



Notre Dame

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1989-90

The University

Kolman Appointed Dean of Freshman Year

Eileen Kolman, associate provost, will become dean of the Freshman Year, effective August 1. She joined the Notre Dame administration a year ago, and her responsibilities have included women's concerns, academic affirmative action, faculty grievances and appeals, ROTC and policies on the handicapped. She succeeds the retiring Emil T. Hofman, professor emeritus of chemistry and dean of the Freshman Year since 1971.

The recipient of a Ph.D. in higher education from Loyola University, Chicago, in 1987, Kolman was associate dean and coordinator of institutional planning at Mount St. Joseph in Cincinnati for three years prior to coming to Notre Dame. Previously she held positions in institutional planning at Elmhurst College and in the graduate school at Loyola and also was dean of students at St. Xavier College, Chicago, and at Albertus Magnus College, New Haven. Her undergraduate degree from Ohio Dominican College in Columbus was in mathematics, and she earned an M.Ed. from Boston College.

The Freshman Year was inaugurated in 1962 to give all entering students a common year of educational experience before choosing a major in one of four undergraduate colleges. It is commonly cited as one of the major reasons Notre Dame's retention rate is among the highest in the nation.

Faculty Salaries Reported

Faculty salaries at the University for the current academic year continue to be in the top 20th percentile among the nation's doctoral institutions, according to figures compiled annually by the American Association of University Professors.

Notre Dame reported the average 1989-90 full professor salary as \$69,100; associate professor, \$47,000; and assistant professor, \$40,800. This is the sixth year in a row that Notre Dame salaries have been in the top 20th percentile.

The William A. Toohey, C.S.C., Award to be Given Annually

A special award was established in 1980 to honor the memory of William A. Toohey, C.S.C. Father Toohey was director for campus ministry at the time of his death. He was well known for his dedication to the social justice dimension of the gospel. This was exhibited in his preaching and writing, as well as in the personal values of his life. Beginning in May 1991, The William A. Toohey, C.S.C., Award will be conferred annually on a member of the Notre Dame community whose preaching, writing or example emphasizes the social justice dimension of the gospel in an exemplary way.

The man or woman selected each year for this award will receive a stipend of \$1,000.00.

A five-person ad hoc nomination committee will be appointed each year by the director of campus ministry to prepare a slate of three nominees by March 15. The committee will include among its membership the rector of Sacred Heart Church, one staff member from campus ministry and one from the Center for Social Concerns, one member of the faculty and one student.

The final selection will be made by a standing committee composed of the vice president for Student Affairs, the director of Campus Ministry and the director of the Center for Social Concerns.

Kinkopf Named Alumni Association Distinguished Student

David Kinkopf, a senior from Lakewood, Ohio, has been named the 1990 Notre Dame Alumni Association Distinguished Student. Kinkopf, who carries a double major in biological sciences and theology, was chosen from 53 nominees. He was a key leader in the creation of an organization now known as the National Association of Students at Catholic Colleges and Universities.

As a freshman Kinkopf served on a University committee charged with developing an institutional policy to handle students found violating the drinking and driving statutes and regulations. He was sophomore class president, spent a semester of his junior year in the London program and returned to campus this year as student body vice president. He entered the University as a Notre Dame Scholar and has been a dean's list student for all seven semesters. Kinkopf has been accepted into Harvard Law School and plans to begin his studies there in the fall of 1991.

Faculty Notes

Honors

Karl Ameriks, professor of philosophy, was named acting president of the North American Kant Society for 1990-1991.

Panagiotis J. Antsaklis, professor of electrical and computer engineering, was the guest editor for the special issue on "Neural Networks in Control Systems" in the *IEEE Control Systems Magazine*, April 1990.

Thomas P. Bergin, director of Continuing Education and professor of management, has accepted a three-year reappointment on the board of the Indiana Endowment for the Arts. The endowment is a private organization devoted to supporting the arts and cultural activities throughout the state of Indiana.

Rev. David Burrell, C.S.C., Hesburgh professor of arts and letters and professor of philosophy and theology, was named a member of the advisory council of the Center of Theological Inquiry at Princeton, N.J., April 28.

Francis J. Castellino, dean of science and Kleiderer/Pezold professor of biochemistry, was appointed to the Parent Review Committee for Specialized Centers of Thrombosis, National Heart, Lung and Blood Institute, National Institutes of Health; the Hematology Study Section, National Institutes of Health; and President's Council at the University of Scranton, Pa. He is chairman of the Special Program Review Committee for the National Cancer Institute, National Institutes of Health.

Rev. Andrew Christiansen, S.J., associate professor of theology, was named Bannan Scholar for Santa Clara University, 1990-91.

Alfred J. Freddoso, professor of philosophy, was appointed associate editor of *Faith and Philosophy*, the journal of the Society of Christian Philosophers.

Edward A. Kline, professor of English and O'Malley director of the Freshman Writing Program, was selected as a regional judge for the National Council of Teachers of English Achievement Awards in Writing, April 1990.

David C. Leege, professor of government and international studies and director of the Hesburgh Program in Public Service, served as program co-chair for the Midwest Political Science Association annual convention held in Chicago, Ill., April 5-7. He has also been named to the 1990 Study Committee of the National Elections Studies.

David M. Lodge, assistant professor of biological sciences, has been invited to become an associate editor of the *Journal of the North American Benthological Society* for a three-year term beginning in June 1990.

Paul J. McGinn, assistant professor of materials science and engineering, had a photomicrograph from his work "Observation of Attractive Forces in Zone Melted $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ " selected for the cover of the March 1990 issue of the journal *Materials Letters*.

Jean A. Pec, associate librarian, was appointed chair of the Education Committee of the Serials Section, Association for Library Collections and Technical Services.

Morris Pollard, Coleman director of the Lobund Laboratory and professor emeritus of biological sciences, received the Academic Scientific Achievement Award "In Recognition for Outstanding Research and Dedicated Service to the Field of Microbiology" sponsored by the Indiana Branch, American Society for Microbiology at the Eli Lilly Conference Center in Indianapolis, Ind., April 21.

Kathleen A. Pyne, assistant professor of art, art history and design, has been awarded a postdoctoral fellowship by the Smithsonian Institution and will be conducting research and rewriting her dissertation for publication as a book at the Freer Gallery of Art and the National Museum of American Art in Washington, D.C. Her research concerns the impact of intellectual and social history on late 19th-century American painting.

Philip L. Quinn, O'Brien professor of philosophy, was appointed editor of *Faith and Philosophy*, journal of the Society of Christian Philosophers.

David L. Schindler, associate professor in the Program of Liberal Studies, has received an Earhart Foundation Fellowship Research Grant and a Wilbur Foundation Research Grant for work on a book on rationality and the project of a public theology.

Vesna de Serrano, associate faculty fellow in chemistry and biochemistry, was appointed to the Scientific Review Committee of the American Heart Association, Indiana Affiliate.

Lo Yang, visiting professor of mathematics, was invited to nominate the candidates for the 1991 (Seventh) Japan Prize. The Science and Technology Foundation of Japan is asking eminent scientists throughout the world to propose candidates for the 1991 Japan Prize in "Applied Mathematics" and "Imaging Techniques in Medicine" (award in each field is 50 million Japanese yen).

Faculty Notes

Activities

Karl Americks, professor of philosophy, presented the lecture "Kant on Spontaneity: Some New Data" at the seventh international Kant Congress in Mainz, West Germany, March 29.

William B. Berry, professor of electrical and computer engineering, presented a paper titled "Post Initial Light Induced Degradation Stability and Performance of Amorphous Silicon Modules" co-authored by M.J. Hahn of Notre Dame and L. Mrig of the Solar Energy Research Institute at the Materials Research Conference in San Francisco, Calif., April 17.

Joan F. Brennecke, assistant professor of chemical engineering, presented a paper titled "Solute/Entrainer Interactions in Supercritical Fluids from Fluorescence Spectroscopy" co-authored with C.A. Eckert at the spring national meeting of the American Institute of Chemical Engineers in Orlando, Fla., March 18-22.

John Chateaufneuf, research associate in the Radiation Laboratory, gave the paper "Direct Measurement of the Absolute Kinetics of Chlorine Atoms in CCl_4 " at the 199th ACS national meeting held in Boston, Mass., April 23-27.

Rev. Andrew Christiansen, S.J., associate professor of theology, lectured on "Experience and Virtue: Christian Moral Development in the Ignatian Tradition" at Marquette University in Milwaukee, Wis., March 26. He served as faculty consultant at the fifth annual Medical Ethics Conference at the University of Notre Dame, Notre Dame, Ind., March 30-April 1. He co-hosted the conference "Ethical Dilemmas in the Changing Use of Force in International Affairs" at the Institute for International Peace Studies at the University of Notre Dame, Notre Dame, Ind., April 4-6. He was the discussion leader for "What Works for You?" Dilemmas in Teaching Ethical Principles in a World of Changing Violence" at that conference, April 5.

Daniel J. Costello, chairman and professor of electrical and computer engineering, served as a member of the review panel for Research Initiation Proposals in the Networking and Communications Research Program of the National Science Foundation in Washington, D.C., April 12-13.

James T. Cushing, professor of physics, delivered a joint physics/philosophy colloquium "The Copenhagen vs. the Casual Interpretation of Quantum Mechanics: Incommensurable Ontologies?" at the Central Michigan University in Mount Pleasant, Mich., April 12.

Jay P. Dolan, professor of history and director of the Cushwa Center, chaired a session on "New Directions in American Catholic History" at the annual meeting of the Organization of American Historians in Washington, D.C., March 24.

Michael J. Francis, professor of government and international studies, presented a paper "Latin America: New Developments Suggest New Policies" at the annual meeting of the International Studies Association in Washington, D.C., April 11-14.

Alfred J. Freddoso, professor of philosophy, delivered a paper titled "God's General Concurrence with Secondary Causes: Why Conservation is not Enough" to the Society of Medieval and Renaissance Philosophy in Toronto, Canada, March 30.

Gregory I. Gellene, assistant professor of chemistry and biochemistry, presented a seminar titled "Vibrational Bonding in the D_3O Radical: A Dynamical Explanation for the Experimentally Observed μs Lifetime" at the ACS meeting in Boston, Mass., April 24.

Denis Goulet, O'Neill professor of Education for Justice, Department of Economics, and in the Kellogg Institute, lectured on the topic "The U.S. Economy in 1990: Is It Healthy?" to the Institute of Economics in Bialystok, Poland, March 28. An interview with Goulet, conducted by Michael Gismondi, assistant professor of sociology at Athabasca University, Alberta, titled "A New Ethics of Development" appeared in *Aurora*, the magazine of Athabasca University, Winter 1990, Volume 13, Number 3, pages 65-69.

John D. Halfman, assistant professor of earth sciences, presented "Cycle Sedimentation in Lake Turkana, Kenya" at the SEPRO Sponsors Meeting at the Duke University Marine Laboratory in Beaufort, N.C., April 17-18.

Carlos Jerez-Farrán, assistant professor of romance languages and literatures, presented "Una transposición pictórica de Edward Munch en *Fiesta al noroeste de Matute*" at the North Eastern Modern Languages Association meeting in Toronto, Canada, April 7. He presented "La falacia de la intención autoral en Arrabal" at the Asociación de Licenciados y Doctores Españoles en los Estados Unidos in San Juan, Puerto Rico, April 19.

Faculty Notes

Edward A. Kline, professor of English and O'Malley director of the Freshman Writing Program, was the host for the annual spring seminar of the Indiana Teachers of Writing: "Writing to, of, and about Literature" at the Center for Continuing Education at Notre Dame, Ind., April 20-21.

David C. Leege, professor of government and international studies and director of the Hesburgh Program in Public Service, delivered a paper co-authored with Lyman Kellstedt of Wheaton College and Kenneth Wald of the University of Florida titled "Religion and Politics: A Report on Measures of Religiosity in the 1989 NES Pilot Study" to the annual convention of the Midwest Political Science Association in Chicago, Ill., April 7. He presented an earlier version of the paper to the National Election Studies Board of Overseers meeting in Phoenix, Ariz., March 1-2.

Keith P. Madden, associate professional specialist in the Radiation Laboratory, presented the paper "Time Resolved ESR Studies of Carbohydrate Radical Spin Trapping by 2-methyl-2-Nitrosopropane: Hydroxyalkyl Radical Trapping Kinetics" at the 199th ACS national meeting in Boston, Mass., April 23-27.

Scott Mainwaring, assistant faculty fellow in the Kellogg Institute and associate professor of government and international studies, was a commentator on the panel on "The Church, Values and the Right" at the conference on "The Right and Democracy in Latin America" at Columbia University, New York, N.Y., April 20-21.

Richard P. McBrien, chairman and Crowley-O'Brien-Walter professor of theology, presented "Ministry for the Third Millennium" as the Biever Guest Lecture at Loyola University in New Orleans, La., April 4. He gave the talk "The Church of Good Friday - The Church of Easter: A Reflection of the Contemporary Church" to the directors and coordinators of Religious Education in the Archdiocese of St. Paul and Minneapolis in St. Paul, Minn., April 9. He lectured on "The Catholic Church and American Political Life" to a group of church leaders from countries throughout the world sponsored by the United States Information Agency and the University of Mississippi and arranged by the Cushwa Center at the University of Notre Dame, Notre Dame, Ind., April 11. He presented "Free Speech and Religious Faith: Are They Opposed?" at the Forever Learning Institute in South Bend, Ind., April 18.

Paul J. McGinn, assistant professor of materials science and engineering, presented a talk titled "Texture Processing of Silver Doped $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ by Zone Melting" at the Materials Research Society spring meeting in San Francisco, Calif., April 19. He co-authored the papers "Attractive Forces in Zone Melted $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ " and "Zone

Melting of Silver Doped $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ " presented by his graduate students at the annual meeting of the American Ceramic Society in Dallas, Tex., April 26.

Edward J. Murphy, Matthews professor of law, delivered the Goodrich Lecture "Contract as a Principle of Legal Order" at Wabash College in Crawfordsville, Ind., March 20.

Mark C. Pilkinton, professor of communication and theatre, was an invited participant in a conference on "New Issues in the Reconstruction of Shakespeare's Theatre" at the University of Georgia in Athens, Ga., Feb. 16-18.

Rev. Timothy R. Scully, C.S.C., assistant professor of government and international studies, presented "Re-thinking the Center: The Case of Chile" at the 48th annual meeting of the Midwest Political Science Association held at the Palmer House in Chicago, Ill., April 5-7.

Thomas L. Shaffer, Short professor of law, spoke on "Ethics Education" at the conference on "Preventing Corporate Lawbreaking" at New York University in New York, N.Y., April 21.

Ajit Singh, Scholl professor of economics, was invited to participate in a high level seminar organized jointly by the U.N. University (World Institute of Development Economics, Helsinki) and the Bangladesh Institute of Development Studies at Dhaka, Jan. 11-14. The purpose of the seminar was to exchange views with senior members of the Research Departments of the World Bank and the IMF on their alternative intellectual approaches to the problems of structural adjustment in the Third World. He represented the U.N. University at the seminar and made a presentation on "The Prospective State of the World Economy and Structural Adjustment in the Developing Countries: Analytical and Policy Issues." He participated in an international Expert Group Meeting on the Role of the Public Sector in Economic Development organized by the United Nations Conference on Trade and Development in Geneva, Feb. 15-16. The purpose of the meeting was to advise the conference on future research in this area. He presented the paper "The Third World Metropolis: Employment and Poverty in Large Cities in the Developing Countries" at the workshop on Urbanization, Migration and the Mega-cities at the National Academy of Sciences in Washington, D.C., March 8-9.

Lo Yang, visiting professor of mathematics, presented an invited seminar lecture titled "Total Deficiency of Mero-morphic Functions and their Derivatives" to the Department of Mathematics at the University of Illinois in Urbana-Champaign, Ill., April 5.

The Faculty Senate Journal

February 12, 1990

The Chair Prof. Paul Conway called the Faculty Senate to order at 7:32 p.m. in Room 202 of the Center for Continuing Education, and asked the Secretary Peter J. Lombardo, Jr., to offer an opening prayer. Following this, a representative from Student Government spoke to the senate on the new SAFEWALK program, the just-instituted escort service. Information on the service is available at 283-BLUE.

Report of the Chair

As a result of a proposal at its last meeting, the senate conducted a faculty vote to determine its representatives on the new University Committee on the Status of Women. The faculty representatives elected are: Pamela Falkenburg, Teresa Ghilarducci, Carol Mooney and Margaret Porter. The president of the University will announce his choices soon, as well as the date and time of an organizational meeting. At its next meeting the Academic Council will consider two senate proposals, one on grievance procedure and the other on the extension of the tenure clock for "primary caregivers." The senate Executive Committee will be contacting senators who have been absent from a number of meetings to remind them of their responsibility to attend, at the least, one meeting per semester. It is also asking each committee to be sure that all of its reports and letters are copied to the chair and other members of the executive committee; in fact any general faculty mailings should be authorized by the executive committee. The chair announced that Phillip Johnson, assistant director of security, will address the senate in March. Finally, Conway has written to Prof. Flynn of Alfred University, who is heading up a movement to organize university faculty senates, for further information on this network.

Standing Committee Reports

1) **Academic Affairs:** Chair Robert Hayes reported that his group is still working on the problems of coordination between curriculum development and library collection development; they have a questionnaire ready to send to those responsible for curriculum to see where and how curriculum development intersects with the library, especially on funding new collections. The committee may have recommendations after evaluating the returns on that questionnaire. The committee is seeking data on making the tenure process more open; anyone with information on this at peer institutions should give it to the committee.

2) **Administration:** Chair Frank Connolly reported that the committee will provide new faculty with a packet of information on some day-to-day items that would be helpful to newcomers to our community. Prof. John Bentley has composed a letter to Human Resources asking for their cooperation in this to help new faculty and post-doctoral members. The senate concurred in this idea, and various members offered suggestions on some of the material to be included. The committee is also attempting to update its information on governance policies at our peer institutions.

3) **Benefits:** Chair Frank Bonello reported that the senate's proposal on parental leave is still being considered by a sub-committee of the Budget Priorities Committee; also our TIAA/CREF resolution is still there. The committee is working on a major report on compensation, the first in several years, with perhaps a break-down of the information by college; data and suggestions are welcome.

4) **Student Affairs:** Chair Clark Power reported that the committee is still working on its athletics/academics report. Prof. Stephen Fallon has studied the Faculty Board in Control of Athletics and has found that its make-up does not adhere strictly to the Academic Articles guidelines. The problem of confidentiality at times clouds the important work of the FBCA, and it might be wise to review that issue. A recent article in *The Chronicle of Higher Education* (January 31, 1990) on the University of North Carolina may be helpful in studying our own situation. The committee has reviewed a recent Student Senate resolution on class size, an issue which the Arts and Letters College is also looking at. This is something that needs review.

Ad hoc Committee Reports

1) **Women—Co-Chair Kathy Biddick** reported that the University would be establishing a Committee on the Status of Women, chaired by Associate Provost Eileen Kolman, composed of elected and appointed faculty and students. Also the president has announced that 1990-91 will be the Year of the Woman. The senate has elected the faculty representatives to the new group (see Report of the Chair, above). It will not include staff, as the senate had proposed, but the agenda for the committee may touch upon staff problems. Other remarks included:

1. A concern was raised about the weight of these added responsibilities on Associate Provost Kolman, since there was no change in her title or her other responsibilities.
2. The Trustees may ask this new committee for a progress report in May.
3. To whom does the committee report?
4. What of the vast agenda suggested are the three most pressing issues?

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Power was disappointed that the new committee will not include staff; a majority of serious issues to be addressed, especially in regard to pay, involve women staff. Perhaps some professors are part of the problem too. He suggested to the committee that it sponsor a "brown bag" lunch to listen to their concerns. Biddick supported that idea, as did Falkenburg if the senate sponsored it. Power moved that the senate sponsor this type of brown-bag program to inform and report to the women staff on the progress of its work in this area and explore points of common concern. Prof. Mario Borelli seconded. Weaver asked if the senate was the proper group to explore the issue of staff concerns; she thought it would be better to let the new committee organize itself and then contact the committee with this idea. Biddick was concerned about undermining the new committee before it got started. Prof. James McCarthy thought the issue of women staff was far too complex for the senate to get into. Prof. Charles Parnell noted that the motion was sexist in that it was aimed only at the concerns of women staff; Weaver responded that this was related to the "status of women" committee. Prof. Morton Fuchs thought that secretaries, for instance, might be wary of such a meeting if there were in attendance faculty members with whom they might have had differences. Power, considering the points raised, withdrew his motion and thought perhaps other avenues might be available to achieve the same results. Borelli wanted to make one final point: The welfare of the female staff is an issue of concern to the faculty, if only on the issue of excessive turnover; we, as the Faculty Senate, do have the authority to explore this issue. The chair thanked the ad hoc committee for its excellent work, and dissolved it in favor of the new University-wide group. He pointed out that the feeling of the senate is that the concerns of women staff must be addressed.

2) Governance—Chair Mohamed Gad-el-Hak asked for permission to send the results of the faculty survey on governance to the entire faculty with a short cover letter. Prof. Ronald Wasowski asked if the senate would see the results first before sending it to the rest of the faculty. Gad-el-Hak replied affirmatively and said that original issuance of the results had been revised to be more objective and less interpretative. The senate will get copies and be asked to respond by phone; if after a short time there are no serious objections, copies will be sent to the faculty.

Next, Gad-el-Hak reported on a meeting with the elected members of the Academic Council; it was productive in its exchange of views, and they were informed of the committee's work especially in regard to the survey. To follow up on that meeting, he said it seemed appropriate to leave the future work of revising governance structures to a new, elected committee, which might be made up of

several different models. He distributed a suggestion for one of these which the senate might consider; it was not meant for a vote, only for discussion.

Weaver asked if the Academic Council would be asked to form such a committee. Gad-el-Hak responded that was another way of doing it but that his suggested way would not follow that route. Wasowski, in discussing the committee's rationale, disputed the idea that Notre Dame or its Board of Trustees was "secular" or even "laicized." He also disagreed that "representative elected faculty" would be responsible for the administration of the University. Gad-el-Hak agreed to revise his wording on these points. Connolly asked if the rationale had been approved by the governance committee. Gad-el-Hak responded that it was not a governance committee document, but rather a draft prepared for that committee and the senate by a subcommittee (Gad-el-Hak, Borelli and Prof. John Yoder). Conway pointed out that, although his name appeared on a draft of a cover letter, he had not seen it; he neither supported nor disapproved of the letter.

Wasowski asked what does the committee have in mind for the senate to do? Prof. Panos Antsaklis wondered what the senate members wanted the committee to do? McCarthy said it should abandon the current task; there was no need to give the administration a 12-year vacation. Wasowski would prefer to have the committee recommend action to the senate. Gad-el-Hak replied that the committee's idea of its role was to suggest ways to increase the faculty's participation in University governance; a new "task force" should continue to look into this, and the survey results indicate that the faculty feels its role should be expanded. Borelli agreed that elected faculty should be more formally involved in basic governance discussions but should not be responsible for administration. Fuchs believed that a new task force should investigate ways to increase faculty participation but not to implement them. Wasowski asked if the 12-1/2 percent administration membership in the proposed model would hold for a later administrative structure. Gad-el-Hak said no such thing should be implied.

Prof. Michael Costigan wondered how a "charge" would differ from a "mandate"; he suggested striking mandate, to which Gad-el-Hak readily agreed. Borelli, replying to Wasowski, differentiated between the task force and a future University administration set-up. Parnell thought the task force had no mandate to "restructure" the University, but rather should only report on possible ways the University might be restructured.

Gad-el-Hak asked if the senate had any other models for the task force, combining (for example) elected and appointed members? Wasowski thought any task force should be elected, not appointed, to take into account

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what he sees as a faculty distrust of appointed bodies. Gad-el-Hak wanted to know if that idea was applicable to the whole faculty. The sense of the senate seemed to be that elected bodies were preferable. Conway thought the survey confirmed that, but the meaning was not always clear. The purpose of any discussion was to flesh out meaning from faculty feelings. McCarthy pointed out that the committee has every right to make a report, the contents of which members may disagree on.

Prof. Stephen Fallon asked about the voting procedures for Gad-el-Hak's model. He replied that some would be elected, and some would be appointed by the provost. Borelli added that it would be difficult to satisfy all the constituency groups. Wasowski thought the committee of 32 was too big, but Borelli wanted the people to do the work that would be required. Gad-el-Hak knew it was a complicated voting procedure ("Byzantine" according to Fallon and Borelli); was there a way to do it simply?

Connolly asked if the chair would express his views on the issue at this time, since his perspective would help the senate to formulate its opinion. The chair wanted to hear more from the senate about the members' views, and at some point he would express his own ideas. McCarthy wanted a simple procedure, with enough people to do the work; the proposed model seems appropriate. Parnell wondered where the emeriti faculty would fit in the model; would they "serve but not vote?" Gad-el-Hak responded that the model needs clarification. Borelli said that some points do need clarifying, especially on election procedures for the Law School and Special Professional Faculties. Prof. Sandra Harmatiuk agreed, and explained the procedures for SPF voting.

Biddick introduced the topic of administration cooperation and their role in this very complicated election setup. Conway, knowing that administration cooperation was central to the plan's success, hoped that they would see benefit in mutual cooperation; they should be kept informed each step of the way. Gad-el-Hak proposed that the senate had the option—only an option—of moving ahead with the proposal without the administration's cooperation, but he emphasized he was not inclined to do so. Biddick believed that a lot of work for naught would go into the process without the administration's support; debate on models of elections should not take place without some sign of this, that they would agree to a review of the governance question. Gad-el-Hak reported that the provost had advised the ad hoc committee earlier to come up with suggestions for his consideration. Wasowski asked if the new task force would be a senate committee of some kind or a University committee; if the latter, do we have the authority to set up such a body?

Connolly, unhappy with the tenor of the governance question over the course of the past year, reviewed the events which have transpired since May 1989. Although not originally a member of the ad hoc committee, he early on saw some aspects of their work as unduly confrontational, lacking in collegiality and ultimately self-defeating. The Labor Day report to the faculty contained what he saw as serious misstatements and misleading or selective quotations. Meaningful change in governance structures will come only as a result of mutual cooperation between the faculty and administration. One step that has not been taken has been a full airing of the question and the ad hoc committee's procedures within the senate, especially in regard to the survey results. Connolly, first resigned from the ad hoc committee, and second, proposed that the senate Executive Committee take back the governance question from the ad hoc committee and continue its work in a more open and collegial manner, especially by direct contact with other organized bodies on campus (Academic Council, College Councils, Graduate Council) and members of the administration. Borelli supported the motion by seconding it and also spoke of the ad hoc committee's inability to reach out to other bodies for support.

A discussion ensued in which it was suggested that the ad hoc committee submit as its final report the results of the survey and suggest that the senate or its executive committee continue to study the question; the chair would then dissolve the ad hoc committee. Power, supporting the motion but not criticizing the work of the ad hoc committee, thought the question was important and should continue to be studied; the committee's moderate course of conducting a survey was correct, but now it would be sensible for the Executive Committee to pursue the topic and work with others on this question. The Executive Committee should have some leeway to conduct affairs. McCarthy suggested that the ad hoc committee has not yet presented its report and that should be done quickly. Conway, in putting the issue into some perspective, asked if it was not the case that the whole issue boils down to one of pace; everyone wants something done, but the question is how quickly or how slowly should we move on it. Eventually the Academic Council has to take up the issue; should they not be involved at the start? The faculty says it wants to have a meaningful part in governance, and that needs to be determined in practice. The ad hoc committee's work has shown that, and it needs to be fleshed out.

Prof. Peter Moody returned to the election apparatus and a new committee or task force. The survey has shown displeasure, and the way to correct that has to be found. Biddick thought the task force suggested is not needed as yet; perhaps some kind of intermediate study group is still

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needed. Conway proposed the model we used for the committee on women to work out details on the issue; the Executive Committee should not be doing that. Weaver spoke against the motion; the Executive Committee is not the proper body to write a mature report, but instead either the present ad hoc committee should continue or another one be put in place to study the question further. Wasowski favored the motion; good work has been done, but there is some dissatisfaction with the ad hoc committee. The survey was important and worthwhile, but the September letter, the survey interpretation and the cumbersome mechanism for a task force lead him to favor returning the issue to the Executive Committee.

The vote on the motion:

Yes	10
No	7
Abstention	4

The chair will take into account the negative vote, and the Executive Committee will consider the issue of governance. The chair commended the ad hoc committee for its excellent work on the question of University governance; it has taken the issue, studied it and brought it to prominence. McCarthy moved to approve and recognize the valuable work the ad hoc committee did to further the understanding of the subject. Weaver seconded and the senate concurred without dissent.

The senate adjourned at 9:40 p.m.

Respectfully submitted,

Peter J. Lombardo, Jr.
Secretary

Members Present:

Antsaklis, Attridge, Biddick, Bonello, Borelli, Connolly, Conway, Costigan, Esch, Falkenberg, Fallon, Fuchs, Gad-el-Hak, Halloran, Hanson, Harmatiuk, Hayes, Johnson, P.G., Keating, Krieger, Lombardo, McCarthy, Moody, Parnell, Pilkinton, Powell, Power, Sheehan, Wasowski, Weaver

Members Absent:

Anderson, Bandyopadhyay, Bell, Bender, Bentley, Bunker, Collins, Goddu, Herro, Jerez-Farran, Johnson, C.L., Lapsley, MacKenzie, Miller, Porter, Rai, Rigby, Sporleder

Members Excused:

Blenkinsopp, Despres, Pratt, Quinn

The Faculty Senate Journal March 7, 1990

The Faculty Senate met on March 7, 1990, in Room 202 of the Center for Continuing Education at 7:32 p.m. under Chair Paul Conway. Dr. Sandra Harmatiuk offered the opening prayer.

Chair's Report

- a) The senate had two proposals before the last meeting of the Academic Council. The first to amend article three of the Academic Articles on the grievance procedure was passed with one deletion. The senate had proposed that any of those involved with the process at any early stage would absent themselves from considering and/or voting upon the decision at a later stage, but this was not accepted by the council. The other, on stopping the tenure clock for the primary caregiver, was tabled for further legal study; it will be reconsidered and very likely will pass at the next meeting.
- b) The Executive Committee has begun to work on the governance question, and has decided to seek a meeting with University officers on this, using the model of the Committee on Women last year. The senate will stress cooperation on the question, but will want to see a University committee to study it. The committee has drawn up a "list of concerns" on governance to present to the officers; we would also indicate our view of the charge to the new committee and its composition. Also the Executive Committee will recontact the elected members of the Academic Council, along with notifying the entire faculty of the results of the survey (with a return form asking for volunteers to continue the work).

Standing Committee Reports

- a) Academic Affairs - Chair Robert Hayes reported that the committee is continuing to study the question of correlation between curriculum development and library collections development. A survey is being conducted among academic administrators on how they use their library bibliographers; the committee will analyze the data and perhaps make recommendations to the senate. On another matter, that of providing people up for tenure or promotion with more information on the process at each step of the way, or more openness in the whole process, the committee is

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gathering information from our peer institutions on these processes. Recommendations may be forthcoming.

- b) **Administration** - Chair Frank Connolly reported that this committee too is contacting our peer institutions for their views and processes on faculty governance. Data and comments are welcome. He further reported that their information packet for new faculty is still being worked on by the Human Resources Department.
- c) **Benefits** - Chair Frank Bonello asked for information from departments for incorporation into a major report this committee is planning to make on compensation. The new TIAA/CREF options and the University's response to them are still in the Budget Priorities Committee; University action appears to be forthcoming soon, but he is not certain what the outcome will be. The issue of parental leave is still before the BPC.
- d) **Student Affairs** - Chair Clark Power presented a report on the Faculty Board in Control of Athletics (FBCA), especially its composition. The committee wants to ask the president of the University to bring board membership into line with the mandate of the Academic Articles, and that deans, associate and assistant deans not be counted as faculty representatives on the FBCA. In April, it would like to ask the senate to request the FBCA to investigate other universities' athletic boards and its binding rule of confidentiality, as well as asking the senate to establish its own ad hoc committee on athletics. He will make a formal presentation later in this meeting.

Under "Old Business" the senate then conducted elections to fulfill its mandate to name a certain number of faculty members to a variety of University boards and committees: Judicial Review Board, Campus Life Council, Board of Traffic and Parking Appeals, and the Academic and Faculty Affairs Committee of the Board of Trustees. The senate voted and the secretary was empowered to count the votes and report the results at the next senate meeting. If any of those elected are not able to serve, the person with the next highest number of votes will be designated to fill that term.

Under "New Business" the senate returned to its Student Affairs Committee report on the FBCA. Power asked Prof. Stephen Fallon to present its findings (Appendix A of this journal). He reviewed the committee's study and reported a discrepancy in the membership as compared to its description in the Academic Articles (Article IV, section 3, subsection 1); a further anomaly arose in that several

"faculty" appointments consist of people at a dean's or assistant dean's level. Fallon moved a resolution to ask the president to review his appointments to bring them into accord with the Academic Articles; Borelli seconded. Prof. Pamela Falkenburg asked who on the board as a faculty representative is not a member of the faculty. Fallon pointed out that Dr. Ann H. Firth is not a faculty member, and that Dr. Roland B. Smith is primarily an administrator although he holds faculty rank as an associate professional specialist and teaches a class. Prof. Morton Fuchs commented that only one member of the board then does not qualify as a faculty member. Borelli thought the resolution was clear, and believed the president would certainly comply once the discrepancy was pointed out. Prof. James McCarthy wondered why the senate wanted to tinker at all with the FBCA or the system we have at the University, one which he believed has worked well for a long time. Connolly stated that the current resolution merely asked the president to bring his appointments into compliance with the articles.

Prof. Ray Powell asked what was the net gain if a change were to be made? Fallon replied that the origin of his and the committee's concerns was a report from Freshman Year that demands on student time for travel, practice, and games were increasing, and that student athletes were having difficulty in the classroom. If we have the responsibility to oversee our student's education, we have to respond to this, and our vehicle is the FBCA where we have to be properly represented. Borelli added that his experience over the last few years supported the Freshman Year report, and he was further bothered by the more numerous categories of students who are being affected by these demands, now including team trainers; they all seem to be eligible for "excused absences" and are missing classes. In answer to Powell's question, Fuchs said that the FBCA membership should be in accord with the established rules. Powell stated that he had no difficulties with the athletes in his classes, but Fuchs thought that was not the issue before the senate.

Connolly asked if Fallon would consider a friendly amendment: remove line "and another works primarily in administration." After further debate, Fallon accepted the amendment. Prof. Leo Despres called the question on the resolution as amended. There being no objection, the senate voted unanimously to pass the motion as amended (printed as Appendix B).

The senate tabled its further business to hear a presentation from Phillip Johnson, assistant director of security/police, on the parking situation and related issues at the University. He has been in charge of parking, traffic and access to the University since 1987. In that time his office has made vehicle registration easier through computeriza-

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tion, and has handled parking and traffic restrictions because of construction last year, this year, and will continue to do so. Some data: 11,232 vehicles are registered to 8,882 people; 1,677 are to commuter undergraduate students; about 1,300 have a "dotted-line" relationship to Notre Dame (construction workers, vendors, parish members, WNDU, etc.). There are 5,039 parking spaces (480 on the interior of campus). There is an ad hoc committee on parking (appointed by the provost in 1984-85); among other items decided, it has discussed central campus parking, and allowed for one warning ticket to everyone (pay ticket beginning with second one). It did not meet from 1985 to August 1989, when the vice president for Student Affairs asked it to review the policy matters on parking and lot assignments; it was *not* charged to find new parking lots, but it probably will have to face that eventually. Construction will force changes. The Department of Physical Plant has a consultant on board to view parking issues and proper solutions, and security/police has data on hour by hour use of parking lots. As yet the consultant has not filed a report.

McCarthy suggested that in view of the numbers presented earlier, the University does not need more regulations but more parking spaces. He asked what would happen to the parking lots for golfers once security/police moved into the ROTC Building. Johnson replied that their department will have part of that building (the rest apparently will continue to be classroom space), and he agreed more regulations are not needed. Space is not necessarily a problem today except for the area between the Post Office and the stadium. There is "selective overcrowding" in B-1 and for event parking like basketball. So a balance has to be struck between the needs of faculty/staff/students and other uses. The consultant is working on this. Borelli asked about football parking, and Johnson said the consultant has to take account of all factors, including faculty and graduate student access to library and laboratory facilities at all hours. Prof. Panos Antsaklis, a member of the parking committee, wondered why his group had just spent a meeting discussing whether to hire a parking consultant when the University already had one. Johnson thought the present consultant had a wider charge, and that one specifically for the parking situation might be useful, especially in relation to the possibility of expanding the shuttle service. In response to McCarthy, Johnson said the consultant was not working on any plan to move the stadium. Connolly questioned the role of the director of physical plant and his relationship to the parking committee. Will he consult with the committee? Johnson said he was a member of the committee, understood the concerns, gets minutes of meetings he misses.

Johnson moved on to present some thoughts about future parking details. What is the effect of the DeBartolo Building on parking space? In late 1989 50 new spaces for faculty and staff were added behind the University Club and 60 new spots across from the Snite (taken from student parking). Construction has added and will continue to add a serious pedestrian issue—walking is at times dangerous and unsafe, muddy and impossible. In the future all planning will ensure pedestrian safety. With DeBartolo construction, most of B-1 will be lost (at least in the short run) and E-1. Dorr Road will reopen and remain open; the road between B-1 and the stadium will remain open; stadium parking will remain open. Parking in front of the University Club will be unaffected. Parenthetically in response to two questions, he said B-2 will be open and remain so in its original style across from the Biology Building; the visitors pay lot is an issue to be decided later. There is no question, he said, that as the University expands, parking is to be further removed from its present areas. The consultant will give us options on future roads, access and parking lots, and the parking committee will have some input into the recommendations. Biddick commented that the long and short-term problems are different. Is a parking garage in Notre Dame's plans? Johnson responded that such a garage has already been discussed as an option. Free parking as a benefit of employment may not be possible any more. In further response to Biddick, Johnson said he does not plan to lose parking spaces; the University has the land to build on, the walk for faculty and staff may be longer, but for students it will be even more. A garage is a possibility. In the short-run for next year, the lots behind the Center for Continuing Education may remain, but there are as yet no announced plans. Spots may have to be utilized near the Alumni-Senior Club and again move student parking; even now it is not sufficient for our needs, and this has to be addressed too.

Prof. Daniel Lapsley asked about putting additional parking or a garage on part of the golf course. Antsaklis returned to the serious problem of pedestrian safety, especially in winter with snow piles and potholes all over; can sidewalks be considered? Johnson repeated that we have to do better on this in the future; although it is not necessarily part of his responsibility, he will be sure to voice those concerns when future projects are under review. Prof. Charles Parnell mentioned that bicycles might be more beneficial than cars, so bike paths should be considered. To Johnson, bikes are good alternatives to cars, but pedestrian as well as bike paths are necessary; the committee has discussed this issue extensively and bike safety has to be part of the traffic plan, especially in regard

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to students living off-campus. Borelli brought up the issue of personal safety from violence on campus; additional lighting and patrolling of garages and far-off parking lots are a necessity. Johnson fully concurred and mentioned that SAFEWALK is part of the answer; emergency telephones may also be part of the answer.

Prof. Karamjit Rai asked about parking ticket enforcement; how zealous is the department in monitoring violations? Johnson simply stated that enforcement should be evenhanded, but mistakes may occur. On specific instances, he would not comment. McCarthy thought the old laundry location may be good for parking lots because the ground texture is not the best for a building. Prof. Margaret Porter asked about the new parking situation across Juniper Road from the library near the new ROTC building; there seems to be a good deal of illegal parking going on which is leading to a serious safety issue, especially since there is so little lighting in that area. Johnson said that no decisions have yet been made on that area, but that he would take her concerns to the committee; temporary "no parking" signs are being installed. The question of pedestrian safety on Juniper Road should be taken care of beginning next summer. Dr. F. Ellen Weaver spoke of the terrible problem at the Juniper/Edison/Angela/Eddy intersection. Johnson said traffic engineers believe that four-way stops are the most efficient means of traffic control and statistics support this. It is a serious concern that traffic lights may not lessen. A further complication is that it is a jurisdictional problem. Prof. Albert Miller wondered why the "band practice field" was not considered for additional parking, especially since they have a new building and it is so near to Loftus Center. For Johnson, that was an area not to be considered. Parnell brought up the question of arts activities open to the public this summer in Washington Hall; where will people park? Johnson was happy to know that information so early so that plans can be made to accommodate them and he asked if others would give him such information as far in advance as possible. But the answer is not in driving to Washington Hall; pedestrian safety is a prime concern and there can be no increase in vehicular traffic on the interior of campus. Johnson closed by asking everyone to keep open the lines of communications, ideas and problems. The senate applauded his presentation, and Conway thanked him.

The senate then returned to its business. The Chair asked if the senate, in view of the late hour, would like to keep the FBICA issue on the table until the April meeting. The senate agreed. He urged senators to remind their deans about upcoming senate elections (in time for the May meeting) and them to urge their colleagues to stand for election.

Lapsley called for adjournment, Bonello seconded, and the senate agreed. The meeting adjourned at 9:20 p.m.

Respectfully submitted,

Peter J. Lombardo, Jr.
Secretary

Members Present:

Anderson, Antsaklis, Bell, Bender, Bentley, Biddick, Bonello, Connolly, Conway, Costigan, Despres, Falkenberg, Fallon, Fuchs, Gad-el-Hak, Halloran, Hanson, Harmatiuk, Hayes, Keating, Lapsley, Lombardo, MacKenzie, McCarthy, Miller, Parnell, Porter, Powell, Power, Pratt, Rai, Sheehan, Sporleder, Wasowski, Weaver

Members Absent:

Attridge, Bandyopadhyay, Blenkinsopp, Bunker, Esch, Goddu, Herro, Jerez-Ferran, Johnson, C.L., Johnson, P.G., Krieger, Rigby

Members Excused:

Collins, Moody, Pilkinton, Quinn

APPENDIX A

To: Faculty Senate

From: Student Affairs Committee

Report on the Faculty Board in Control of Athletics

In the course of looking into the demands on our student athletes, our committee compared the composition of the Faculty Board in Control of Athletics as stipulated in the Academic Articles (Article IV, section 3, subsection j) with the listing of the current membership. The results of that comparison are listed in the table below. In boldface are titles of the four administrators who fill half of the eight faculty slots.

Exec. Vice President, Chair
Rev. E. William Beauchamp, C.S.C.

Vice President, Student Affairs
Rev. David E. Tyson, C.S.C.

Director of Athletics
Richard Rosenthal

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Elected by and from faculty of:

Arts and Letters

Frank J. Bonello, Economics

Business

Paul Conway, Finance and Business Economics

Engineering

Jerry J. Marley, Assistant Dean

Law

David T. Link, Dean

Science

John E. Derwent, Mathematics

Faculty appointed by president:

1. William H. Leahy, Economics

2. Ann M. Firth, Director of Residence Life

3. Roland B. Smith, Executive Assistant to the President
and Assoc. Prof. Spec., Urban Studies

Student appointed by president:

William W. Kirk, law student

The academic articles call for a board composed of three administrators serving *ex officio*, eight faculty (five elected and three appointed), and one appointed student. Of the 12 current members of the Faculty Board in Control of Athletics, only six are members of the Teaching and Research Faculty of the University (Roland Smith is an associate professional specialist). The result is a board with five administrators, six faculty, and one student. If deans are included under administration, as we think they should be, the result is even more skewed: seven administrators, four faculty and one student.

Summary:

Membership of FBCA according to Articles

	Actual Membership	Deans as faculty	Deans as Admin.
Administration	3	5	7
Faculty	8	6	4
Student	1	1	1

APPENDIX B

WHEREAS the current composition of the Faculty Board in Control of Athletics does not reflect the composition of the Board stipulated in the Academic Articles,

and

WHEREAS one person appointed by the President to faculty membership on the FBCA does not hold a faculty position,

BE IT RESOLVED that the Faculty Senate ask the President's Office to review the Articles and comply with them.

Advanced Studies

Current Publications and Other Scholarly Works

Current publications should be mailed to the Research Division, Room 314, Main Building

COLLEGE OF ARTS AND LETTERS

American Studies

Costello, Donald P.

D.P. Costello. 1990. The Language of *The Catcher in the Rye*. Pages 44-53 in, J. Salzberg, ed., Critical Essays on Salinger's *The Catcher in the Rye*.

G.K. Hall and Company, Boston, Massachusetts.

Anthropology

Gaffney, CSC, Patrick D.

P.D. Gaffney, CSC. 1990. Review of *The Islamic Impulse* by Barbara Stowasser. *International Journal of Middle East Studies* 22(1):115-118.

Core Course

Connelly, CSC, James T.

J.T. Connelly, CSC. 1990. Congregation of Holy Cross; Christian Family Movement; Columbian Catholic Congress; Peter P. Cahensly; John J. Cavanaugh; Family Life Division of the U.S. Catholic Conference (1921-); Eliza Gillespie; Daniel A. Lord; Thomas T. McAvoy; and John A. O'Brien. Pages 207, 235-236, 257, 300, 308, 428-429, 482, 668, 681 and 835 in, D.G. Reid, R.D. Linder, B.L. Shelley and H.S. Stout, eds., *Dictionary of Christianity in America*. Inter-Varsity Press, Downers Grove, Illinois.

English

Brogan, Jacqueline V.

J.V. Brogan. 1989. Window. *Hubbub* 7(2):16.

Bruns, Gerald L.

G.L. Bruns. 1990. Stanley Cavell's Shakespeare. *Critical Inquiry* 16(3):612-632.

Peters, Erskine A.

E.A. Peters. 1990. Fundamentals of Essay Writing: An Orientation Manual, Second Revised Edition. Regent Press, Oakland, California. 72 pp.

Freshman Writing Program

Johnson, Carla J.

C.J. Johnson. 1990. Three Poems. A Father and His Daughter; It Is May; Tolerance. Translation of a Poem by Cesare Pavese. *The Blossom Review* 2(Spring).

Government and International Studies

Leege, David C.

D.C. Leege and M.R. Welch. 1989. Catholics in Context: Theoretical and Methodological Issues in Studying American Catholic Parishes. *Review of Religious Research* 31(2):132-148.

History

Dolan, Jay P.

J.P. Dolan. 1990. Immigration and Ethnicity, Catholic. Pages 567-569 in, D.G. Reid, ed., *Dictionary of Christianity in America*. Inter-Varsity Press, Downers Grove, Illinois.

J.P. Dolan. 1990. Revivalism, Catholic. Pages 1010-1011 in, D.G. Reid, ed., *Dictionary of Christianity in America*. Inter-Varsity Press, Downers Grove, Illinois.

Philosophy

McInerney, Ralph M.

R.M. McInerney. 1990. Edith Stein and the Perennial Philosophy. Pages 13-15 in, J. Sullivan, ed., *Blessed by the Cross*. Catholics United for the Faith, New Rochelle, New York.

Program of Liberal Studies

Schindler, David L.

D.L. Schindler. 1990. Mort de la raison moderne, resurrection du Verbe de Dieu. *Revue Catholique Internationale: Communio* 15(2):76-88.

D.L. Schindler. 1990. Grace and the Form of Nature and Culture. Pages 10-30 in, D.L. Schindler, ed., *Catholicism and Secularization in America: Essays on Nature, Grace, and Culture*. OSV Press, Huntington, Indiana/Communio Books, Notre Dame, Indiana.

D.L. Schindler. 1990. Faith and the Logic of Intelligence. Pages 170-193 in, D.L. Schindler, ed., *Catholicism and Secularization in America: Essays on Nature, Grace, and Culture*. OSV Press, Huntington, Indiana/Communio Books, Notre Dame, Indiana.

Advanced Studies

Sociology

Welch, Michael R.

See under GOVERNMENT AND INTERNATIONAL STUDIES; Leege, David C. 1989. *Review of Religious Research* 31(2):132-148.

Theology

Blenkinsopp, Joseph

J. Blenkinsopp. 1990. A Jewish Sect of the Persian Period. *Catholic Biblical Quarterly* 52(1):5-20.

Christiansen, SJ, Andrew J.

A.J. Christiansen, SJ. 1990. Notes on Moral Theology: Ecology, Justice and Development. *Theological Studies* 51(1):64-81.

Collins, Adela Y.

A.Y. Collins. 1990. Meaning and Significance in Apocalyptic Texts. Pages 105-119 in, B. Dauenhauer, ed., *Textual Fidelity and Textual Disregard*. Peter Lang, New York, New York.

A.Y. Collins. 1990. Is Mark's Gospel a Life of Jesus? The Question of Genre. Marquette University Press, Milwaukee, Wisconsin. 77 pp.

A.Y. Collins. 1990. Remove This Cup: Suffering and Healing in the Gospel of Mark. Pages 29-61 in, F.A. Eigo, OSA, ed., *Suffering and Healing in our Day*. Proceedings of the Theology Institute of Villanova University. Villanova University Press, Villanova, Pennsylvania.

Collins, John J.

J.J. Collins. 1990. Daniel and the Minor Prophets. Pages 342-385 in, J. Senior, et al., eds., *The Catholic Study Bible*. Oxford University Press, New York, New York.

Kannengiesser, SJ, Charles

C. Kannengiesser, SJ, and P. Bright. 1989. A Conflict of Christian Hermeneutics in Roman Africa: Tyconius and Augustine. Graduate Theology Union and University of California-Berkeley, Berkeley, California. 87 pp.

LaCugna, Catherine M.

C.M. LaCugna. 1989. The Baptismal Formula, Feminist Objections and Trinitarian Theology. *Journal of Ecumenical Studies* 26(2):235-250.

Yoder, John H.

J.H. Yoder. 1990. Book Review. George Weigel's, *Tranquillitas Ordinis: The Present Failure and Future Promise of American Catholic Thought on War and Peace*. *The Journal of Law and Religion* 6(2):501-508.

COLLEGE OF SCIENCE

Biological Sciences

Grimstad, Paul R.

P.R. Grimstad. 1990. Vector-Virus-Host Relationships in the Midwestern Jamestown Canyon Virus Cycle. *Proceedings of the Illinois Mosquito and Vector Control Association* 1:9.

Hyde, David R.

D.R. Hyde, K.L. Mecklenburg, J.A. Pollock, T.S. Vihtelic and S. Benzer. 1990. Twenty *Drosophila* Visual System cDNA Clones: One Is a Homolog of Human Arrestin. *Proceedings of National Academy of Sciences* 87:1008-1012.

M.J. Palazzolo, D.R. Hyde, K. VijayRaghavan, K. Mecklenburg, S. Benzer and E. Meyerowitz. 1989. Use of a New Strategy to Isolate and Characterize 436 *Drosophila* cDNA Clones Corresponding to RNAs Detected in Adult Heads but Not in Early Embryos. *Neuron* 3:527-539.

Saz, Howard J.

H.J. Saz. 1990. Helminths: Primary Models for Comparative Biochemistry. *Parasitology Today* 6(4):92-93.

Chemistry and Biochemistry

Fehlner, Thomas P.

A.A. Aradi and T.P. Fehlner. 1990. Isoelectronic Organometallic Molecules. *Advances in Organometallic Chemistry* 30:189-242.

Kolasa, Teodozj

T. Kolasa and M.J. Miller. 1990. 1-Hydroxy-3-amino-2-piperidone (δ -N-Hydroxycycloornithine) Derivatives: Key Intermediates for the Synthesis of Hydroxamate-Based Siderophores. *The Journal of Organic Chemistry* 55:1711-1721.

Miller, Marvin J.

See under Kolasa, Teodozj. 1990. *The Journal of Organic Chemistry* 55:1711-1721.

Schuler, Robert H.

See under RADIATION LABORATORY; Tripathi, G.N.R. 1990. *The Journal of Physical Chemistry* 94:2216-2217.

Mathematics

Sommese, Andrew J.

A.P. Morgan, A.J. Sommese and C.W. Wampler. 1990. Polynomial Continuation for Mechanism Design Problems. Pages 495-517 in, E.L. Allgower and K. Georg, eds., *Computational Solution of Nonlinear Systems of Equations, Lectures in Applied Mathematics, Volume 26*. American Mathematical Society, Providence, Rhode Island.

Advanced Studies

A.P. Morgan and A.J. Sommese. 1990. Generically Nonsingular Polynomial Continuation. Pages 467-493 in, E.L. Allgower and K. Georg, eds., Computational Solution of Nonlinear Systems of Equations, Lectures in Applied Mathematics, Volume 26. American Mathematical Society, Providence, Rhode Island.

M. Beltrametti and A.J. Sommese. 1990. On k-Spannedness for Projective Surfaces. Pages 24-51 in, A.J. Sommese, A. Bianeophore and E.L. Lisorne, eds., Algebraic Geometry, Proceedings, L'Aquila 1988 Lecture Notes in Mathematics 1417. Springer Verlag, New York, New York.

A.J. Sommese. 1990. Editor. Algebraic Geometry Proceedings. Springer Verlag, New York, New York. vi + 320 pp.

A. Lanteri, M. Palleschi and A.J. Sommese. 1989. Very Ampleness of K_X tensor $\mathcal{L}_{\dim X}$ for Ample and Spanned Line Bundles L . *Osaka Journal of Mathematics* 26(3):647-664.

Physics

Lundeen, Stephen R.

P.W. Arcuni, E.A. Hessels and S.R. Lundeen. 1990. Series Mixing in High-L Rydberg States of H_2 : An Experimental Test of Polarization Model Predications. *Physical Review A* 41(7):3648-3662.

E.A. Hessels, F.J. Deck, P.W. Arcuni and S.R. Lundeen. 1990. Microwave Spectroscopy of High-L Helium Rydberg States II, The 10F-G and 10G-H Intervals. *Physical Review A* 41(7):3663-3671.

COLLEGE OF ENGINEERING

Aerospace and Mechanical Engineering

Mueller, Thomas J.

E.J. Fitzgerald and T.J. Mueller. 1990. Measurements in a Separation Bubble on an Airfoil Using Laser Velocimetry. *American Institute of Aeronautics and Astronautics* 28(4):584-592.

Electrical and Computer Engineering

Antsaklis, Panagiotis J.

P.J. Antsaklis. 1990. Guest Editor. Special Issue on "Neural Networks in Control Systems." *IEEE Control Systems Magazine* 10(3):3-87.

P.J. Antsaklis. 1990. Introduction. Neural Networks in Control Systems. *IEEE Control Systems Magazine* 10(3):3-5.

O.R. Gonzalez and P.J. Antsaklis. 1990.

Hidden Modes of Two Degrees of Freedom Systems in Control Design. *IEEE Transaction on Automatic Control* 35(4):502-506.

INSTITUTE FOR PASTORAL AND SOCIAL MINISTRY

Notre Dame Center for Pastoral Liturgy

Bernstein, CSJ, Eleanor

E. Bernstein, CSJ. Editor. 1990. Liturgy and Spirituality in Context. Liturgical Press, Collegeville, Minnesota. 170 pp.

Notre Dame Center for Continuing Formation in Ministry

Lauer, Eugene F.

E.F. Lauer. 1990. For What Shall We Ask? Prayer of Petition: A Biblical/Theological Critique. *Studies in Formative Spirituality* 11(2):145-156.

RADIATION LABORATORY

Chateauneuf, John E.

J.E. Chateauneuf. 1989. Charge-Transfer Absorption Spectra of Chlorine Atoms in Halogenated Solvents. *Chemical Physics Letters* 164(6):577-580.

J.E. Chateauneuf, J. Luszyk and K.U. Ingold. 1990. Photoinduced Electron Transfer from Dialkyl Nitroxides to Halogenated Solvents¹ - *The Journal of Organic Chemistry* 55(3):1061-1065.

Ferraudi, Guillermo J.

S. Ronco and G.J. Ferraudi. 1990. Magnetic Field Effects on the Reactivity of Coordination Complexes: A Probe of the Transition-state Magnetic Properties in Outer-sphere Electron Transfers. *Journal of the Chemical Society Dalton Transactions* Paper 9/01478K:887-889.

Tripathi, G.N.R.

Q. Sun, G.N.R. Tripathi and R.H. Schuler. 1990. A Time-Resolved Raman Study of the Reaction of OH Radicals with p-Phenylenediamine. *The Journal of Physical Chemistry* 94:2216-2217.

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