



Notre Dame

R E P O R T

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1991-92

The University

President's Address to the Faculty

Rev. Edward A. Malloy, C.S.C., president, will deliver an address to the faculty Tuesday, October 1, at 4:30 p.m. in Washington Hall.

Cunningham Appointed Chair in Theology

Lawrence S. Cunningham, professor of theology, has been appointed chair of the Department of Theology. He succeeds Rev. Richard P. McBrien, chair of the department since 1980. McBrien will continue to teach, write and conduct research as Crowley-O'Brien-Walter Professor of Theology at Notre Dame.

Cunningham's scholarship encompasses a range of studies including religion, culture and values, the nature of saintliness, and the quest for faith. He came to Notre Dame in 1988 after 21 years on the faculty of Florida State University. He is the translator of two books and the author of 11, including *The Catholic Faith: An Introduction*, winner of the Catholic Press Association's 1987 award for the Best Book on Catholicism.

Cunningham received his master's degree and Ph.D. from Florida State. He holds a bachelor's degree in philosophy from St. Bernard's College in Rochester, N.Y., and an S.T.L. in theology from the Gregorian University in Rome.

Arts and Letters Deanship Designated George N. Shuster Deanship

The deanship of the College of Arts and Letters, to be occupied by Harold W. Attridge, professor of theology, has been designated the George N. Shuster Deanship. Michael J. Loux, Attridge's predecessor for eight years as the I.A. O'Shaughnessy Dean of Arts and Letters, will return to teaching and research as the I.A. O'Shaughnessy Professor of Arts and Letters.

The Shuster Endowment memorializes the 1915 Notre Dame alumnus who served as president of Hunter College from 1939-60, then returned to Notre Dame to direct the Center for the Study of Man in Contemporary Society from 1961 until his retirement a decade later. Recipient of the Laetare Medal in 1960, Shuster died in 1977.

The O'Shaughnessy Chair was created in 1985 in memory of Ignatius Aloysius O'Shaughnessy, a trustee and major benefactor of the University whose gifts include O'Shaughnessy Hall of Liberal and Fine Arts, home to the College of Arts and Letters. O'Shaughnessy died in 1975.

Faculty Notes

Appointments

The names of University of Notre Dame faculty receiving academic-administrative appointments have been announced by the University's provost, Timothy O'Meara.

They are:

- **John B. Attanasio**, John M. Regan Director of the Joan B. Kroc Institute for International Peace Studies.
- **Harold W. Attridge**, George N. Shuster Dean, College of Arts and Letters.
- **Steven C. Bass**, Schubmehl-Prein Chair, Department of Computer Science and Engineering.
- **Steven M. Batill**, director, Hessert Center for Aerospace Research.
- **Joseph Bauer**, associate dean for academic affairs, Law School.
- **Sister Kathleen Cannon**, O.P., director, Institute for Pastoral and Social Ministry.
- **Lawrence Cunningham**, chair, Department of Theology.
- **Jeanne D. Day**, associate chair, Department of Psychology.
- **Fernand N. Dutile**, acting dean, Law School.
- **Kimberly Flint-Hamilton**, assistant dean, College of Arts and Letters.
- **Samuel S. Gaglio**, assistant dean for administration, College of Business Administration.
- **Lt. Col. Robert E. Gillespie**, chair, Department of Military Science.
- **Paul R. Grimstad**, assistant chair, Department of Biological Sciences.
- **Anthony K. Hyder**, associate vice president for research, Graduate School.
- **Eric J. Jumper**, associate chair, undergraduate aerospace engineering program.
- **Barry P. Keating**, chair, Department of Finance and Business Economics.
- **A. Graham Lappin**, associate chair, Department of Chemistry and Biochemistry.
- **Arnold F. Ludwig**, assistant dean for executive education, College of Business Administration.
- **Scott E. Maxwell**, chair, Department of Psychology.
- **William O. McLean**, associate dean, Law School.
- **Kevin M. Misiewicz**, assistant chair, Department of Accountancy.
- **Dian Murray**, associate dean, College of Arts and Letters.
- **Kathie E. Newman**, associate dean, College of Science.
- **Walter F. Pratt Jr.**, associate dean, Law School.
- **Joan Catherine Prendergast**, acting director, Program for Church Leaders.
- **Robert Schmuhl**, acting chair, Department of American Studies.
- **Paul E. Shanley**, assistant chair and director of graduate studies, Department of Physics.
- **Kern R. Trembath**, assistant chair, Department of Theology.
- **Susan Youens**, acting chair, Department of Music.

Honors

Craig E. Adcock, professor of art, art history and design, has been named the Whitney Halstead Visiting Scholar in the Department of Art History, Theory and Criticism at the School of the Art Institute of Chicago, Ill., for the fall semester 1991.

David B. Cortright, guest lecturer in the Kroc Institute for International Peace Studies, has received the Peace and Justice Award from the SANE/FREEZE Campaign for Global Security. SANE/FREEZE, which resulted from the 1987 merger of the Nuclear Freeze Campaign and the Committee for a Sane Nuclear Policy, is the largest peace organization in the country. Cortright was honored "for his lifetime of activism in the service of peace, disarmament, and social justice."

Rev. Richard P. McBrien, Crowley-O'Brien-Walter professor of theology, received a certificate of appreciation from the Catholic Press Association and *The Catholic Transcript* in recognition of 25 years of outstanding contribution to the Catholic press, Tempe, Ariz., May 24.

Morris Pollard, Coleman director of the Lobund Laboratory and professor emeritus of biological sciences, has been appointed a member of the international editorial committee of *The Chinese Medical Sciences Journal*.

Juan M. Rivera, associate professor of accountancy, has been elected president of the International Accounting Section and member of the Council of the American Accounting Association at its annual meeting held in Nashville, Tenn., Aug. 12-14.

Activities

Stephen M. Batill, associate professor of aerospace and mechanical engineering, gave a presentation titled "Application of Large Scale Integrated Analysis Design Software to Conceptual Structural Design" to the Flight Dynamics Directorate at Wright-Patterson Air Force Base, Ohio, Aug. 20.

Martin B. Berg, assistant professional specialist in biological sciences, presented a paper titled "The Role of Chironomidae in Energy Flow of Lotic Ecosystems" at the 11th international symposium on Chironomidae in Amsterdam, The Netherlands, Aug. 7-20.

Gary H. Bernstein, assistant professor of electrical engineering, gave a talk titled "Nanostructure Fabrication Using a Converted SEM for Electron Beam Lithography" at Miles Laboratories in Elkhart, Ind., Aug. 16.

Faculty Notes

Lawrence S. Cunningham, chairman and professor of theology, presented the seminar "The Returning Catholic" to the Alumni Association meeting at Notre Dame, Ind., June 7. He presented "Reflections on Van Beeck's New Systematic Theology (*God Encountered: A Contemporary Catholic Systematic Theology*)" at the annual meeting of the Catholic Theological Society of America in Atlanta, Ga., June 14. He gave five presentations on theology and literature to contemplative monastics at the Cistercian Abbey of Our Lady of Gethsemani, Ky., July 22-26.

James T. Cushing, professor of physics, delivered the paper, "Quantum Mechanics, Historical Contingency and the Copenhagen Interpretation" at the IX international congress of Logic, Methodology and Philosophy of Science in Uppsala, Sweden, Aug. 6-16.

John G. Duman, professor of biological sciences, presented the talks "Serum Ice Nucleators from Freeze Tolerant, Midland Painted Turtle Hatchlings" co-authored with K.B. Storey, "Scanning Tunneling Microscopy of Insect Lipoprotein Ice Nucleators" co-authored with K.L. Yeung and E.W. Wolf and "Plant Thermal Haptogenesis Proteins" co-authored with M. Urrutia and C.A. Knight at the fifth international conference on Biological Ice Nucleation in Madison, Wis., Aug. 4-7.

Guillermo J. Ferraudi, professional specialist in the Radiation Laboratory, presented the paper "Metal-Organic Photochemistry in the Picosecond Time Domain" at the fourth ACS Chemical Congress of North America in New York, N.Y., Aug. 25-30.

Sonia G. Gernes, professor of English, presented a paper "Born Again: Baptism and Conversion in Marilynne Robinson's *Housekeeping*" at the North Central Women's Studies Association Conference at Saint Mary's College, Notre Dame, Ind., March 2. She gave a reading of her poetry and fiction at the University of Indianapolis in Indianapolis, Ind., April 4. She read her poetry at a Friends of Notre Dame Library luncheon in Notre Dame, Ind., April 15. She gave Universal Notre Dame Night talks in Dubuque, Iowa, and LaCrosse, Wis., April 19-20. She gave a Fellowship Presentation at the Lilly Endowment Faculty Open Fellowship Reunion Conference in Indianapolis, Ind., June 4.

Sonia M. Goltz, assistant professor of management, presented "Investigating the Interaction of Responsibility and Reinforcement History on Recommitment" at the 1991 annual meeting of the Academy of Management in Miami Beach, Fla., Aug. 13.

Prashant V. Kamat, associate professional specialist in the Radiation Laboratory, gave the invited paper "Sensitized Charge Injection in Large Bandgap Semiconductors" co-authored by Brian Patrick at the symposium on Electrochemistry in Microheterogeneous Fluids of the 202nd ACS national meeting in New York, N.Y., Aug. 26-30.

Jeffrey C. Kantor, associate professor of chemical engineering, presented a keynote paper titled "Multivariable Control with Integrated Diagnostics for Chemical Processes" at the fourth international symposium on Process Systems Engineering in Montebello, Quebec, Aug. 7.

Lloyd H. Ketchum Jr., associate professor of civil engineering and geological sciences, presented a paper titled "Anaerobic Sequencing Batch Reactor Treatment of Coal Conversion Wastewater Constituents" at the American Institute of Chemical Engineers 1991 summer national meeting in Pittsburgh, Pa., Aug. 18-21.

Rev. Richard P. McBrien, Crowley-O'Brien-Walter professor of theology, presented "The Catholic Character of the University" to the Adult and Youth Ministries at the St. Joseph Education Center Conference Day in Des Moines, Iowa, April 20. He presented "Social Justice: It's In Our Bones" to the 1991 Presbyteral Assembly of the Archdiocese of Saint Paul and Minneapolis in Collegeville, Minn., June 25. He gave the keynote address "Nurturing the Church and Society" at the fourth national Catholic HIV/AIDS Ministry Conference at the University of Notre Dame, Notre Dame, Ind., July 1.

Anthony N. Michel, McCloskey dean and Freimann professor of electrical engineering, presented with Ljubomir T. Grujic from the University of Belgrade the following five papers at the 13th IMACS World Congress on Computation and Applied Mathematics: "Mathematical Modelling of Continuous-Time Neural Networks Under Structural Variations," "Discrete-Time Mathematical Models of Neural Networks Under Structural Variations," "Qualitative Analysis of Continuous-Time Neural Networks Under Structural Variations," "Qualitative Analysis of Discrete-Time Neural Networks Under Structural Variations" and "Analysis and Synthesis Methods of Neural Networks for Associative Memories." The congress was sponsored by the International Association for Mathematics and Computers in Simulation and took place at Trinity College, Dublin, Ireland, July 22-26.

Kevin M. Misiewicz, associate professor of accountancy, gave the presentation "Enhancing Students' Write Stuff: A Term Article" to the Price Waterhouse 1991 Tax Colloquium held in Nashville, Tenn., Aug. 9.

Faculty Notes

Karen M. Morris, staff professional specialist in chemistry and biochemistry, was an instructor for the SEMSplus Seminar workshop and presented an invited talk titled "What Makes a Good Classroom Chemistry Demonstration Anyway?" held at Andrews University in Berrien Springs, Mich., June 24-28. The workshop was one result of the initiative in the State of Michigan to improve precollegiate science education by introducing new teaching techniques and activities in science to local elementary, junior high and high school teachers.

Lenard E. Munstermann, associate faculty fellow in biological sciences, presented "Dengue Hemorrhagic Fever" at the conference Remote Sensing, Environmental Change, and Human Health sponsored by NASA and the Aspen Global Change Institute in Aspen, Colo., July 19. He gave the invited lecture "Asian Tiger Mosquito Comes to the United States in Imported Used Tires" as part of the Walter Orr Roberts Memorial Public Lecture Series at the Aspen Global Change Institute in Aspen, Colo., July 25.

Guillermo O'Donnell, academic director of the Kellogg Institute and Kellogg professor of government and international studies and sociology, in his capacity as president of the International Political Science Association, gave the keynote speech at the opening ceremony of the XVth world congress of Political Science in Buenos Aires, Argentina, July 21.

Larry K. Patterson, faculty fellow in chemistry and assistant director of the Radiation Laboratory, presented the paper "Conductivity in Spread Lipid Monolayers" co-authored by C. Mingotaud and A.F. Mingotaud at the fifth international conference on Langmuir-Blodgett Films in Paris, France, Aug. 26-30.

William A. O'Rourke, associate professor of English, was a member of the writing faculty of the summer writing workshop at Bennington College in Bennington, Vt., July 13-27. He gave a reading at Bennington College, July 19.

B.F. Spencer Jr., associate professor of civil engineering and geological sciences, presented the paper titled "Robust Numerical Solution of the Transient Fokker-Planck Equation for Nonlinear Dynamical Systems" at the international union of Theoretical and Applied Mechanics Symposium on Nonlinear Stochastic Mechanics in Torino, Italy, July 1-5.

Donald E. Sporleder, professor of architecture, participated as IDP Educational Coordinator for the University of Notre Dame at the Architectural IDP Fair, Intern Development Program, of the Indiana Society of Architects and the State Board of Registration for Architects held at the Christian Theological Seminary in Indianapolis, Ind., July 12. He served as a master juror at the National Council of Architectural Registration Boards, Building Design—Architects Registration Examination grading session in St. Louis, Mo., July 17-21. He met with the National Council of Architectural Registration Boards, Master Juror Committee in Denver, Colo., June 24-26, and attended their annual meeting, June 28. The committee developed grading criteria and instructions for jurors for use at the July grading of the Architects Registration Examination—Building Design division—administered in mid-June to 8000 candidates for licensure.

Rev. Francis S. Tebbe, O.F.M., associate director of the Institute for Pastoral and Social Ministry and associate professional specialist, presented a three-day workshop, titled "Models and Methods for Theological Reflection" conducted for Franciscan postulants at St. Ann Friary in Cincinnati, Ohio, Aug. 12-14.

Chris R. Vanden Bossche, associate professor of English, chaired a session on "Authority and Authorship" at the conference on Masterpieces in the Marketplace: Victorian Publishing and the Circulation of Books at the University of California at Santa Cruz, Calif., Aug. 9.

Robert P. Vecchio, Schurz professor of management, served as a discussant for the "Leadership and Supervision" session of the national meeting of the Association of Management in Atlantic City, N.J., Aug. 8. He served as chair of the "Leadership and Managerial Success" paper session at the national meeting of the Academy of Management in Miami, Fla., Aug. 12.

Kwang-tzu Yang, Hank professor of aerospace and mechanical engineering, presented a paper co-authored with D. Mukutmoni titled "Transition to Oscillatory Flow in Rayleigh-Benard Convection in a Three-Dimensional Box," served as a panelist in the technical session on "Form on Critical Technologies and Intersecting Phenomena" and chaired a panel session on "Heat Transfer in Manufacturing Technologies" at the 27th national Heat Transfer conference and exposition in Minneapolis, Minn., July 27-31.

Administrators' Notes

Appointments

Maria M. Fuentes, formerly an assistant director of the Alumni Association, has been appointed assistant director of minority student affairs. Fuentes, a native of Weslaco, Tex., was graduated from Notre Dame in 1989. During her student career she served the University's admissions office as a minority student recruiter. She was also a member of the Multicultural Executive Council and of the Committee for the Year of Cultural Diversity. Her responsibilities include making arrangements for educational programs, counselling students and assisting various minority student organizations.

Iris Outlaw has been appointed director of minority student affairs. A native of LaPorte, Ind., she was graduated from Indiana University in 1973 and obtained a master of science in administration degree from Notre Dame last year. Until recently, she worked as a project manager in the South Bend Housing Authority. She has worked for several community organizations including the Urban League of St. Joseph County, the Hispanic Task Force and the Junior League. Outlaw's responsibilities include the design and administration of programs which serve minority students on campus. She will also serve as liaison between the vice president of student affairs and various University offices in matters of interest to minority students.

Documentation

Report on the Year of Women 1990-91

In March of 1990, the newly appointed Committee on the Year of Women came together for the first time to plan how we would make the year dedicated to women become an exciting and stimulating reality. Both research and the instincts of women reveal that working collaboratively is the female way. We tried to embody this style by drawing as many people as possible into planning activities. Many women, men, colleges, departments, units, offices, committees, clubs and organizations cooperated to sponsor over 170 events during the 1990-91 academic year.

We adopted a subcommittee structure which was topically oriented, and we agreed to invite additional members to serve on these subcommittees. The seven subcommittees were: Arts and Literature; Careers, Roles and Barriers; Health, Recreation and Safety; Politics, Legal Issues, Media and Economics; Science, Engineering and Technology; Spirituality, Religion and Education; and Student Life and Relationships. The list of committee and subcommittee members is attached. The primary, although not the only, target audience for Year of Women activities was undergraduate students, both male and female.

We had a budget of \$25,000 and an additional \$3,784 available from a fund for women speakers. A budget subcommittee was established to set up a process and guidelines for making budget allocations. Preference was given to activities jointly sponsored with other units. Approximately \$27,000 was spent on events exclusive of the final luncheon.

The topic subcommittees took on several major functions. They were to 1) plan and sponsor relevant events, 2) act as catalysts to encourage other groups and individuals to sponsor activities, and 3) screen budget proposals related to their topic.

In order to focus our efforts, we set four goals for the year:

- 1) To spotlight women who have accomplished significant work in a wide variety of fields,
- 2) To focus on research, scholarship and topics of special interest to women,
- 3) To improve relationships between male and female students on the campus, and
- 4) To address aspects of the Notre Dame environment which could be more inclusive and supportive of women.

Through the cooperation of numerous departments, many prominent women in a variety of fields were brought to campus. During the year we had on campus women as renowned and diverse as Rosa Parks, Geraldine Ferraro, Joan Chittister, Maya Angelou, Martina Arroyo, Eleanor Baum, Alicia Ostriker, Sheila Tobias and Margaret Steinfelds, to

name just a few. This year the commencement speaker, the Laetare Medal winner and nine of the 13 recipients of honorary degrees were women.

We were successful in meeting the goal of spotlighting women who have accomplished significant work. The challenge for the future is: Will prominent women continue to be invited to campus on a regular basis? Will established lecture series and panels regularly have female participants? Will the University always have female honorary degree recipients? Will the University community notice if women are missing from the dais?

The second goal was to focus on research, scholarship and topics of special interest to women. Scholars have discussed, among other topics, "Philosophy in a Different Voice," "The Culture and Biology of Gender," "Women's Work and the U.S. Economy," "Abortion, Pornography and Surrogacy Arrangements," "Women in Latin American Development," "A Word Made Flesh: The Bible and Revisionist Women's Poetry," "The Path of Women Ecologists," and the "Archeology of Gender." Panels have explored such issues as "Should Women be Ordained in the Catholic Church?" "The Changes and Challenges Facing Women in the Academy," and "Gender Issues in the Workplace." Experts have offered advice on a variety of topics including "Managing Family Resources," "The Nutritional Needs of Women," "Balancing Dual Career Goals," and "Women Caring for Aging Parents."

The lecture and panel formats were not the only ones employed. There was an exhibit of the papers of Emma Goldman and plays on the lives of Dorothy Day and other famous women. The Glee Club had a special Year of Women concert which featured the specially commissioned works of several contemporary women composers. There was a special Day for Women at the Snite Museum and a film series which explored "How Filmmakers Depict Women." The printed media included an anthology entitled *More Than A Whisper: Creative Reflections from Another Perspective* and there was a special insert in *The Observer*. The year ended with a celebratory luncheon which was attended by more than 1100 women who work at the University.

The number and diversity of sponsored programs testify to the attainment of goal number two. Although individual committee members had strong feelings as to the appropriate role of women in society and in the University, the committee as a whole tried to remain free of political bias, offering at least nominal support to a wide range of opinions, representing the entire spectrum of political beliefs. While this much time and attention probably will not be given to topics of interest to women in the future, it is crucial that departments continue to promote research and teaching on gender related issues. This should include not

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only the study of gender issues in relevant disciplines but also gender as a variable in teaching and learning styles.

The third goal was to improve the relationships between male and female students on the campus. This goal was introduced by the student members of the committee. In an era characterized by great changes in the roles of women, it is important that the University community reflect together on how these changes affect the relationships and expectations of both genders. There was lively and healthy debate in *The Observer*, in the residence halls and many other places about gender related issues and changing roles and expectations.

Of all the goals set by the committee, this was the least successful. In this complicated area of relationships, the dialogue has only begun. The values and practices of the larger society, the traditions and climate of Notre Dame, and the developmental concerns of young adults all contribute to the complexity of this issue. It will require much commitment and effort on the part of student leaders and the division of student affairs to improve the relationship between male and female students on campus.

The final goal was to address aspects of the Notre Dame environment which could be more inclusive and supportive of women. Since the University has had a coeducational undergraduate student body for only 19 years, some aspects of campus life still reflect the very long and strong male traditions.

There have been a few important and symbolic achievements. In February the Academic Council approved an inclusive language policy for the University. The committee followed up on this policy by providing inclusive language lectionaries for the liturgy committees in all of the residence halls. In May the Board of Trustees decided to remove the quota of 37 percent which had controlled the admission of undergraduate women to the University. Over the coming years this decision should bring about a more balanced student body which will affect the climate on campus both in the classroom and in social interactions.

Other issues which were discussed included: low percentage of senior faculty women and top level administrators, spousal hiring, child care, pay equity for women, exclusive language in the "Victory March," problems experienced by single employees, limited opportunities for women in liturgies and sexual harassment. While no definitive action was taken, we hope that individuals or other groups will pursue these issues to improve the climate for women at Notre Dame. The Faculty/Student Committee on Women is one appropriate locus of such activity.

The Year of Women was a high profile event at the University, and most people were aware that it was taking place even if they attended no events or had no sense of its goals.

We hope that the Year of Women has had a consciousness raising effect on the University community. Gender roles and the contributions of women are important issues in the global community, in our American society and in this University.

It has been a topic of frequent discussion this year whether the Year of Women would be just a "flash in the pan" or whether it would mark some long-term change at Notre Dame. The jury is still out on this question and only time and history will be able to render a verdict.

Submitted by,

Dr. Eileen Kolman
August 13, 1991

Appendix A The Year of Women Committee

Charlotte Ames, University Libraries
Greg Bazan, Graduate Student, Electrical Engineering
Joris Binder, O.P., Rector
Helen Bowers, Business Administration
Regina Coll, C.S.J., Theology
Missy Conboy, Athletics
Catherine Cory, O.S.F., Graduate Student, Theology
Deborah Craycraft, Center for the Study of Contemporary Society
Marie Gerencher, Alumni Association
Velma Harris, Administrative Computing
George Howard, Arts and Letters
Eileen Kolman, Dean, Freshman Year of Studies, Chair
Leone Michel, Ladies of Notre Dame/Saint Mary's
Kathie Newman, Science
Stephen Newton, C.S.C., Rector and Campus Ministry
Teresa Phelps, Law
Lynn Ramsay, Sophomore, Arts and Letters
Carol Seager, University Health Services
Sharon Veith, Human Resources
Julie Wright, Junior, Business Administration
Susan Youens, Arts and Letters

Documentation

The Year of Women Subcommittees

Arts and Literature

- * Charlotte Ames, University Libraries
- * Velma Harris, Administrative Computing
- Paula Higgins, Arts and Letters
- * Susan Youens, Arts and Letters, Chair

Careers, Roles and Barriers

- Kitty Arnold, Career and Placement Services
- Cindy Bowen, Ladies of Notre Dame/Saint Mary's
- * Helen Bowers, Business Administration, Chair
- * George Howard, Arts and Letters
- Marty Kenahan, Ladies of Notre Dame/Saint Mary's
- * Leone Michel, Ladies of Notre Dame/Saint Mary's
- * Sharon Veith, Human Resources

Health, Recreation and Safety

- David Austin, Security
- * Deborah Craycraft, Center for the Study of Contemporary Society
- Lisa Dahl, Risk Management and Safety
- Sally Derengoski, Non-Varsity Athletics
- * Marie Gerencher, Alumni Association
- Janice McQuere, University Food Services
- * Carol Seager, University Health Services, Chair
- Wendy Settles, University Counseling Center

Politics, Legal Issues, Media and Economics

- * Missy Conboy, Athletics
- * Teresa Phelps, Law, Chair

Science, Engineering and Technology

- * Greg Bazan, Graduate Student, Electrical Engineering
- * Catherine Cory, O.S.F., Graduate Student, Theology
- * Kathie Newman, Science, Chair
- Elaine Tracy, Freshman Year of Studies
- Laura van Wormer, Graduate Student, Physics
- Stacy Wenzel, Freshman Year of Studies

Spirituality, Religion and Education

- * Regina Coll, C.S.J., Theology, Chair
- Lisa Keckler, Senior, Arts and Letters
- Louise Litzinger, Freshman Year of Studies
- Mary Aquin O'Neill, R.S.M., Theology
- Michelle Prah, C.S.J., Rector
- Ann Seckinger, Ladies of Notre Dame/Saint Mary's

Student Life and Relationships

- * Joris Binder, O.P., Rector, Chair
- * Stephen Newton, C.S.C., Rector and Campus Ministry
- * Lynn Ramsay, Sophomore, Arts and Letters
- * Julie Wright, Junior, Business Administration

* Member, Year of Women Committee

Summary Annual Reports

Health Plus, HMO

This is a summary of the annual report for the Health Plus HMO, employer number 35-0868188, for the plan year January 1, 1990, through December 31, 1990. The annual report has been filed with the Internal Revenue Service as required under the Employee Retirement Income Security Act of 1974 (ERISA).

INSURANCE INFORMATION:

Health Plus HMO provides benefits for medical care as a Federally qualified Health Maintenance Organization. During the plan year ending December 31, 1990, the University and the employees choosing this optional health care coverage paid \$955,510.00 in premiums.

YOUR RIGHT TO ADDITIONAL INFORMATION:

You have the right to receive a copy of the full annual report or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the plan administrator: Roger V. Mullins, Director, Department of Human Resources, University of Notre Dame, Notre Dame, Indiana 46556; (219) 239-5900.

Under the provisions of ERISA you have the right to receive from the plan administrator upon request, and at no charge, a statement of the assets and liabilities of the plan and accompanying notes. If you request a copy of the full annual report, these statements will be included with it.

You also have the legally protected right to examine the annual report at the main office of the plan which is the Department of Human Resources, Brownson Hall, University of Notre Dame, Notre Dame, Indiana 46556; and at the U.S. Department of Labor in Washington, D.C., or to obtain a copy from the U.S. Department of Labor upon payment of copying costs. Requests to the U.S. Department of Labor should be addressed to: Public Disclosure Room, N4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, D.C. 20216.

TIAA/CREF Tax Deferred Annuity

This is a summary of the annual report for the TIAA/CREF Tax Deferred Annuity Plan, employer number 35-0868188, for the plan year January 1, 1990, through December 31, 1990. The annual report has been filed with the Internal Revenue Service as required under the Employee Retirement Income Security Act of 1974 (ERISA).

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BASIC FINANCIAL INFORMATION:

Benefits under the plan are provided by individually owned, fully vested annuity contracts issued by Teachers Insurance and Annuity Association and the College Retirement Equities Fund. The total payments paid for this plan year ending December 31, 1990, were \$1,640,866.09. A total of 468 persons were participants in or beneficiaries of the plan at the end of the plan year, although not all of these persons had yet earned the right to receive benefits.

YOUR RIGHT TO ADDITIONAL INFORMATION:

You have the right to receive a copy of the full annual report or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the plan administrator: Roger V. Mullins, Director, Department of Human Resources, University of Notre Dame, Notre Dame, Indiana 46556; (219) 239-5900.

Under the provisions of ERISA you have the right to receive from the plan administrator upon request, and at no charge, a statement of the assets and liabilities of the plan and accompanying notes. If you request a copy of the full annual report, these statements will be included with it.

You also have the legally protected right to examine the annual report at the main office of the plan which is the Department of Human Resources, Brownson Hall, University of Notre Dame, Notre Dame, Indiana 46556; and at the U.S. Department of Labor in Washington, D.C., or to obtain a copy from the U.S. Department of Labor upon payment of copying costs. Requests to the U.S. Department of Labor should be addressed to: Public Disclosure Room, N4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, D.C. 20216.

Group Life Insurance

This is a summary of the annual report for the Group Life Insurance Plan, employer number 35-0868188, for the plan year January 1, 1990, through December 31, 1990. The annual report has been filed with the Internal Revenue Service as required under the Employee Retirement Income Security Act of 1974 (ERISA).

INSURANCE INFORMATION:

The plan has a contract with the Equitable Life Assurance Society of the United States to pay all claims incurred under the terms of the plan. The total premiums paid for the plan year ending December 31, 1990, was \$635,898.00.

YOUR RIGHT TO ADDITIONAL INFORMATION:

You have the right to receive a copy of the full annual report or any part thereof, including insurance information,

on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the plan administrator: Roger V. Mullins, Director, Department of Human Resources, University of Notre Dame, Notre Dame, Indiana 46556; (219) 239-5900.

Under the provisions of ERISA you have the right to receive from the plan administrator upon request, and at no charge, a statement of the assets and liabilities of the plan and accompanying notes. If you request a copy of the full annual report, these statements will be included with it.

You also have the legally protected right to examine the annual report at the main office of the plan which is the Department of Human Resources, Brownson Hall, University of Notre Dame, Notre Dame, Indiana 46556; and at the U.S. Department of Labor in Washington, D.C., or to obtain a copy from the U.S. Department of Labor upon payment of copying costs. Requests to the U.S. Department of Labor should be addressed to: Public Disclosure Room, N4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, D.C. 20216.

Acordia Collegiate Benefits, Inc. (Blue Cross and Blue Shield of Indiana)

This is a summary of the annual report of the Mutual Medical Insurance Plan for the University, employer number 35-0868188, for the plan year January 1, 1990, through December 31, 1990. The annual report has been filed with the Internal Revenue Service as required under the Employee Retirement Income Security Act of 1974 (ERISA).

INSURANCE INFORMATION:

By contract Acordia Collegiate Benefits, Inc., pays specified hospital, surgical and major medical claims. Because the University's contract is "experience-rated," the premium costs are affected by the number and size of paid claims.

During the plan year ending December 31, 1990, a total of \$5,016,391.60 in premiums was paid. During the same period Acordia Collegiate Benefits, Inc., paid \$3,879,698.18 in claims. Claim reserves decreased by \$287,055.68 and there were \$470,407.43 in other expenses.

YOUR RIGHT TO ADDITIONAL INFORMATION:

You have the right to receive a copy of the full annual report or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the plan administrator: Roger V. Mullins, Director, Department of Human Resources, University of Notre Dame, Notre Dame, Indiana 46556; (219) 239-5900.

Documentation

Under the provisions of ERISA you have the right to receive from the plan administrator upon request, and at no charge, a statement of the assets and liabilities of the plan and accompanying notes. If you request a copy of the full annual report, these statements will be included with it.

You also have the legally protected right to examine the annual report at the main office of the plan which is the Department of Human Resources, Brownson Hall, University of Notre Dame, Notre Dame, Indiana 46556; and at the U.S. Department of Labor in Washington, D.C., or to obtain a copy from the U.S. Department of Labor upon payment of copying costs. Requests to the U.S. Department of Labor should be addressed to: Public Disclosure Room, N4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, D.C. 20216.

TIAA/CREF Retirement Annuity for Faculty and Administrators

This is a summary of the annual report for TIAA/CREF Retirement Annuity Plan, employer number 35-0868188, for the plan year January 1, 1990, through December 31, 1990. The annual report has been filed with the Internal Revenue Service as required under the Employee Retirement Income Security Act of 1974 (ERISA).

BASIC FINANCIAL STATEMENT:

Benefits under the plan are provided by individually owned, fully vested annuity contracts issued by Teachers Insurance Annuity Association and the College Retirement Equities Fund. The total payments paid for this plan year ending December 31, 1990, were \$6,900,425.02. A total of 1,090 persons were participants in or beneficiaries of the plan at the end of the plan year, although not all of these persons had yet earned the right to receive benefits.

YOUR RIGHT TO ADDITIONAL INFORMATION:

You have the right to receive a copy of the full annual report or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the plan administrator: Roger V. Mullins, Director, Department of Human Resources, University of Notre Dame, Notre Dame, Indiana 46556; (219) 239-5900.

Under the provisions of ERISA you have the right to receive from the plan administrator upon request, and at no charge, a statement of the assets and liabilities of the plan and accompanying notes. If you request a copy of the full annual report, these statements will be included with it.

You also have the legally protected right to examine the annual report at the main office of the plan which is the Department of Human Resources, Brownson Hall, University of Notre Dame, Notre Dame, Indiana 46556; and at the U.S. Department of Labor in Washington, D.C., or to obtain a copy from the U.S. Department of Labor upon payment of copying costs. Requests to the U.S. Department of Labor should be addressed to: Public Disclosure Room, N4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, D.C. 20216.

Partners National Health Plan, HMO

This is a summary of the annual report for Partners National Health Plan, HMO, employer number 35-0868188, for the plan year January 1, 1990, through December 31, 1990. The annual report has been filed with the Internal Revenue Service as required under the Employee Retirement Income Security Act of 1974 (ERISA).

INSURANCE INFORMATION:

Partners National Health Plan, HMO, provides benefits for medical care as a Federally qualified Health Maintenance Organization. During the plan year ending December 31, 1990, the University and the employees choosing this optional health care coverage paid \$1,527,949.00 in premiums.

YOUR RIGHT TO ADDITIONAL INFORMATION:

You have the right to receive a copy of the full annual report or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the plan administrator: Roger V. Mullins, Director, Department of Human Resources, University of Notre Dame, Notre Dame, Indiana 46556; (219) 239-5900.

Under the provisions of ERISA you have the right to receive from the plan administrator upon request, and at no charge, a statement of the assets and liabilities of the plan and accompanying notes. If you request a copy of the full annual report, these statements will be included with it.

You also have the legally protected right to examine the annual report at the main office of the plan which is the Department of Human Resources, Brownson Hall, University of Notre Dame, Notre Dame, Indiana 46556; and at the U.S. Department of Labor in Washington, D.C., or to obtain a copy from the U.S. Department of Labor upon payment of copying costs. Requests to the U.S. Department of Labor should be addressed to: Public Disclosure Room, N4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, D.C. 20216.

Documentation

TIAA Group Disability

This is a summary of the annual report of the University of Notre Dame's TIAA Group Disability Benefit Plan for faculty and administrative staff, employer number 35-0868188, for the plan year September 1, 1990, through December 31, 1990. The annual report has been filed with the Internal Revenue Service as required under the Employee Retirement Income Security Act of 1974 (ERISA).

INSURANCE INFORMATION:

The plan has a contract with the Teachers Insurance and Annuity Association (TIAA) to pay all claims incurred under the terms of the plan. The total premiums paid for the period ending December 31, 1990, were \$34,488.03.

YOUR RIGHT TO ADDITIONAL INFORMATION:

You have the right to receive a copy of the full annual report or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the plan administrator: Roger V. Mullins, Director, Department of Human Resources, University of Notre Dame, Notre Dame, Indiana 46556; (219) 239-5900.

Under the provisions of ERISA you have the right to receive from the plan administrator upon request, and at no charge, a statement of the assets and liabilities of the plan and accompanying notes. If you request a copy of the full annual report, these statements will be included with it.

You also have the legally protected right to examine the annual report at the main office of the plan which is the Department of Human Resources, Brownson Hall, University of Notre Dame, Notre Dame, Indiana 46556; and at the U.S. Department of Labor in Washington, D.C., or to obtain a copy from the U.S. Department of Labor upon payment of copying costs. Requests to the U.S. Department of Labor should be addressed to: Public Disclosure Room, N4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, D.C. 20216.

Travel Accident Insurance

This is a summary of the annual report of the University Travel Accident Insurance Plan, employer number 35-0868188, for April 22, 1990, through April 21, 1991. The annual report has been filed with the Internal Revenue Service as required under the Employee Retirement Income Security Act of 1974 (ERISA).

INSURANCE INFORMATION:

Benefits under the plan are provided through a group contract issued by the Federal Insurance Company. The total premiums paid for the plan year ending April 21, 1991, were \$10,207.00.

YOUR RIGHT TO ADDITIONAL INFORMATION:

You have the right to receive a copy of the full annual report or any part thereof, including insurance information, on request. To obtain a copy of the full annual report, or any part thereof, write or call the office of the plan administrator: Roger V. Mullins, Director, Department of Human Resources, University of Notre Dame, Notre Dame, Indiana 46556; (219) 239-5900.

Under the provisions of ERISA you have the right to receive from the plan administrator upon request, and at no charge, a statement of the assets and liabilities of the plan and accompanying notes. If you request a copy of the full annual report, these statements will be included with it.

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The Graduate School Research Division

Current Publications and Other Scholarly Works

Current publications should be mailed to the Research Division of the Graduate School, Room 312, Main Building.

COLLEGE OF ARTS AND LETTERS

Economics

Kim, Kwan S.

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Brogan, Jacqueline V.

J.V. Brogan. 1991. Poem. Chaos Theory. *Bellingham Review* 14(1):18.

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A.K. Dowty. 1991. Breaking with the Past: The Curious Role of Israel in the Gulf War. *Diplomacy* 17(May, 1991):33-35.

Lopez, George A.

G.A. Lopez. 1991. Teaching About the Future of U.S.-Soviet Relations. *International Studies Notes* 16(2):45-49.

Theology

Ford, J. Massynbaerde

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Koernke, Theresa

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Biological Sciences

Fraser, Malcolm J., Jr.

H.H. Wang and M.J. Fraser, Jr. 1991. Direct Double-Stranded DNA Sequencing with Baculovirus Genomes. *Journal of Virological Methods* 31:113-118.

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Beltrametti, Mauro C.

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The Graduate School Research Division

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J.A. Brown, F.D. Becchetti, J.W. Jänecke, K. Ashktorab, D.A. Roberts, J.J. Kolata, R.J. Smith, K. Lamkin and R.E. Warner. 1991. Coulomb Excitation of ^8Li . *Physical Review Letters* 66:2452-2455.

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G. Moller, E. Trabert, P.H. Heckmann, P. Mokler and A.E. Livingston. 1991. Quest for Experimental M1 and E1 Intercombination Transition Probabilities in Few-Electron Xe Ions. *Zeitschrift für Physik D* 18:223-229.

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Chemical Engineering

Kantor, Jeffrey C.

J.C. Kantor, A. Elias-Juarez and A. Ajbar. 1991. Multivariable Control with Integrated Diagnostics for Chemical Processes. Pages II. 3.1-II. 3.15 in, *Proceedings of the 4th International Symposium on Process Systems Engineering*. University of Waterloo, Waterloo, Ontario, Canada.

L. Poslavsky and J.C. Kantor. 1991. Sliding Mode Control of an Exothermic Continuous Stirred Tank Reactor. Pages 2872-2885 in, *Proceeding of the 1991 American Control Conference*. American Automatic Control Council, Evanston, Illinois.

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Civil Engineering and Geological Sciences

Gray, William G.

See under Westerink, Joannes A. 1991. *Reviews in Geophysics Supplement*(April):210-217.

Westerink, Joannes A.

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COLLEGE OF BUSINESS ADMINISTRATION

Accountancy

Rivera, Juan M.

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J.M. Rivera, K.P. Jameson, K.S. Kim and L.A. Tavis. 1991. Comunicación Entre Gobierno y Transnacionales: Una Comparación de México y Corea. *El Trimestre Económico* 58(229):213-232.

Finance and Business Economics

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LAW SCHOOL

Seckinger, James H.

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Notre Dame

R E P O R T

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