asked for a motion to adjourn. Despres did so, Kerby seconded, and the motion passed by voice vote.

Members in attendance:

Anderson	Fairley	Olivera-Williams
Bell	Falkenberg	Parnell
Bender	Flint	Peterson
Biddick	Gad-el-Hak	Porter
Bonello	Goddu	Powell
Borelli	Kerby	Power
Brogan	Kolettis	Quinn
Collins	Krieger	Rai
Conway	Lombardo	Rigby
Della Neva	MacKenzie	Sporleder
Despres	Miller	Weaver
Dewhirst	Moran	
Etzel	Murphy	

Member(s) excused: Fallon Gorski

Members absent:

Bandyopadhyay
Bunker
Devron
Emery
Fessenden

Halloran
Harmatiuk
Hayes
Herro
Huang

Pien
Pilkinton
Pratt

Respectfully submitted,

Peter J. Lombardo, Jr.
Co-secretary

In accordance with standing senate policy, this Journal has been edited in mutual agreement with our guest speaker.

minutes of the university committee on libraries november 9, 1988

The meeting was called to order at 6:00 p.m. in the University Club by the chairman, Harvey Bender. Also in attendance were committee members JoAnn Della Neva, John Lucey, Robert Miller, James Robinson, and W. Robert Scheidt, and secretary Melodie Eiteljorge.

The minutes of the meeting of October 5 were approved as written.

The chairman, the director, and members of the committee welcomed JoAnn Della Neva, who has agreed to serve in Joseph Blenkinsopp's absence, at least through the fall semester.

The chairman, Harvey Bender, reported that he had read Bob Miller's Annual Report for the Libraries and thought it was generally good. He added, however, that he would like to look at it closer and discuss it in greater detail at a future meeting. The committee agreed, and the report will be an agenda item for the next meeting.

In presenting the director's report, Bob Miller told the committee that the fall session of the Library Advisory Council had been very positive. He also reported that there are three new members on the council: Fred Alpers of Chesterland, Ohio; Raymond Kennedy of Indianapolis, Indiana; and John O. Pastore, Jr., of Winchester, Massachusetts.

Bob Miller also advised the committee that the Libraries had completed a peer group study, comparing the University Libraries of Notre Dame to libraries of comparable institutions. Areas considered in the study included holdings, faculty salaries, total budget, etc. At the conclusion of the last of the development plan Notre Dame should surpass all the peer group institutions except Princeton.

The Library Administrative Committee spent two days in October at a retreat meeting. One of the major concerns identified by the committee was space problems, both in Hesburgh and the branches. They had suggested hiring an outside consultant to review space problems in the branches, public services, and technical services. Bob Miller noted that both the internal and external reviewers had referred to the space problems in their reports. He suggests that the University Committee on Libraries look at these general issues and prepare a charge for an external consultant.

Bob Miller next reported that the automation circulation pilot project in Life Sciences should begin in January. After six or seven weeks full implementation will begin. By spring the Libraries will need to address circulation policies under the NOTIS system. This will be a future agenda item for the U.C.L., and Sue Dietl will be asked to address the committee sometime in January.

The new faculty identification cards, which are barcoded, have been distributed. Unfortunately, they were sent to faculty offices rather than home addresses as requested.

Bob Miller next distributed a memorandum he had received from one of the librarians concerning a recent problem in recalling books. A letter will be drafted in reference to this problem to be discussed at the next meeting.

Following the director's report, the committee turned its attention to identifying agenda items for the year. Bob Miller asked for suggestions from each member.

Everyone concurred that, as noted earlier, space problems are a major concern. These problems exist in the branches and Hesburgh involving office space as well as overflow from the stacks.

Another concern is preservation. The Libraries now have a half-time preservation officer, but assistance is needed in this area. Utilizing volunteers may be a partial solution.

Journal budgets remain a concern and dividing funds between monographs and journals can be difficult.

The need for more bibliographers was noted.

Pursuant to the recent Graduate Council Review, James Robinson suggested that one position on the University Committee on Libraries should be held by a library faculty member. He agreed to draft a proposed amendment to the University of Notre Dame "Academic Articles" and present it to the committee at the next meeting.

A long-term item is to look at where the Libraries will be in the future and the best ways to prepare for advancements in automation, etc. The committee plans to address what advancements may be expected in the next 30 years or so, say by the year 2020. Anticipating changes could save money which might otherwise be wasted.

The final agenda item was an announcement by the director that his review is coming up. Two members of the teaching faculty, as well as three from the library faculty, will serve on the review committee.

There being no further business, the meeting adjourned at 8:00 p.m. The next meeting will be held on December 7 at 5:30 p.m. in the University Club.

Respectfully submitted,

Melodie Eiteljorge
Secretary to U.C.L.

advanced studies

current publications and other scholarly works

Current publications should be mailed to the
Division of Sponsored Programs,
Room 314, Administration Building

COLLEGE OF ARTS AND LETTERS

Anthropology

Despres, Leo A.

- L.A. Despres. 1988. Dependent Development and the Marginality Thesis: A Case Study from Manaus. Pages 293-310 in J.W. Bennett and J.R. Bowen, eds., Production and Autonomy: Anthropological Studies and Critiques of Development. Society for Economic Anthropology and University Press of America, New York, New York.

English

Bruns, Gerald L.

- G.L. Bruns. 1988. The Hermeneutics of Allegory and the History of Interpretation. Comparative Literature 40(4):384-395.
- G.L. Bruns. 1988. On the Tragedy of Hermeneutical Experience. Research in Phenomenology 18:191-201.
- Gernes, Sonia G.
- S.G. Gernes. 1988. Books for Christmas. America 159:382-383.

Government and International Studies

Dowty, Alan K.

- A.K. Dowty. 1988. The Use of Emergency Powers in Israel. Middle East Review 21(1):34-46.

History

Critchlow, Donald T.

- D.T. Critchlow. 1988. Review, American Automobile Workers, 1900-1933. By Joyce Shaw Peterson. Journal of American History 75(3):981-982.

D.T. Critchlow and E.W. Hawley. 1989. Editors. Poverty and Public Policy in Modern America. Dorsey/Wadsworth, Chicago, Illinois. v + 332 pp.

DeSantis, Vincent P.

- V.P. DeSantis. 1989. The Shaping of Modern America 1877-1920, 2nd Edition. Forum Press, Arlington Heights, Illinois. 331 pages.

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Jerez-Farran, Carlos

- C. Jerez-Farran. 1989. Pascual Duarte y la susceptibilidad viril. Hispanifila 95: 47-63.

Music

Stam, Carl L.

- C.L. Stam. 1988. Conductor. Notre Dame Glee Club. Annual Christmas Concert. University of Notre Dame, Notre Dame, Indiana.

Program of Liberal Studies

Nicgorski, Walter J.

- W.J. Nicgorski. 1989. The Morality of the Liberal Arts: An Aristotelian Perspective. Pages 149-167 in, J. Gueguen, M. Henry and J. Rhodes, eds., The Good Man in Society: Active Contemplation. University Press of America, Lanham, Maryland.

Theology

- Cunningham, Lawrence S.
L.S. Cunningham. 1988. Religious Book
Notes: His Story and History. Common-
weal 115:694-696.

COLLEGE OF SCIENCE

Chemistry

- Pasto, Daniel J.
D.J. Pasto. 1988. Radical Stabilization
Energies of Disubstituted Methyl Radi-
cals. A Detailed Theoretical Analysis of
the Captodative Effect. Journal of the
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Mathematics

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M. Beltrametti and A.J. Sommese. 1988. On
Normal Gorenstein Polarized Varieties of
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sity Mathematics Journal 37(3):667-686.
Stoll, Wilhelm F.
W.F. Stoll. 1988. An Extension of the
Theorem of Steinmetz-Nevanlinna to Holo-
morphic Curves. Mathematische Annalen
282:185-222.

COLLEGE OF ENGINEERING

Aerospace and Mechanical Engineering

- Yang, Kwang-tzu
H.Q. Yang, K.T. Yang and J.R. Lloyd. 1988.
Three-Dimensional Laminar Buoyant Flow in
a Horizontal Circular Cylinder with Dif-
ferentially Heated End Walls at High Ray-

leigh Numbers. Numerical Heat Transfer
14:429-446.

Electrical and Computer Engineering

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E.I. Jury and P.H. Bauer. 1988. On the
stability of 2-D continuous systems. IEEE
Transactions on Circuits and Systems
35(12):1487-1500.

COLLEGE OF BUSINESS ADMINISTRATION

Marketing Management

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J.F. Gaski. 1988. Distribution Channels:
A Validation Study. International Jour-
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JACQUES MARITAIN CENTER

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summary of awards received and proposals submitted

IN THE PERIOD DECEMBER 1, 1988 THROUGH DECEMBER 31, 1988

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	4	389,987	1	63,409	5	453,396
Facilities and Equipment	0	0	0	0	0	0
Instructional Programs	0	0	0	0	0	0
Service Programs	0	0	6	12,296	6	12,296
Other Programs	0	0	0	0	0	0
Total	4	389,987	7	75,705	11	465,692

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	8	1,064,014	11	928,306	19	1,992,320
Facilities and Equipment	0	0	7	528,976	7	528,976
Instructional Programs	0	0	2	3,182,353	2	3,182,353
Service Programs	0	0	0	0	0	0
Other Programs	0	0	1	13,676	1	13,676
Total	8	1,064,014	21	4,653,311	29	5,717,325

awards received

IN THE PERIOD DECEMBER 1, 1988 THROUGH DECEMBER 31, 1988

Department or Office	Principal	Short Title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Chemistry	Castellino	Blood Coagulation Protein-Metal Ion-Lipid Interactions	Natl. Inst. Health	169,783 12
Chemistry	Helquist	Chemically Useful Antibiotics of the Streptogramin Family	Upjohn Co.	10,000 12
Chemistry	Helquist	New Organometallic Annulation Procedures	Natl. Sci. Fdn.	56,767 12
Chemistry	Basu	Glycolipid Metabolism in Normal and Pathological Tissues	Natl. Inst. Health	153,437 12
Elect. Comp. Eng.	Huang	Information-Intelligent Recursive Estimation	Natl. Sci. Fdn.	63,409 12
AWARDS FOR SERVICE PROGRAMS				
Cent. Social Concerns	McNeill	Center for Social Concerns	Various Others	4,607 1
ND Cent. Past. Liturgy	Bernstein	Notre Dame Center for Pastoral Liturgy - Publications	Various Others	602 1
ND Cent. Past. Liturgy	Bernstein	Notre Dame Center for Pastoral Liturgy	Various Others	1,960 1
Cent. Cont. Form. Min.	Pelton	Notre Dame Center for Continu- ing Formation in Ministry	Various Others	4,378 1

Inst. Past. Soc. Min.	Pelton	IPSM Media Ministry	Various Others	144 1
Inst. Past. Soc. Min.	Pelton	IPSM Parish Study - Phase III	Various Others	605 1

proposals submitted

IN THE PERIOD NOVEMBER 1, 1988 THROUGH NOVEMBER 30, 1988

Department or Office	Principal	Short Title	Sponsor	Dollars Months
PROPOSALS FOR RESEARCH				
Aerospace Mech. Eng.	Sen	Nucleate Boiling from Multiple Sites	Natl. Sci. Fdn.	173,371 36
Aerospace Mech. Eng.	Atassi	Nonuniform Flows and Noise Radiation of Turboprops	NASA - Lewis Research Ctr.	55,936 12
Art, Art Hist. Design	Pyne	Transcendence & Impressionism in Late 19th C. Amer. Painting	J.P. Getty Trust	39,506 9
Art, Art Hist. Design	Adcock	An Historical Analysis of the Light & Space Movement	Indiana Human- ities Council	4,000 3
Biological Sciences	Martin	Stem Cell Differentiation	Natl. Sci. Fdn.	5,944 12
Biological Sciences	Grimstad	Arbovirus Surveillance Laboratory Service	Ind. St. Bd. Health	27,943 12
Biological Sciences	Lodge	Predation, Herbivory, and Disturbance	Natl. Sci. Fdn.	199,681 36
Chemical Eng.	McCready, Leighton	Video Imaging Equipment for Multiphase Flows	Natl. Sci. Fdn.	89,000 12
Chemistry	Hayes	Dynamics Upon Core Excitation	Natl. Sci. Fdn.	373,871 36
Economics	Craypo	Joint Project Machine Tool Industry	Columbia Univ.	7,262 21
Elect. Comp. Eng.	Berry	Thin Film Modules Studies	Solar Energy Research Inst.	30,832 12
English	Jemielity	Satire and the Hebrew Prophets	Stanford Univ.	49,088 9
Mathematics	Sommese	Transcendental Algebraic Geometry	Natl. Sci. Fdn.	40,643 12
Mathematics	Smyth, Xavier	Complete Surfaces in Three- Space	Natl. Sci. Fdn.	57,187 12
Physics	Johnson, Sapirstein	Weak Interactions in Heavy Atoms	Natl. Sci. Fdn.	418,796 36
Physics	Marshalek	Theoretical Studies of Nuclear Structure	Natl. Sci. Fdn.	263,828 36
Physics	Dow	Large Band-Gap Semiconductors	Research Tri- angle Inst.	110,970 24
Theology	Ford	A Translation of the Enchiri- dion on the the Apocalypse	Amer. Council Learned Soc.	44,462 12
Advanced Stud.	Gordon	Biomedical Research Support Grant 1989-90	Natl. Inst. Health	0* 12

PROPOSALS FOR FACILITIES AND EQUIPMENT

Aerospace Mech. Eng.	Dunn	Phase Doppler Particle Analyzer System	Natl. Sci. Fdn.	96,525 12
Aerospace Mech. Eng.	Gad-el-Hak	Water Tunnel's Instrumentation	Natl. Sci. Fdn.	99,700 12
Aerospace Mech. Eng.	Stanisic	Constructing a Double Pointing System Wrist	Natl. Sci. Fdn.	14,510 12
Cent. Applied Mathematics	Atassi, Chang, Wong, Shaw, Yang	Mathematical Research Equipment	Natl. Sci. Fdn.	99,916 12
Chemical Eng.	Varma, Miller	Thermogravimetric Electro- balance System	Natl. Sci. Fdn.	49,200 12
Elect. Comp. Eng.	Bandyopadhyay, Bernstein	Experimental Study of Nanometer Lateral Quantum Devices	Natl. Sci. Fdn.	105,475 12
Materials Sci. Eng.	Pelton	TEM Sample Preparation Equip- ment	Natl. Sci. Fdn.	63,650 12

PROPOSALS FOR INSTRUCTIONAL PROGRAMS

Cent. Educ. Oppor.	Smith, Blake	Upward Bound	Dept. Education	370,647 12
College Science	Freeman, Borelli, Castellino	Life Sciences Interdisciplinary Project	H. Hughes Medical Inst.	2,811,706 60

PROPOSALS FOR OTHER PROGRAMS

Cent. Social Concerns	Affleck, McNeill	Values in Film	Indiana Human- ities Council	13,676 6
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*Dollar amount to be determined by sponsor.

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