

Notre Dame

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Appointments

George A. Lopez, professor of government and international studies and faculty fellow in the Kroc Institute, has been appointed acting Regan director of the institute for the coming year. Lopez, who directs undergraduate students for the Kroc Institute, has been a member of the University's faculty since 1986. His teaching and research concern repression, human rights monitoring, problems of peace research, and ethical assessments of war and other forms of violence. His articles and reviews have appeared in Chitty's Law Journal, International Studies Quarterly, Human Rights Quarterly and the Bulletin of the Atomic Scientists, on whose editorial board he serves. He has also been a consultant to several human rights organizations and with U.S. agencies interested in assessments of human rights in democratizing countries.

Andrew H. Malcolm, author and New York Times columnist, has been named W. Harold and Martha Welch Visiting Professor of American Studies for 1992-93. As Welch professor, Malcolm will teach two classes each semester, beginning in the fall with "Canada and The United States: Best Friends, Like It or Not" and "Writing and Ethics." Malcolm will draw on 25 years of experience as New York Times foreign correspondent, editor, national affairs correspondent and twice-weekly columnist. He is the author of eight books, including *The Canadians*, a best-selling profile of Canada and its political, economic and cultural relationship with the United States. He is also the author of the textbook, The Land and People of Canada. His other books include Final Harvest: An American Tragedy, This Far and No More, Someday, U.S. 1: America's Original Main Street and the forthcoming "Huddles: Fathers, Sons, and Football." A 1962 graduate of Culver Military Academy in Indiana, he holds bachelor's and master's degrees in journalism from Northwestern University.

Thomas P. Bergin, director emeritus of the Center for Continuing Education and professor of management, was selected by the National-Standard Foundation Scholarship Program to serve on the Scholarship Review Committee for the fourth consecutive year. The scholarship candidates are selected from five regions throughout the United States along with one international selection.

Honors

Morton S. Fuchs, chairman and professor of biological sciences, has been awarded the 1992 Shilts/Leonard Teaching Award for the College of Science. The award, instituted in 1983 to recognize outstanding teaching, memorializes Rev. James L. Shilts, a longtime Notre Dame astronomy and astrophysics professor who died in 1982. The award was endowed by Eugene T. Leonard Jr., a surgeon and 1940 alumnus of the University.

Stephen M. Hayes, associate librarian, has been appointed to the American Library Association's Committee on Access to Information.

Barry Keating, chairman and Jones professor of finance and business economics, has been appointed to a two-year term as a Heritage Foundation Salvatori Fellow.

Gilburt D. Loescher, professor of government and international studies, has been appointed a member of the advisory committee of International Experts to the United Nations High Commissioner for Refugees, Sadako Ogata.

Alven Neiman, assistant dean and concurrent assistant professor in the arts and letters core course, received an honorable mention for the Frank O'Malley Undergraduate Teaching award, April 8. He was also appointed as a member of the program committee for meetings of the Association for the Philosophy of Education to be held in conjunction with the Eastern Division Meeting of the American Philosophical Association in December.

William O'Rourke, associate professor of English, was given the Penrod Award for the best feature story, long essay category, for "Of Judges and G-Strings" published by Arts Indiana magazine during the year 1991. The award is sponsored by Arts Indiana magazine and the Penrod Society of Indianapolis and was presented in Indianapolis, Ind., April 26.

Roger B. Skurski, associate dean of arts and letters, director of the Center for the Study of Contemporary Society and professor of economics, was presented with a crystal bowl and plaque naming him Executive Secretary Emeritus in recognition of more than 10 years of work as executive secretary of the Association of Comparative Economic Studies at its annual membership meeting in New Orleans, La., Jan. 4.

Steven E. Silliman, associate professor of civil engineering and geological sciences, has been named the College of Engineering's outstanding teacher for the 1991-92 academic year.

Donald E. Sporleder, professor of architecture, was reappointed in May to the Master Juror Committee for the National Council of Architectural Registration Boards for fiscal year 1993. The committee will pretest and set grading criteria and instructions for jurors for the 1993 Architects Registration Examination, Division C — Building Design vignettes — to be administered to candidates for licensure.

Thomas R. Swartz, professor of economics, has won the 1992 Sheedy award for excellence in teaching in the College of Arts and Letters.

Flint O. Thomas, associate professor of aerospace and mechanical engineering, has been appointed to the Fluid Dynamics Technical Committee of the American Institute of Aeronautics and Astronautics.

J. Kerry Thomas, Nieuwland professor of chemistry, has been appointed a Wilsmore Fellow of the School of Chemistry at the University of Melbourne in Melbourne, Australia.

Frederick D. Wright, assistant dean of arts and letters, director of African-American studies and assistant professor of international studies, was appointed for a three-year term to the College Board's Mellon Foundation Selection Committee for Advanced Placement Scholars. He participated in his first board meetings at the Office of the College Board in New York, N.Y., April 9-12.

Activities

Charlotte Ames, associate librarian, presented a paper titled "Jessica Powers: A Carmelite Contemplative Poet's Contribution to American Poetry" at a conference on "500 Years of Catholic Women Religious in the Americas" at the College of Saint Benedict in St. Joseph, Minn., April 28.

James O. Bellis, chair and associate professor of anthropology, was an invited discussant for the panel "Interdisciplinary Approaches to Understanding the Ancient Arts of Africa" at the ninth triennial symposium on African Art at the University of Iowa in Iowa City, Iowa, April 25.

William B. Berry, associate chairman and professor of electrical engineering, presented a report and testimony to the United States House of Representatives' Committee on Appropriations Subcommittee on Transportation and Related Agencies. The report covered recent advances in Radio Frequency Third Rail Deicing Technology and provided direction for implementation.

Sunny K. Boyd, assistant professor of biological sciences, presented a paper titled "Vasotocin Receptor Concentrations in Bullfrog Brain are Sexually Dimorphic" at the western regional conference on Comparative Endocrinology in Newport, Oreg., March 18-23.

Joan F. Brennecke, assistant professor of chemical engineering, presented an invited seminar titled "Solvent Effects on Reactions in Supercritical Fluids" at Dupont Experimental Station in Wilmington, Del., May 12.

Linda S. Buyer, assistant professor of psychology, presented the paper "Impulsivity as a Predictor of Problem Solving" at the American Psychological Society Convention in San Diego, Calif., June 22.

Francis X. Connolly, professor of mathematics, gave the opening lecture "A Survey of Cocompact Group Actions on $S^m \times R^n$ " at the 26th spring Topology Conference at the University of North Carolina in Charlotte, N.C., April 2. He gave a plenary lecture "Obstructions to Cocompact Group Actions on $S^m \times R^n$ " at the conference on the Structure of High Dimensional Manifolds at the University of Tennessee in Knoxville, Tenn., April 23.

Daniel J. Costello Jr., chairman and professor of electrical engineering, presented a seminar titled "Bandwidth Efficient Coding Standards for the 1990s" at the Department of Electrical and Computer Engineering Seminar at the Illinois Institute of Technology in Chicago, Ill., May 1.

George B. Craig Jr., Clark professor of biology, presented a paper "Does *Aedes epactius* Occur in Indiana?" at the annual meeting of the Indiana Vector Control Association in Columbus, Ind., March 8-10. He presented a paper, "Aedes albopictus: Current World Distribution" at the annual meeting of the American Mosquito Control Association in Corpus Christi, Tex., March 15-19. Craig gave the entomology seminar "Rapid Evolution of *Aedes albopictus* in the Americas" at the University of Wisconsin in Madison, Wis., April 29-30.

James T. Cushing, professor of physics and professor of philosophy, presented the paper "Physics: Its Principles, History and Philosophy" and gave an invited symposium talk "HPA in Science Education" held at Queen's University in Kingston, Ontario, Canada, May 11-15.

Biswajit Das, assistant professor of electrical engineering, presented the seminar "Novel Nanostructures for High Speed Device Applications" in the Department of Electrical Engineering at Carnegie Mellon University in Pittsburgh, Pa., April 10.

JoAnn DellaNeva, chairperson and associate professor of romance languages and literatures, gave the paper titled "The Fountain as Mirror and Source: An Aspect of Petrarchan and Ovidian Intertextuality in Scève's *Délie*" at the international congress on Medieval Studies at Western Michigan University in Kalamazoo, Mich, May 9.

Jay P. Dolan, professor of history and director of the Cushwa Center, delivered the Mullen Lecture "The Search for an American Catholicism, 1940-1980" at Saint Mary's Seminary in Cleveland, Ohio, April 26. He presented a paper on the theme of "Competing Strategies for Survival: The Catholic Experience" at the seminar "Minority Faiths in the American Protestant Mainstream" at Brandeis University in Waltham, Mass., April 29-30.

Dennis P. Doordan, associate professor of architecture, lectured on "Fortunato Depero's Futurism" in connection with an exhibition of drawings by Fortunato Depero in the Block Gallery at Northwestern University in Evanston, Ill., May 7. He presented "Italian Futurist Architectures" as part of a symposium on Italian and Russian Futurism held at Northwestern University, May 9.

William G. Dwyer, professor of mathematics, gave an invited lecture titled "No New Loop Spaces" at the Rochester-Ontario Topology Conference at the University of Rochester in Rochester, N.Y., April 25. He gave a lecture titled "Lie Groups and Finite Loop Spaces" as an invited plenary speaker at the international conference on Topology and Representation Theory held at Northwestern University in Evanston, Ill., May 1-5.

J. Massyngbaerde Ford, professor of theology, received a grant from the Association of Theological Schools. She presented the slides "The Call Girl in Antiquity and her Potential for Mission" to the Midwest Society of Biological Literature at Notre Dame, Ind., Feb. 18. She presented "Friend or Betrayer" at the Centre of Spirituality at Saint Mary's College, Notre Dame, Ind., April 15. She served on the panel: Women of Notre Dame in Notre Dame, Ind., April 12.

Mohamed Gad-el-Hak, professor of aerospace and mechanical engineering, was a juror in doctoral examinations at the Université de Grenoble in Grenoble, France, Sept. 24, and the Université de Marseille in Marseille, France, Dec. 12. Gad-el-Hak, delivered an invited seminar titled "The Arts and Sciences of Flow Control" at the Université de Marseille in Marseille, France, Dec. 13, at the Ecole Centrale de Lyon in Lyon, France, Feb. 3, at the Institute National Polytechnique in Genoble, France, March 19, at the Institut für Theorestische Physik, Technische Universität Dresden, Dresden, Germany, April 22, at the Technische Universität Berlin in Berlin, Germany, April 24, and at the Max Planck Institut in Göttingen, Germany, April 28.

Gregory I. Gellene, assistant professor of chemistry and biochemistry, gave an invited lecture titled "Symmetry Restrictions in Bimolecular Reactions: A New Kinetic Isotope Effect" at Cornell University in Ithaca, N.Y., May 19. He presented an invited talk titled "Classical Trajectory Calculation on the H₂/H₂+ System" at the ASMS national meeting in Washington, D.C., June 1. He gave the invited talk titled "Symmetry Restriction in Biomolecular Reactions: A New Kinetic Isotope Effect" at Georgetown University in Washington, D.C., June 3.

Benedict F. Giamo, assistant professor of American studies, as a featured performer, gave a reading of poetry, prose sketches and excerpts from an interview with Jerzy Kosinski to Writers and Other Troubadours in South Bend, Ind., March 3. He was interviewed by Dale Reese, WRBR Radio, regarding "The Social Context of Homelessness," Granger, Ind., April 5.

Denis Goulet, O'Neill professor of education for justice, served as moderator of two workshops "Brazil: Projects in Alternative Agriculture" and "Pamalakya: Community Organization in the Fisheries of the Philippines" at an international conference on "Living with the Earth — Cross-cultural Perspectives on Sustainable Development: Indigenous and Alternative Practices" sponsored by the International Institute of Montreal at the Centre d'Arts in Oxford, Quebec, Canada, April 30-May 3. Goulet served as resource person for the International Network for Cultural Alternatives to Development planning seminar which followed the conference, May 3.

David R. Hyde, assistant professor of biological sciences, presented an invited seminar titled "Molecular Genetic Analysis of Drosophila Phototransduction" at Johns Hopkins University in Baltimore, Md., March 10-12. He presented two posters at the annual Drosophila Conference in Philadelphia, Pa., March 12-16.

Thomas J. Jemielity, professor of English, delivered the paper "Mock-Biblical' and Eighteenth-Century Satire" at the annual meeting of the Johnson Society of the Central Region at the University of Michigan in Ann Arbor, Mich., April 25.

Prashant V. Kamat, associate professional specialist in the Radiation Laboratory, presented the papers "Electrode Surface Modification with ZNO and ZNO-CDS Semiconductor Colloidal Particles" and "Excited State Behavior of Fullerenes (C60 and C70) and their Reduction in Colloidal Semiconductor Suspensions" at the 181st Electrochemical Society Meeting in St. Louis, Mo., May 20-21.

Alan Gunn, professor of law, presented a paper titled "Legally Unenforceable Promises and the Law of Relational Contract" at the 1992 annual meeting of the American Law

and Economics Association held at the Yale Law School in New Haven, Conn., May 15-16.

Edward A. Kline, professor of English and director of the Freshman Writing Program, served as a judge for the annual Achievement Awards in Writing sponsored by the National Council of Teachers of English in June.

Julia F. Knight, professor of mathematics, presented the address "Algorithms Based on Guessing: Nested Priority Arguments" at the A.M.S. meeting at Springfield, Mo., March 21. She presented the colloquium talk "Complexity of Models of Arithmetic" at Dartmouth College in Hanover, N.H., May 14.

Paul McGinn, assistant professor of electrical engineering, and his students presented the talk "The Effect of Second Phase Additions on the Microstructure and Properties of Zone Melt Textured YBa2Cu3O_{6+X}" at the annual meeting of the American Ceramic Society in Minneapolis, Minn., April 13-16. He co-authored with his students the talk "Effect of (RE)2BaCuO5 Additions on Melt Textured YBa2Cu3O_{6+X} Microstructure" presented at the spring meeting of the Materials Research Society in San Francisco, Calif., April 29. He served as chairman of a proposal review committee to evaluate proposals to process high temperature superconductors aboard the space shuttle at NASA Headquarters in Washington, D.C., April 16.

Ralph M. McInerny, Grace professor of medieval studies, director of the Maritain Center and professor of philosophy, presented the Sesquicentennial lecture "Notre Dame and Dame Philosophy" at the University of Notre Dame, Notre Dame, Ind., April 27.

Anthony N. Michel, McCloskey dean and Freimann professor of engineering, Chin Hwa Kuo and William G. Gray, chairman and Massman professor of civil engineering and geological sciences, presented a paper titled "Sensor Placement for State Estimation in Contaminated Groundwater Systems" at the 23rd Simulation and Modelling Conference in Pittsburgh, Pa., April 30-May 1. Michel and Jie Si presented a paper titled "Shift Invariant Pattern Recognition by Associative Memory" at the 1992 IEEE International Symposium on Circuits and Systems which was held in San Diego, Calif., May 10-13. Michel and Kaining Wang presented a paper titled "Comparison Theory for General Motions of Dynamical Systems with Applications to Discrete Event Systems" and Michel and Gune Yen presented the paper "Unlearning Algorithm in Associative Memories: The Eigenstructure Method" at that symposium.

Kevin M. Misiewicz, assistant chairman and associate professor of accountancy, gave the presentation "LEXIS/ NAARS/NEXIS: A Database for All Seasons of Accounting" at the western regional meeting of the American Accounting Association in San Jose, Calif., May 1.

Leonard E. Munstermann, associate faculty fellow in biological sciences, presented a photo salon at the plenary session and an invited symposium address titled "Tracking International Movements of Mosquito by Molecular Methods" at the American Mosquito Control Association national meetings at Corpus Christi, Tex., March 15-19. He presented a poster titled "Genomic Rearrangement in Aedes Mosquito Evolution" at the MacArthur Foundation Conference on Disease Vectors in Santa Cruz, Calif., April 1-7. He presented the plenary address "Global Development and Future Prospects in Medical Entomology" at Japan Soc. Medical Entomology in Yokohama, Japan. He presented a departmental seminar titled "Genetics of Mosquito with Emphasis on Aedes albopictus" at the Saga Japan University, Japan, April 8-29.

Alven Neiman, assistant dean and concurrent assistant professor in the arts and letters core course, delivered a paper titled "Education and Some Types of Irony" as part of an invited symposium on "Gaps: Neglected Concepts in Educational Theory" at the annual meeting of the American Educational Research Association held in San Francisco, Calif., April 20.

Walter Nugent, Tackes professor of history, gave interviews on Pat Kenny show, Irish Radio (RTE 1) on the American primary elections, Feb. 21 and March 11. He lectured on Columbus and transatlantic migration (1870-1914) and "The New Western History" at the University of Genoa, Italy, March 18-19. He presented lectures on Populism and environmental history at the University of Turin, Italy, March 20. Nugent read comments at a session on history of mortality at the meeting of Organization of American Historians in Chicago, Ill., April 3. He presented the paper "Where Does the American West Begin? A Report on a Survey" at a joint meeting of the Irish and British Associations for American Studies at Queen's University in Belfast, Northern Ireland, April 11.

William O'Rourke, associate professor of English, was a judge for the literature panel of the Indiana Arts Commission which selected the winners of individual fellowships for creative writers throughout the state in Indianapolis, Ind., April 28-29.

Joseph E. O'Tousa, assistant professor of biological sciences, presented a talk titled "Molecular Analysis of the Drosophila Retinal Degeneration Genes rdgB and rdgC" in the NIBB Conference titled "Drosophila Visual System — From Gene to Function" in Okazaki, Japan, March 16-21. He presented "Retinal Degeneration in Drosophila rdgC Results from Defective Novel Serine/Threoneae Protein Phosphatase" at the Association for Research in Vision and Ophthamology meeting in Sarasota, Fla., April 28-May 9.

Teresa Godwin Phelps, professor of law, gave the invited lecture titled "Law and Literature: Reading As If for Life" at City University in London, England, May 1. She presented the invited lecture titled "The Uses of Literature in the World of Law" at the Institute of Advanced Legal Studies at the University of London, London, England, May 4.

Joseph M. Powers, assistant professor of aerospace and mechanical engineering, chaired a session on Diffusion Flame at the central states meeting of the Combustion Institute held at Ohio State University in Columbus, Ohio, April 26-28. He presented the paper "Methodology and Analysis for Determination of Propagation Speed of High-Speed Propulsion Devices" at that meeting.

James H. Seckinger, director of the National Institute for Trial Advocacy and professor of law, served as program coordinator and a faculty member for the NITA/Skadden, Arps, Meagher & Flom Law Firm Deposition Program in New York, N.Y., April 23-24. He gave a lecture to the faculty on Effective Teaching Techniques.

Adolph L. Soens, associate professor of English, presented "Pisgah, Cattle and Texas Rangers: McMurtry's Vision of the Trail Drive in *Lonesome Dove*" at the program Let's Talk About It, NEH, ICH, at the Middlebury Public Library in Middlebury, Ind., March 31.

Billie F. Spencer Jr., associate professor of civil engineering and geological sciences, co-authored the papers "Determination of Tire-Wheel Interface Loads for Aircraft Wheels" and "Distribution of Crack Sizes: Solution of the Forward Kolmogorov Equation" at the 33rd Structures, Structural Dynamics and Materials Conference in Dallas, Tex., April 13-15.

Donald E. Sporleder, professor of architecture, held an exhibition of his Rome Program sketches and drawings in Harrigan Hall Gallery, Andrews University, Berrien Springs, Mich., during April. In conjunction with the exhibit he gave an invited talk "Architectural Drawing and Notre Dame Rome Program Sketches" at the Department of Architecture at Andrews University, April 11. He presented a series of illustrated talks on urban forestry "Putting Roots in Your Community" to various local community groups in March and April. The series was part of the Indiana Department of Natural Resources, "Re-leaf Indiana" program and concluded with Arbor Day youth group tree planting programs in Clay Township and Roseland Town parks, April 26.

Wilhelm F. Stoll, Duncan professor of mathematics, gave an invited address titled "Defect Relations for Meromorphic Maps on Parabolic Manifolds" in the conference on Complex Geometry and Mathematical Physics at Arkansas State University in State University, Ark., April 25-26.

Lee A. Tavis, Smith professor of business administration, participated in the international conference for Business Leaders titled "Ethics of Business in a Global Economy" and the inaugural meeting of the International Society of Business, Economics and Ethics in Columbus, Ohio, March 25-27. He presented a paper titled "Bifurcated Development and Multinational Corporate Responsibility" at the conference on International Perspectives on Business Ethics in Boston, Mass., March 31.

Edward Vasta, professor of English, delivered the paper "It Takes Two to Be Faithful: Translating Dante's *Vita Nuova*" at the 12th annual convention of the American Association of Italian Studies held at the University of North Carolina at Chapel Hill, N.C., April 9-12.

Dariusz M. Wilczynski, assistant professor of mathematics, gave the invited talk "Embedding Surfaces of Small Genus in 4-manifolds" in the Department of Mathematics at Indiana University in Bloomington, Ind., April 22.

Rev. Oliver F. Williams, C.S.C., associate provost and associate professor of management, presented "Social Responsibility in the New South Africa" to the College and University Research Consortium on South Africa at the Princeton Club in New York, N.Y., May 8.

Warren J. Wong, professor of mathematics, gave an invited address "Local Division Algebras and Some p-groups of Class 2" at the Algebra Day of Indiana University, the University of Cincinnati and the University of Notre Dame at Indianapolis, Ind., April 25.

Frederick D.Wright, assistant dean of arts and letters, director of African-American Studies and assistant professor of government and international studies, presented testimony to the U.S. House of Representatives Committee on Appropriations Subcommittee on Labor, Health, and Human Services, Education, and Related Agencies regarding the reauthorization of funding for Higher Education Programs aimed at providing opportunities for the traditionally underrepresented at the U.S. Capital in Washington, D.C., May 13.

Kwang-tzu Yang, Hank professor of aerospace and mechanical engineering, served on the Thermal Systems Research Initiation Award Review Panel of the National Science Foundation, May 3-4.

Ewa Ziarek, assistant professor of English, gave the paper "Kristeva and Levinas: Mourning, Ethics, and the Femine" and chaired the panel "Post-Modern Re-Mapping of Desire" at the "Passions, Persons, Powers" convention at the University of California in Berkeley, Calif., April 30-May 5.

Charge to the Class of 1992 E. William Beauchamp, C.S.C. May 15, 1992

These are days of mixed emotions for all of you. They are days of happiness and excitement; days of celebration and of looking ahead; days in which you can celebrate the fact that you have earned something that can never be taken from you. But, they are also days of saying good-bye and days to reflect upon the fact that great times shared with some of your closest friends will be fewer now as you scatter to all areas of our country and the world. It is a time of making plans to get together for that big game next fall, or at so-and-so's wedding, or in such-and-such a state. But, it is also a time when you realize that times together will never be quite the same as they have been during the last four years.

What we celebrate on Sunday in the A.C.C. should not be looked upon solely as the end of your undergraduate education. Nor, does it represent merely a beginning, because the beginning that we celebrate started a long time ago as you entered school for the first time. Rather, your graduation from Notre Dame marks the "end of the beginning," and what you choose to do with all that you have been given rests on your individual shoulders more squarely than ever before. More than ever, you will have to make the decisions about what route you will take on your future journey through life. In the beginning of your journey, many of the decisions were made for you. However, the time is here when you will have to take full responsibility for the goals that you choose, as well as how wholeheartedly you pursue those goals.

You are extremely fortunate, for you have been given the opportunity to prepare yourselves better than most young people for the challenges that await you. However, now it will be up to you whether or not you will take full advantage of all of the privileges that you enjoy; it is up to you whether or not you will take the lessons you learned in the classroom, in the chapels, at the grotto, in volunteer service, and from your friends and classmates, so that your years at Notre Dame will not have been in vain.

It is my hope that you will recognize all that you have been given, and that you will enthusiastically accept the challenges that await you — that you will be willing to dream of what is possible, and to pursue that dream wholeheartedly.

Over 450 years ago, a prayer was written that is attributed to Sir Francis Drake, the explorer, that I believe is particularly appropriate and poignant this night:

Disturb us, Lord, when
We are too well pleased with ourselves,
When our dreams have come true
BECAUSE WE DREAMED TOO LITTLE
When we arrived safely
BECAUSE WE SAILED TOO CLOSE TO SHORE.

Disturb us, Lord, when
With the abundance of things we possess
We have lost our thirst
For the abundance of life;
Having fallen in love with life,
We have ceased to dream of eternity.
And in our efforts to build a new earth,
We have allowed our vision
Of the new Heaven to dim.

Disturb us, Lord, to dare more boldly, To venture on wider seas Where storms will show your mastery; Where losing sight of land, WE SHALL FIND THE STARS.

We ask you to push back
The horizons of our hopes;
And to push us in the future
In strength, courage, hope and love.

The world that awaits you is a far from perfect place.

As we read today's newspapers, and watch the nightly newscasts, we cannot help but wonder if there are solutions for all of the ills that confront us today. If our world is to survive in the future, it will require people like yourselves to come up with the answers, and to provide the leadership that will prevent the victory of evil over good.

I do not mention this out of a morbid sense of fatalism, or out of some despair. Rather, I am filled with hope as I face you tonight. I cannot help but be filled with a sense of joy and excitement about the future.

You are the doctors, lawyers, scientists, teachers, engineers, business leaders, clergy, politicians, spouses and parents that will help us to determine the quality of life that awaits our world in the years to come.

You have acquired many of the basic tools and the foundation upon which to build a meaningful life. What you build with these tools is up to you. But, unless you say "Yes!" to the future, unless you always strive to achieve and to grow, your talents will become wasted and you will become stagnant.

You must be different. You must not be just a doctor, or just a lawyer, or teacher, or parent or spouse.

You must bring to your lives, and the lives of those around you, the love of God that Christ came to share with all of us.

Ultimately, you will not be judged by your brains, your beauty, your wealth, or your degree from Notre Dame; but rather by the rarer spiritual values such as charity, self-sacrifice, honor, honesty, a sense of fairness, and love. You cannot be satisfied with being like everybody else, you must strive for more, and demand more *OF* yourselves and *FOR* others. You cannot merely take the same paths travelled by everybody else. You must be willing to think new thoughts, to accept new challenges, and to proclaim openly that you are willing to be different, that you are *not* willing to accept the *status quo* merely because it is popular and the safest thing to do.

It is time to leave Notre Dame — to accept new challenges, to experience new worlds. But, hopefully, as you leave, you depart with a sense that there is something special about this place, and that you learned something about values and what is right.

I hope it is a place that you feel you can always turn to for guidance and perhaps even inspiration when tough decisions have to be made.

Thus, as you leave, I hope your roots to this place are strong, that Notre Dame will always be a place from which you can draw nourishment, that you will always be drawn back here for moments of prayer and reflection, as well as moments of joy and celebration.

My prayer for all of you tonight is that this LAST visit to the grotto and Sacred Heart Basilica will really be the FIRST of many to come in the days and years ahead.

May God be with you.

Baccalaureate Mass Homily

Fifth Sunday of Easter Rev. Edward A. Malloy, C.S.C. May 16, 1992

I once had a friend who was a wonderful person. Everyone enjoyed being in his company. He had a good personality and a quick wit. The only problem was he was an insufferable punster. In every conversation he would have two or three puns to contribute, much to the dismay of his friends. And we all tried to get the courage to confront this friend because he was driving us nuts. One day his father showed up on the scene, and I discovered that the son had a very minor case of punster disease!

As I grow older, I have come to appreciate more and more how like my parents I really am. And this is true not only in genetic terms, which seems obvious, but even more in attitudes and habits of life and ways of interacting with people. I see a little bit of my mother and my father in me. It is not that I am a robot or that other things are predetermined but rather that my parents have had a decided influence on the kind of person that I have become.

We know that in our society, family life and marriage and parenting are all experiencing severe strains. It is an act of extraordinary achievement to be involved consistently and patiently and lovingly in the life of another. Yet for all the difficulties we face in family life, there is no greater school of love available to us and no more important moment in our own development than the way that our parents or parent are able to lead us, encourage us and sometimes rebuke us.

At home, whatever form our home may take, we discover that love has more to do than simply being involved in a certain kind of attitude or good feeling. Rather, it has to engage the whole self for it requires of those who commit themselves to love and responsibility for others — for the next generation. It is a willingness to defer various kinds of gratification in order to be present day in and day out, in sickness, in preparation for schooling, in homework, in chauffeuring, in all of those daily tasks that are a test not only of our patience and our love, but also of our care over time for those who have been entrusted to us by God.

I really want to pay tribute to you parents, grandparents and family members here. For you see before you the work of your life, not the only work, but perhaps the most important one. For you have been there when it counted You have cared enough for your daughters and sons to invest some of your money and your time and lot of your support to bring them to the point where they could receive their degree on this occasion.

I hope you students recognize what has been required from your parents. Perhaps you will not be able to appreciate it fully until you're in a comparable situation yourselves.

We learned at home not only how to love but hopefully how to extend that love far beyond what we would be led to if left to our own initiative. We learned what it means to welcome the stranger in need. We learned the meaning of hospitality, especially when it is unexpected and a burden. We learned what it is like to be a member of a family over time. How many families would like to re-live all their family vacations, for example, with all that that demands? Think of the give and take in a situation of close living like that!

You have seen, for better or for worse, all that can be called forth from a person who cares deeply about another.

I hope and pray that you who will soon graduate have learned at Notre Dame to have an open mind and critical intelligence and a sensitive and compassionate spirit. Many of you have been involved in concrete forms of service to those in our own community. You have been involved as well in leadership roles using your creativity and initiative on behalf of others.

This is an extremely talented group.

Earlier today we held a sending ceremony for those who will commit themselves to a year or more of volunteer service someplace in the world. We held a commissioning for our ROTC officers. We have tried to recognize many of your achievements. We are intensely proud of you and we have great expectations for your future accomplishments.

We hear in the Gospel today that Jesus gave us a simple instruction, simple at least in one sense of the term. He gave us a commandment of love, so that we would love one another as God has first loved us. It seems that we ought to be able to put that into practice with a little willpower and initiative. Yet we recognize as we grow up that the world is not as we would wish it to be and there are many things awry. These are the forces, the stresses and the strains of life and of the everyday human experience.

Do we really believe that it is possible to have an agenda of love? Can we have an agenda for ourselves as unique individuals, or an agenda for the University as a place of scholarship and learning and service, or an agenda for the broader nation and world?

Who among us might discover a cure for cancer or heart disease or AIDS? Who can help us to discover a better way to provide health care for the broader population? Who can help us to analyze why our biases and prejudices and bigotry so often stand in the way of comprehending the plight of others?

Unfortunately, we have seen in the recent past, violence in the streets. It has called all kinds of things into question about the harmony and justice of our nation. Who will find the answer to unemployment, to decent housing, to an opportunity for education for all? Who will help us to recognize the futility of continuing to arm ourselves as we could be a perpetual vigilante force?

We need to find a better way, a more reliable way, of interacting. This nation has been undergoing for so much of its history, an extraordinary experience in democracy and interaction among peoples from a wide variety of backgrounds. Maybe we are finally coming to the place where we can recognize that we've only come so far, and that a lot stands in the way of our recognition of the reality of the situation of others and our interpretative scheme for understanding what we see.

This is a world that celebrates the breaking down of the Iron Curtain and yet we have seen in its aftermath nations tearing themselves apart by civil war and violence. They remember the terrible things that happened in the past, and they look for vengeance.

We recognize that so often in our own society women find themselves unable to walk safely along the streets or to exercise their proper role in the life of society and Church.

This is a group of bright, intelligent students in general, but we can say the same about the women among us. What kind of agenda of love can we discover so that we might overcome the barriers that divide us, whatever form they may take?

Who will get involved in leadership roles in government? Who will take their scholarship in the academy to help us find a better way?

Love without justice is cheap. It seems to come too easily. We say that our media dominate the airwaves and the movie screens of the world, and yet who can claim that what we present to the world is quality and culturally sophisticated?

Whenever we look, in the professions, in the leadership of businesses, in civic organizations, in government service, in the academy, we find opportunities to take the love we have found from our families, which we have tested out during our time here, and put it into practice in the concrete circumstances of the world in which we live.

My dream, my hope and my prayer for you is that through worship, and reflection, and through interaction with friends and families, you and all of us can clarify what our unique past is in this world, what God calls us to, and what it means to say that we have a particular, specific vocation from God. May we have the courage to live that out with all the risks that it may entail.

To you parents, I say thanks for all that you have done to prepare for this day. The last great gift that you can give to your children is to let them go their way without trying to restrain the energy and enthusiasm that is so uniquely theirs. Be with them, whatever the future may hold in store.

To you students, may the time that you have spent here at Notre Dame continue to be a blessing in your lives.

May the friendships that you have formed here last a lifetime.

And whatever you do, I hope you always come back and visit us.

May God bless you in the days and years ahead.

1992 Spring Commencement Honorary Degrees May 17, 1992

At the 147th Commencement
The May Exercises
The University of Notre Dame
confers the degree of
Doctor of Laws, honoris causa,
on

a statesman whose commitment to liberty and justice has restored peace and democracy to a bitterly divided nation. An accomplished jurist and professor of law, he has unflinchingly fought to promote the cause of the poor during his forty years of public service. We celebrate the courage and vision of one who has come to symbolize the quest for democracy and development in all of Latin America.

On Patricio Aylwin Azocar Santiago, Chile

At the 147th Commencement
The May Exercises
The University of Notre Dame
confers the degree
Doctor of Laws, honoris causa,

the leader of the free world in a time of democracy's ascendancy across the globe and the receding shadow of nuclear conflagration. Born to affluence but committed to public service, he has spent more than a quarter-century as congressman, ambassador to the United Nations, liaison to the People's Republic of China, director of the Central Intelligence Agency and vice president of the United States. The forty-first occupant of the White House, he has faced international and domestic challenge alike with personal integrity and a measured confidence born of faith in the resiliency of the Republic and its people.

On George Herbert Walker Bush Washington, District of Columbia At the 147th Commencement
The May Exercises
The University of Notre Dame
confers the degree of
Doctor of Laws, honoris causa,

a native of nearby Chicago and effective leader in the Texas House of Representatives since 1975. Convinced that education is key to affirming equal opportunity and civil rights for all Americans, she has labored for the passage of over one hundred laws and resolutions improving schooling at every level in the Lone Star State. Now as Speaker Pro Tempore of the Texas House, she exerts her influence on an even broader scale as a public servant of high ideals and common sense.

On Wilhelmina Ruth Fitzgerald Delco Austin, Texas

At the 147th Commencement
The May Exercises
The University of Notre Dame
confers the degree of
Doctor of Laws, honoris causa,

an accountant and apostle, professor and Provincial of a worldwide religious community. With vision and good judgment he has served the Church and Notre Dame for two decades as faculty, administrator, Trustee and Fellow. A person of intellectual depth and simple faith with a kindly yet keen wit, he effectively challenges commonplace networks of privilege, prejudice and power.

On Carl Finley Ebey Congregation of Holy Cross Notre Dame, Indiana

At the 147th Commencement
The May Exercises
The University of Notre Dame
confers the degree of
Doctor of Laws, honoris causa,

a woman of high intelligence and warm human sympathies. As executive director of the Association of Catholic Colleges and Universities, she successfully led Catholic higher education through a critical period in its history. Trained as a historian, this experienced college teacher and administrator accomplished her task not only with acute analytical skills but with a profoundly Christian passion for truth and justice.

On Alice Gallin Order of Saint Ursula Hyattsville, Maryland

At the 147th Commencement
The May Exercises
The University of Notre Dame
confers the degree of
Doctor of Science, honoris causa,
on

a scientist, educator, and administrator who has encouraged fruitful research in nuclear physics, high energy physics, and astrophysics. At Notre Dame's original nuclear physics laboratory, and later as Director of Brookhaven National Laboratory, he stimulated experimentation that laid the foundation for our modern understanding of the nature of matter. From his classic experiment on the helicity of neutrinos to his work with the 1987 supernova and beyond, this generous and creative investigator has been a constant inspiration to his colleagues.

On Maurice Goldhaber Upton, New York

At the 147th Commencement
The May Exercises
The University of Notre Dame
confers the degree of
Doctor of Laws, honoris causa,

an academician and public servant whose career shines with a commitment to economic justice for women and older

workers. An early model for women in many walks of life, she pioneered as the first female board member of the New York Stock Exchange, as Secretary of Commerce in the Carter administration, and as University vice president and holder of Duke's most prestigious chair in economics. Whatever her path, from boardroom to classroom, from Wall Street to the highest levels of government, she has shown how our nation can — and must — be at once competitive and compassionate.

On Juanita Morris Kreps Durham, North Carolina

At the 147th Commencement
The May Exercises
The University of Notre Dame
confers the degree of
Doctor of Laws, honoris causa,

a gifted writer and analyst whose insights on international affairs appear in *The New Yorker* and more than fifty metropolitan newspapers. His intelligent essays, nourished on this campus throughout the instruction of the legendary Frank O'Malley, illumine the policy and politics of the world's nations. From his longtime vantage point abroad he offers a fresh perspective on America's evolving national identity and its impact on international affairs.

On William Wendel Pfaff III Paris, France

At the 147th Commencement
The May Exercises
The University of Notre Dame
confers the degree of
Doctor of Engineering, honoris causa,

a brilliant mechanical engineer who is a giant in the crucial field of heat transfer. As Chancellor of the University of California at Berkeley, he is the first Asian-American to head a major university in the United States. Overseeing the most culturally diverse campus in the country, he has championed the conviction that multiculturalism is a means not a menace to educational excellence.

On Chang-Lin Tien Berkeley, California

Commencement Address

President George Bush May 17, 1992

Thank you, Father Malloy. It is really wonderful to be back here at Notre Dame. Whenever I visit the campus or meet a group of Notre Dame alumni, I feel this sense of family — and at Notre Dame that truly means more than just words; I think it's at the very core of what this institution is all about. And with this honorary degree that I am so very proud to have, I am proud to become a Domer. Thank you for the honor. Thank you for the privilege.

I want to salute all of the honorary degree recipients. A pleasure to be among such distinguished educators and public servants. I want to single out again Father Malloy, whose graciousness means a lot to me. A special greeting to the man we all respect so much, Chile's President Aylwin, who has done so much for democracy not just in Chile, but in our whole hemisphere. We're grateful to you, sir.

And another old friend I'm proud to share this dais with. He doesn't vote with me much; I don't vote with him much, but we're good friends and have been for a long time, and I respect him — Pat Moynihan — Pat, glad to be with you.

And may I pay my respects to the outstanding faculty of Notre Dame. They put up with a lot and have done a great job, I'll tell you.

And to our distinguished provost, don't worry, sir, there's a provost opening in a junior college just outside of Nome, Alaska. And I'm sure you'll qualify. But thank you for your warm introduction to me, thank you.

Now to the graduates. For you graduates, these have been four long years. But I first want to say — I want to congratulate — I don't know where they are, but the Class of 1992, and I want to pay a special tribute to the family — to the parents, the family members and the friends. At today's ceremony are a group of second generation Domers — 25 percent of the graduating seniors have a parent who attended Notre Dame. For you graduates, these have been four long, tough years. And now comes the hardest part — sitting through the commencement speech.

But Billy Graham put it very well when he told, after a speaker had gone on a long time — a man sitting over here where Pat is, picked up the gavel, heaved it at the guy that was speaking, missed him, clipped a lady in the front row, who said, "Hit me again. I can still hear him."

Let me first say I'm not here in the mode of politics, I'm here to tell you the values that I strongly believe in. Those

values can be summarized by the three major legacies that I certainly want to leave behind for my grandchildren — hopefully, for yours — jobs, both for today's workers who are actively seeking work and for graduates entering the work force; strong families, to sustain us as individuals, to nurture and encourage our children, and to preserve our nation's character and culture; and peace — peace around the world, on our streets, and in our schools, as well.

Yesterday, I spoke down at Southern Methodist where I focused on the economy and ability to generate jobs. Next week it will be the Naval Academy, when I focus on our hope for a more peaceful world.

Freedom has swept around the world. You heard Chile's president paying homage to that — from the snows of Siberia to the sands of the Gulf. Because we and our allies stood strong and principled, our children and our grandchildren now sleep in a world less threatened by nuclear war. That is dramatic change, and it's something good that we can take great pride in.

Now we must concentrate on change here in America as well — in ways no less dramatic or important. Were taking a fresh look at government and how we solve national problems. In Lincoln's words, "We must think anew, act anew."

Preparing young men and women for lives of leadership, service and meaning: Each is part of this fantastic Notre Dame tradition — a tradition that has generated a host of inspiring stories. I was particularly moved when I heard about Frank O'Malley's role in saving the bricks of your administration building. Most of you know the story — the masonry was deteriorating and some thought the time had come to replace it. Instead, Professor O'Malley reminded all who would listen, "These bricks contain the blood of everyone who helped to build Notre Dame."

Today, that 150-year heritage is fully yours, too. But your preparation began long before you walked in the shadow of the dome. Your parents instilled in you character and a moral bearing. They sacrificed so that you could experience the Notre Dame education — an education that's rooted in timeless faith and in a tradition of excellence; and in the process inculcating into each of you the worth of serving others.

I hope each of you has also made a commitment to helping others and attacking some of the major problems facing American society — become a mentor, a community organizer, a Point of Light.

At the heart of the problems facing our country stands an institution under siege. That institution is the American family. Whatever form our most pressing problems may take — ultimately, all are related to the disintegration of the family.

Let us look objectively at a few brief and sad facts. In comparison with other countries, the Census Bureau found that the United States has the highest divorce rate, the highest number of children involved in divorce, the highest teenage pregnancy rates, the highest abortion rates, the highest percentage of children living in a single-parent household, and the highest percentage of violent deaths among our precious young. These are not the kind of records that we want to have as a great country.

In Philadelphia the other day, in the inner city in what they call the Hill Area, I talked to a barber there, Mr Buice, who is one of the leaders of the community there. And I said, "Do these kids come from broken families?" He said, "Sir, it's a question of babies having babies." Tears coming into his eyes. We've got to do something about this. And unless we successfully reverse the breakdown of the American family, our nation is going to remain at risk.

Senator Moynihan, way back — way back, early in 1965, you gave us fair warning. You predicted with astonishing accuracy the terrible trends that would result from the breakdown of the family — and today, with respect, sir, you continue to sound the alarm. The senator and I agree, if America is to solve her social problems, we must, first of all, restore our families.

In addressing the problems associated with family breakdown, nothing is more critical than equipping each succeeding generation with a sound moral compass. As Notre Dame has expanded it has never lost sight of its profound spiritual mission. Indeed, this institution takes seriously its role in building the character of our young people and the strength of our families — for those are the leading indicators of our future as a culture.

When we instill faith in our youth, faith in themselves, faith in God — we give them a solid foundation on which to build their future.

As Pope John XXIII said, "The family is the first essential cell of human society." The family is the primary and most critical institution in America's communities.

In January — I'll never forget this meeting — I met with some mayors from America's League of Cities, including Mayor Tom Bradley of Los Angeles. They came together — small-town Republican mayor from North Carolina; middlesize city mayors; large-city mayors — and they told me of their concerns for their cities, their municipalities. But most of all, the mayors came together on one key point, and they were unanimous: Their major concern about the problems in the cities, in their view — the people on the front line — was the decline in the American family. One result of that meeting is this commission on America's urban families. And I hope it comes up with some good, positive, constructive answers.

It is clear that we all know that putting America's families back on track is essential to putting our country back on track. You may ask how we can proceed when we don't all agree on the causes of the problem or the remedies. I believe that one place to begin is by supporting Pope John Paul II's most recent encyclical calling for a new social climate of moral accountability in which to raise our children.

And leadership in that task can and should be led by the nation's churches — kids need to learn faith to help them understand the larger family. And we are one nation under God. And we must remember that. And we must teach that

Starting today, as you go from this fine institution to face the challenges of your adult life, the decisions you make will have one of two effects: either you will add to the problems of family breakdown or you will help rebuild the American family.

And you see, I am absolutely convinced that today's crisis will have to be addressed by millions of Americans at the personal, individual level for governmental programs to be effective. And the federal government, of course, must do everything it can do, but the point is government alone is simply not enough.

In my view, government can, and we must, provide parental choice of the best schools for our children, whether public, private or religious. The G.I. Bill says here's some money, go to the college of your choice. Choice should apply to all levels of education. Parents must read to their children and instill a love of learning. And government can, and we must, fight crime. But fathers and mothers must teach discipline and instill those values in their children. Government can, and we must, foster American competitiveness. But parents must teach their children the dignity of work and instill a work ethic in the kids.

And to paraphrase that fantastic philosopher, Barbara Bush — "What you teach at your house is more important than what happens at the White House." And she is absolutely correct on that.

All of us realize that merely knowing what's right is not enough. We must then do what's right. And today, I'm asking you to carefully consider the personal decisions that you'll make about marriage and about how you will raise your children. Ultimately, your decisions about right and wrong, about loyalty and integrity — and, yes, even self-sacrifice — will determine the quality of all the other decisions that you'll make.

And as you think about these decisions, remember: It is in families that children learn the keys to personal economic success and self-discipline and personal responsibility. And it is in families that children learn that moral restraint gives

us true freedom. It is from their families that they learn honesty and self-respect and compassion and selfconfidence.

And you would do well to consider the simple, but profound, words of Notre Dame's own Father Hesburgh when he said: "The most important thing a father can do for his children is to love their mother." Think how this vitally important commitment from fathers to mothers would radically transform for the better both the lives of thousands of our nation's hurting children and their struggling mothers as well.

In many respects, I feel here at Notre Dame that I'm preaching to the choir, because here at Notre Dame, you have benefited from the legions of great men and women of conviction and faith. And here, there is a tradition of passion for addressing the staggering needs of the day. And Notre Dame's Alumni Association is the prototype for other universities in sponsoring service projects and working toward the restoration of faith and the family in America.

In fact, at this very moment, the Notre Dame alumni group out there in Los Angeles is in the midst of a massive food and distribution project to assist residents affected by the violence in South Central L.A. And when that food is distributed and the riot-torn areas are rebuilt, I hope that the alumni group and thousands of others who are helping will stay involved in this and other urban areas. Government alone cannot do what needs to be done by itself. People who care must help.

And since becoming president I have had an opportunity to see a groundswell of Americans who are working — and working hard — to restore our nation's faith and heal the wounds that have undermined our nation's families.

These Americans are devoted to rebuilding, restoring America — from the ground up, family by family, home by home, community by community. And I was impressed to learn that more than two-thirds of Notre Dame's students participate in community service — two-thirds — ranging from working with the handicapped children at Logan Center to assisting former prisoners at Dismas House. And fully 10 percent of your graduates plan to go into social service careers. And to paraphase Pope John Paul II: "The ultimate test of your greatness is the way you treat every human being, but especially the weakest and the most defenseless ones."

Let me challenge all of you to find a place to serve in some capacity — definitely as models, but also as mentors — remember each of us has a contribution that only we can make. And let me remind you as you assume the mantles of tomorrow's leadership that children tend to shape their dreams in the images that they have seen. Show how a good education prepares one for a full, productive life.

Show what it means to be a person of strong principle and integrity. Demonstrate how concerned individuals, by working in partnership, can transform our communities and nation.

And lastly, in a society that can sometimes be cold and impersonal, bring warmth and welcome. In a fragmented society, be a force for healing. In a society cut off from moral and spiritual roots, cultivate grace and truth. And in the face of the uncertainties of the future, affirm your purpose and realize your promise. Together, we can lift our nation's spirit. And together we can give our material, political and economic accomplishments a larger, more noble purpose — to build God's kingdom here on earth.

There is no surer way to build our nations' future than with the mortar and bricks of moral values and strong families. If you will add your blood to the bricks, the future will echo, then as now, "Never bet against Notre Dame or against the United States of America."

Thank you all, and good luck to this class of 1992, and to the entire Notre Dame family. And may God bless our great country. Thank you very much.

Address

President Patricio Aylwin Azocar May 17, 1992

President Bush, Senator Moynihan, Father Malloy, Chairman Keough, ladies and gentlemen: I wish to express my deep appreciation for the honor conferred upon me by the University of Notre Dame. I receive it on the understanding that it distinguishes more than a humble citizen of my country, Chile, but the whole of my country.

Dear students, I am happy and grateful to be able to share with you this very special day in your lives filled with emotion and hope. I come from a country that just like your nation was born to republican life with a commitment to defend freedom and democracy. This endeavor has not been an easy one.

When the young people of my generation graduated from the university, the Western world was torn between the attraction and rejection of totalitarianism. The moral values — foundation for education — were crumbling down and then destruction and war broke out. We were struggling at the time so that Latin America should find a path of its own that favored democracy, the rights of the workers, social justice. But the ideals of revolution on one side and those of national security on the other undermined our democratic basis.

Then came authoritarianism. In those dark years faith in the ideals of our youth and the teaching of histories allowed us to stay within the cause of liberty that is the same as that of human dignity. We saw how slowly the world was emerging from silence, solidarity from fear, responsibility from shared aspirations, and without hatred or violence we said no to hatred and no to violence for the love of man and for his freedom.

One hundred fifty years ago a handful of priests came from Louisiana following upstream the Mississippi River and by those beautiful lakes they founded a community they called Notre Dame. They devoted themselves to the education of the young in the values set in the gospel of solidarity, freedom and justice. Their ideals spread through the world. This congregation has also served in Chile educating generations of Chileans among them my own children and grandchildren.

This University has fulfilled its commitment to democracy and respect for human rights. Chile has a debt of gratitude toward it which I acknowledge here today on behalf of all my people. You who are graduating today are the sons and heirs of this commitment to democracy such as the founding fathers of this great nation.

Democracy in Latin America is still an urgent challenge; poverty a constant threat. To ensure that liberty and justice prevail we have to defeat the poverty that afflicts millions of human beings. If we do not do such a thing there will be no stable peace. In this challenge the United States has a main role to play since the defense of democracy in the hemisphere demands greater opportunities for economic growth for the north as well as for the south. In Chile we believe that only by harmonizing the enforcement of the freedoms, the economic growth and social justice can we ensure the stability of our democracy. This is what we are trying to do.

Ladies and gentlemen, dear students, so that the world gets to be as the young have the right and a duty to dream of, it is indispensable that the infinite creativity of man be put to the service of the dignity of the human person. Many thanks.

Valedictory

Sarah J. McGrath May 17, 1992

Mr. President, Your Excellency, Father Malloy, distinguished members of the platform party, faculty, family, friends, and most especially my fellow graduates of the class of 1992:

Whether it be in the classroom or through our activities with local tutoring and the Homeless Shelter — we the graduates of 1992 have both witnessed and participated in Notre Dame's commitment to social justice. Today I wish to reflect on community, and its connection to politics, to ethics and to friendship. Community demands recognition of our responsibilities and interconnectedness on all levels: globally, nationally and locally. Community implies that both individual and group actions influence a web of relationships. I believe that Notre Dame recognizes that which community demands. Notre Dame recognizes that it must act for justice both inside and outside the University.

As graduates, we must extend what we have learned at Notre Dame to the communities we live in. Our experience of relationship has taught us that we must assess where we are and what we wish to become. Only then can we, as we leave Notre Dame, act for growth and change. How can our communities better foster justice? I would like to reflect on the potential for growth on the national and university levels. Such reflection enables us better to achieve justice, ethics and friendship.

It seems that in order to foster community, the United States must re-create its identity as a nation. Too often, we view ourselves as a self-contained political unit. Too often. our decisions reflect narrow self-interest. Too often, we condone the rule that nations must ultimately act in their own self-interests, whether or not such actions are harmful to others. In recent years, the failures of this approach to political problem-solving have become evident. The environmental crisis, for example, reveals that the actions of the United States' government, its corporations, and its consumers have far-reaching consequences for the world community. Our consumption of natural resources has effects beyond the borders of the 50 states. Yet we have failed to acknowledge our responsibility in this crisis, as seen in our refusal to develop alternate energy resources. But clearly, community requires that we dialogue and work with those groups who might be harmed by our actions. We as a people must accept the responsibilities implicit in a new vision of ourselves as a nation interconnected to all other nations. The United States can no longer call itself the "victor of the Cold War" — or the one remaining "superpower." Such rhetoric does not be peak the interconnectedness of all peoples. Such rhetoric is self-congratulatory and divisive.

As a member of the global community, the Unites States should learn that its future is linked to the future of other nations. We must embrace the responsibilities entailed in our connection to all peoples.

We cannot, however, effectively contribute to global community if we as a nation do not build domestic community. One question we must ask ourselves is: Why are "liberty and the pursuit of happiness" more accessible to some groups than to others? We are a people divided along economic, sexual and racial lines. Those born into the right neighborhoods have unlimited advantages over other born only blocks away. Skin color or sex often determines access to opportunity and development. The tragedy of the Rodney King verdict and the events which followed demand that each of us recognize how we contribute to the violence of oppression. Martin Luther King insisted that it is the silence of the good people that makes for an unjust society. We must no longer be silent. Community requires that all of us acknowledge our culpability in the oppression of others. We must all strive inside and outside our homes, workplaces, and neighborhoods to end discrimination and oppression. Government can lead the way in fostering community: It ought to dedicate more of its resources to our children, our education and our cities. We as a nation can build community by accepting our responsibility for economic and social injustice. We can build community only by first destroying the unjust barriers which divide us.

We the graduates must also ask ourselves how Notre Dame might improve its community. "What prejudices divide us? And whose voices are not listened to?" Two groups come to mind: I think of people of color and of the gay and lesbian community. These groups face discrimination by the community at large. How many of us have participated in or felt the disease of race relations on campus? Whether it be at Bookstore Basketball, in the dining hall or in our residence halls? So too, are we willing to acknowledge our prejudices toward gay and lesbian individuals? All of us at Notre Dame are responsible for ending discrimination against these persons. Only when we act for change will we be a community marked by inclusion, not by exclusion. Once again, as with our nation, community demands that we acknowledge our need to listen and work with the other. Before we at Notre Dame can have unity in our differences, we must first have dialogue in our differences.

Furthermore, Notre Dame continually promotes family and family values. Yet neither faculty members, nor University employees, have access to maternal or paternal leave. Our community also lacks a campus child-care program. Such services are requisite here at Notre Dame, and in our nation at large, for protection and maintenance of the family. Thus, Notre Dame must act to foster an environment more conducive to the family of the 1990s.

This year marks the 20th year of women's admittance as undergraduates. But we at Notre Dame have the same problems with regard to destructive attitudes and actions toward women as the nation. How many of us have observed or taken part in discrimination toward women? In, for instance, our classrooms or the residence halls? We need to acknowledge the ways in which we all, men and women, foster this kind of environment. We all must work to allow women, as well as men, to enjoy fully the benefits which Notre Dame offers. Fortunately, this year, awareness of the problems of male-female relations has been heightened. Dialogue has increased about sexual assaults and about the violence of a culture in which these and other forms of harassment are daily realities. If we are to grow as a community, we must recognize and act to eliminate all forms of discrimination, sexual, racial and otherwise.

As we leave Notre Dame, we must dedicate ourselves to transforming our nation, our University, and the new communities we enter. We must destroy those barriers which divide us — whether they be self-interested national policies for discrimination in our workplaces, our neighborhoods or our University. Friendship provides a concrete means of achieving community on all of these levels. Friendship exists between persons who wish each other well. Friends love each other by wishing good to each other. Aristotle says that there is an essential connection between friendship, community and justice. Without friendship, community will not flourish. Without community, justice will not flourish. Aristotle further teaches that friends share their lives thorough thought and conversation. In dialogue, friends challenge one another to develop for the better. Friendship does not foster discrimination. It instead calls on us to act for the good of all persons. We the graduates of 1992 must extend the friendships that we have made here at Notre Dame to the communities we participate in. Only as friends can our University, our cities, our nation, and our world create true community and lasting justice.

Laetare Medal

May 17, 1992

The University of Notre Dame to Daniel Patrick Moynihan

Sir:

You come from a chancy childhood — youthful years struggling in New York City's Hell's Kitchen — and now occupy a commanding place in American life. Educator, writer, public servant, your combined talents have — in the words used to describe the Laetare Medal "ennobled the arts and sciences" and "enriched the heritage of humanity."

Enemy of conventional wisdom, you have devoted your varied career to identifying the complexities of contemporary problems and to proposing original solutions for the betterment of humankind. Books and countless articles bear your name, and they illuminate vital concerns — everything from the status of the family to the state of foreign policy. And at this ceremony and on this campus, we gratefully applaud your career-long commitment to American higher education.

Many years ago, when the French philosopher Henri Bergson was asked to address a congress of philosophers, he sent a message of a single sentence: "Act as men of thought; think as men of action." Your career exemplifies that charge. The only person in the nation's history to serve in the cabinet or subcabinet of four successive presidents, you elected to run for the United States senate from New York in 1976. Two hundred years earlier, the country's founders envisioned the Congress as being the home of the philosopher-politician. Today, sir, as you serve your third term in the Senate, you personify that hope — and in certain respects stand alone. At a time when ghostwriters haunt the offices of so many public officials, you express your views in speeches and in writing uniquely and zestfully your own. Although somewhat larger than a leprechaun, you possess a Fighting Irish spirit that animates your work on behalf of the common weal.

At this special Sesquicentennial Year commencement, the University bestows the Laetare Medal — the oldest award honoring American Catholics —

On Daniel Patrick Moynihan Washington, District of Columbia

Response

Father Malloy, President Alywin, President Bush: The president's speech was so fine and the address was so fine and generous and also because he has offered me a ride back home it suggests that brevity might be the better part of wisdom. But give me 70 seconds.

The Laetare Medal is named, of course, for the Fourth Sunday in Lent. Today is the Fifth Sunday of Easter. In one of the readings today John speaks of "a new Jerusalem . . . God's dwelling among men." Where there shall be no more tears, "no more death or mourning, crying out or pain" A Jerusalem of the kind Sarah McGrath was talking about earlier.

We have never built a New Jerusalem. Nor do we necessarily know how. But we know some ways not to get there. Twenty-seven years ago in the Jesuit journal, *America*, I wrote this passage.

From the wild Irish slums of the 19th-century Eastern seaboard, to the riot-torn suburbs of Los Angeles, there is one unmistakable lesson in American history: a community that allows a large number of young men to grow up in broken families, dominated by women, never acquiring any stable relationship to male authority, never acquiring any set of rational expectations about the future — that community asks for and gets chaos. Crime, violence, unrest, disorder, most particularly the furious unrestrained lashing out of the whole social structure that is not only to be expected; it is very near to inevitable. And it is richly deserved.

If there is ever to be such a City of God, it will rest first of all on the "new commandment" which Christ proclaims in today's gospel.

"Love one another."

That, too, is problematic. How did Freud put it? *Homo homini lupus*. Man is a wolf to man. Men and women can always create a community of love so long as there is an enemy to hate. "Civilized society," he continues, "is perpetually menaced with disintegration through this primary hostility of men towards one another."

We see it the world over. And we see it here. We especially see it here at home. But let us keep the faith, for it does not follow that what has been, must be.

Thank you for this great honor.

¹ Sigmund Freud, Civilization and its Discontents, London, 1953, The Hogarth Press (first published 1930), p. 86.

Blessing

Rev. Edward A. Malloy, C.S.C. May 17, 1992

I want to thank in a special way our honored guests for being with us today. And I want to thank all of you for the hospitality; the genuine Notre Dame spirit that you have reflected today. So thanks to President Bush, President Alywin, Senator Moynihan.

I have no words of wisdom to pass on. We will miss you and I hope that you will carry the Notre Dame spirit wherever you go. Before we leave today, having had a chance to acknowledge the presence of our dedicated faculty and staff and thank them with a round of applause, let me ask you to do the same for your parents, for the members of your family who are here who have made all this possible for you. Please stand and recognize them.

Now if you would be seated I would like to invite the parents, the grandparents, the surrogate parents, the faculty and staff of the University to please stand. And I'd like you to raise your right hand in a characteristic form of blessing as we pray for these our graduates.

Dear Lord, bless these graduates here assembled. Help them to seek for truth and to rejoice in beauty. Flood their path with light and turn their eyes to where the skies are full of promise. May they find fitting and loving companions and friends with whom to share the journey of life. We pray that they may turn to you both in times of need and in times of joy and celebration. May they transform their talents and gifts into lives of committed service especially of those among your people who know neither justice nor peace. We pray this in your name. Amen.

May God bless you all.

Special Presidential Awards to Staff May 18, 1992

1992 Special Presidential Award

For fifty years he has been a faithful Notre Dame staff member. He has seen the Power Plant grow from a simple operation where the most complex task was "stoking the boiler" to a highly complex computerized Power Plant operation today. His responsibilities ranged from processing the Power Plant purchasing requisitions, maintaining the maintenance stores, and providing accounting records for billing and budgeting purposes for fifty years. In his spare time he has served as a fireman at Notre Dame for forty years!

It is especially significant that he has been a part of Notre Dame for one-third of her history. His lifetime of dedication to Notre Dame and to the Holy Cross community is an inspiration to us all.

For his outstanding contributions to Our Lady's University, we recognize

Brother Beatus Schlenker, C.S.C.

1992 Special Presidential Award

She began her University career as a clerk-typist in 1966. She was promoted to her current administrative position and was responsible for the proper administration of the student loan program from its earliest years. During this period the portfolio has grown from a few thousand dollars to one approaching \$17 million. As a result of her efforts Notre Dame enjoys one of the lowest default rates in the country.

Her commitment is not only to Notre Dame but also to the professional aspects of the loan industry — she has helped found and organize a state loan association.

For her important contributions to Notre Dame, we recognize

Brenda Wardlow

CONTRACTOR OF STREET

1992 Special Presidential Award

In the complex day-to-day world of computers and data management, she serves as the friendly interface between departments and University Computing. As data administrator, she oversees the database design, knows how and where corporate data is kept, used, and maintained, and trains users and programmers on understanding data, the

database structures and products. She is a keen listener and quickly responds to requests for help from user departments. Her helpful style simplifies the sometimes puzzling world of computer language. Through her knowledge of the University environment, she satisfies individual department needs without compromising the information requirements of the University community.

For her fifteen years of outstanding contributions to Notre Dame, we recognize

Carolyn J. Berzai

1992 Special Presidential Award

Notre Dame is renowned for the beauty of its campus. The flowers, the trees and the maintenance of our grounds add immeasurably to the image of the University. A large measure of responsibility for that reputation rests with this administrator and his team. He has been largely responsible for the landscape design associated with new construction and the landscape restoration for various areas throughout the campus.

He has always exhibited a 24-hour per day concern for the campus. This is evidenced particularly during the long winter months when his department must be prepared to conduct snow removal operations night and day. He is always the first to respond in the middle of the night to assess the situation and the last to depart after the snow removal is completed.

For his devotion to Notre Dame, we recognize

William H. Thistlethwaite

1992 Special Presidential Award

Since 1975 he has served the University in a most unique way. As chief mechanic, he is responsible for the maintenance of over 300 University vehicles. His attention to detail has resulted in achieving the safe operating condition of the vehicle fleet. In addition, during frequent campus special events, he has voluntarily spent countless hours orchestrating the protocol chauffeur service essential to a first-class event.

Whether helping someone in need through "Christmas in April," serving as volunteer assistant baseball coach at St. Joseph High School, or coaching an inter-hall football team at Notre Dame, he is truly a "cheerful giver." As a result of his volunteer leadership, the quality of life has been vastly improved for many in the Notre Dame and the South Bend communities.

For his many contributions to Notre Dame and the community, we recognize

Martin J. Ogren

1992 Special Presidential Award

Over the past seventeen years this administrator has led her staff in feats which would rival those of Hercules. One of these projects was the Library's Great Barcode Project — which prepared the Library's collections for the on-line circulation system. She rallied staff support through months of work and unpredictable disruptions. Through her successful management of this task, she has been invited to advise libraries throughout the state as they begin their own barcoding and circulation projects.

By example and coaching, she inspires her staff to assist patrons in a cheerful, sensitive and competent manner. She imbues her department with a sense of community by her example.

For all that she brings to Notre Dame, we recognize

Sue A. Dietl

1992 Special Presidential Award

Whether assisting the Prefect of Discipline as he was then known, or the current Assistant Vice President for Residence Life, she has provided the necessary link from one administrator to the next, ensuring a continuity of policy and vision so necessary to Student Affairs. Her warm and generous presence has always been a constant in the Office of Student Affairs. Her response to each problem is always marked by a spirit of genuine interest and a willingness to help. Her work has always been marked by the highest quality. It speaks of her commitment to excellence and her devotion to Notre Dame, a place to which she has given her life, self-lessly and steadfastly.

She is clearly committed to her faith and her parish community. For years she has directed the St. Stephen's Parish Festival which brings together people from the Hungarian and Hispanic communities. She lives her Catholic Christian commitment to help bring peoples of differing ethnic and cultural backgrounds together into a family united in faith and love.

For her commitment and dedication to Our Lady's University, we recognize

Margaret Strantz

President's Dinner for the Faculty

Rev. Edward A. Malloy, C.S.C. May 19, 1992

Congratulations to the individuals who have been promoted, to those recognized with special honors, to our 25-year group and to all of the emeriti. You are all special people, and any opportunity for recognition that we can offer is surely well-deserved.

It has been an interesting year, to put it mildly. Not one necessarily I would like to relive, but one worth celebrating in its own right. We have seen the dedication of the Hesburgh Center, the Hessert Center for Aerospace Research and the new Fischer graduate housing complex, and all of us look forward to next fall when DeBartolo Hall finally comes on line. Besides those promoted today, we have seen additions to our endowed chairs and, of course, we have seen another class of our graduates move on to the next stage of their lives.

For those of you who were there for the Baccalaureate Mass and the very poignant time when we had the memorial for the dead, I must admit I had a very difficult time getting through it. It was not simply because the names evoke concrete images of people that I had known, including my former basketball coach who brought me to Notre Dame, but because during this past year we lost nine students to illness or to tragic accidents. In an age when the death of the young is unusual, a fact dramatized by the reaction to the accident involving the women's swimming team, we see what it means to talk about our common destiny and our mutual interdependence. When the young die, all of us feel the fragility of our mortality and the need to renew our sense of purpose.

In the midst of the year's controversies related to governance, let me say from my vantage point that it is very healthy for all of us periodically to try to evaluate how we are doing, what can stand improvement and how we can find more vehicles and mechanisms and processes to explore our future as an institution. I should like to pay very special credit to Paul Conway and to members of the executive committee of the Faculty Senate for providing a forum and an opportunity to play out collectively a wide variety of ideas about governance, ideas expressed not only this year but also in the past, and to spur thinking that will continue over the summer and on through next year.

Also, I should like to note that Notre Dame really needs to take seriously this planning exercise that we call the Colloquy for the Year 2000, for things never stay the same. Change is inevitable in any institution and the greater the cross-section of collective wisdom that we can draw upon,

the better for all of us. I feel truly buoyed by the enthusiasm that has been shared by so many in the future of this institution.

Let me offer three very brief reflections about things all of us should keep in mind as we continue looking to our future and the kind of resources needed to get us there. The first has to do with the context of higher education in general. I serve as vice-chair and chair-elect of the American Council on Education (ACE), the umbrella organization for higher education in this country. I must admit that when I go to ACE meetings I always come back feeling really good about Notre Dame after listening to the tales of woe and difficulty, struggle and strain that so many presidents and institutions are going through at this particular moment. One of the things that is changing is the feeder system for higher education, the public and private schools at the primary and secondary levels. We have seen countless studies and critiques of the quality of these earlier stages of education in our country. We know that we have many at-risk youths, schools that are underfunded, and teachers who do not feel appreciated or who work in physical and environmental circumstances that can be detrimental to genuine learning. We see the closing of private schools, many of which did an excellent job in our urban areas, and we see periodic waves of reform on the public side of education. These things can be observed in the Michiana area, where many of your children are being educated. We worry about funding levels, about who is attracted to teach in primary and secondary schools, about the kind of supervision that takes place, and about how we as a nation can overcome the obstacle of deteriorating family life that affects pupil and student preparation. We at Notre Dame are not set up to be a remedial institution; we depend on high quality, well-prepared students coming to us.

A second thing that is happening in the broader higher educational landscape is that public and private institutions of higher education face enormous challenges. On the public side, we see a crisis in funding connected to taxing woes in a time of recession. On the private side, we see a sudden recognition among some of the most prestigious universities in the country that they cannot operate now as they once did. In fact, I am willing to assert that no matter what undergraduate institution we went to or where we did our advanced training, that school is different today because of the financial forces that all colleges and universities are experiencing.

Faculty are affected in terms of the numbers being hired, salary freezes, cut-backs in overall budgets and a sense of pressure that was not there five or 10 years ago. Many of the graduates of the nation's best doctoral programs are not being hired because the campus funding is simply not there. Federal dollars have declined overall. In fact, when Senator

Moynihan was here over the weekend he made a prediction (which I hope does not come true) that the most extensive research might well be shifting from the private to the public sphere, because the privates cannot afford it anymore. We are going to have to pay close attention to these trends and to make our case with Congress and the White House and the broader constituencies of the country. Notre Dame is not alone; what other schools are experiencing will have an influence or impact on us as time goes on. We need to keep a close eye on what is going on at places such as Purdue, Indiana, Ball State and Saint Mary's, because what is happening there will have an impact on us over time.

Another thing has to do with internal forces. The greatest temptation that any of us can have in a time of crisis or reappraisal is to begin to grow envious of other units within the University. It is unhealthy to try to play off one college against another, undergraduate study against graduate, faculty against staff, students against administration. We need to preserve an organic notion of the University, a sense that, in fact, we are in this together. We will then grow and flourish together. We must maintain our sense of common purpose, our concern for the well-being of the University as a whole. At a given moment, one part of Notre Dame may seem to be doing better than another, but our hope is to find ways of enhancing all of the areas of University life.

Lastly, costs are scary. Tuition, room and board at the undergraduate level next year will be about \$18,400. Now if you — as parents — had to pay that off the top, and you had other less expensive alternatives, why would you decide to send your son or daughter to Notre Dame? That is the question that parents are asking themselves all over the country. Why not send their daughters and sons to Michigan instead of to Duke, to Virginia instead of to Harvard? It is only because people think they are getting something special and unique by having their sons or daughters come to Notre Dame that they are willing to make financial sacrifices. More than 70 percent of our budget comes from tuition, room and board fees, while about 70 percent of our undergraduate students demonstrate financial need. This suggests that most parents cannot afford to send their children to Notre Dame without aid. That is why it becomes imperative for us to look to our priorities in the next capital campaign and ensure that our potential clientele can view us as offering affordable education of high quality. We cannot well sustain a consumer revolt, with parents saying, "We simply are not prepared to invest this percentage of our discretionary income in a private education because we don't see that what you offer educationally is any better than what we can get much more cheaply somewhere else."

We have to expand our fund-raising base, and that is one reason that we have put together a strategic plan for extending our potential benefactor pool outside of the United States. We are trying to tell our story in Asia and in Europe and in other parts of the world so that we may attract support from those not included in what we normally call "the Notre Dame family." As we go over the magic number of \$20,000 in tuition and fees, we expect an appraisal process much more severe. When you start talking about an education for undergraduates that costs between \$80,000 and \$100,000, people are going to start to whistle. Only if we can extend the potential pool of benefactors can we afford to dream great dreams and generate the resources necessary to continue our progress toward national academic distinction. We need to use our income well and to be held accountable by those who are helping to pay the bill, but we need also to continue building on the tradition established by those here tonight and many others who preceded them — the pride in a Notre Dame that takes education in the largest sense of that term with the utmost seriousness. What goes on in the classroom, in the library and the laboratory and what moves across the computer screens must be stamped with a special quality of commitment and dedication from all of us.

I have sensed in the midst of the year's disagreements a tremendous fund of goodwill, of dedication to the institution and its values. I welcome a rest, as I am sure you do. We will profit from a change of pace, an opportunity to step back with a sense of satisfaction about what we achieved in the past months. Whatever the next few days or weeks may bring for you, may it be a time of leisure and renewal so that next fall we can return with the kind of shared commitment that has characterized Notre Dame for 150 years. Thank you very much.

Presidential Dinner Awards

1992 Faculty Award

This year's Faculty Award recipient is equally at home in the field, the laboratory, the classroom and the sports arena where he is an avid spectator. Internationally recognized in his discipline, he has produced a corps of teacher/scholars who carry on projects in major labs throughout the world. Large of body, mind and heart, he focusses his prodigious research on tiny creatures familiar — perhaps too familiar — to each of us. Throughout his 35 years here at Notre Dame, he has earned many honors including chaired professor, Fellow of the American Academy of Arts and Sciences and member of the National Academy of Sciences. With pride in this eminent teacher and scholar, we offer him one more.

George B. Craig Jr.

1992 Graduate School Award

A world renowned researcher and widely acclaimed graduate advisor, the winner of the 1992 Graduate School Faculty Award came to Notre Dame from Europe thirty-two years ago. Discoverer of an entire new area of research, he established most of its basic concepts and techniques. A tireless champion of departmental excellence, he is known among his students as demanding, patient, and generous in equal measure. So well recognized was he for his lengthy and thorough articles, that the standard unit of measurement became the "Stoll," with all the other articles measured in "micro-Stolls"! An uncommon person who possesses not only a "big name" but also a "big heart," we take special pleasure in honoring him tonight.

Wilhelm Stoll

1992 Rev. Paul J. Foik, C.S.C., Award

The recipient of the 1992 Foik Award is an energetic librarian committed to improving resources for Notre Dame's faculty and students. By training and interest an expert in technical and scientific fields, he anticipates the needs of those he serves. Planner of effective exhibits and manipulator of scarce space, he also publishes reviews which guide his colleagues in selection of up-to-date technical literature. His professional expertise is further enhanced through interests which betray his longstanding Midwestern attachments: studies of Lincoln and the Chicago World's Fair.

Robert J. Havlik

1992 Madden Award

The 1992 recipient of the Thomas P. Madden Award embodies enthusiasm for life and learning. A lively communicator, he sparks his instruction with humor and challenges the minds and hearts of his listeners by his refreshing approach to contemporary ecclesiology. With strong conviction and clear logic, this native Kenyan demonstrates by both word and action the deep convergence of Third World concerns with our own. As he returns to his homeland, we salute a memorable teacher and compassionate priest.

Lawrence Njoroge

1992 Reinhold Niebuhr Award

The Reinhold Niebugh Award winner for the 1992 is a product of rural Midwestern upbringing, strong in family values and discipline. Trained in a field where practicality and pragmatism frequently take precedence over fairness and concern for others, this Notre Dame graduate of the late '60s consistently considers ethics and social justice in his work as author, researcher, and educator. His personal and professional life clearly demonstrates that there is more to business than making money. Perhaps his prematurely gray hair is the product of his struggles to maintain this balance!

Patrick Murphy

1992 Grenville Clark Award

This year's Grenville Clark Award winner fills the bill as "a real Notre Dame character." Burly, and often wrapped in an oversized coat, he regularly wears a path from dorm to office to center and back. His eyes light with enthusiasm at the mention of his favorite things: people, ideas, places, — in truth, almost everything! A man whose heart is really in two continents, he jumps at any opportunity to speak of the Third World he knows so well. Yet his involvement with Notre Dame students is deep and sincere, whether rapping in a late night session, celebrating Mass off campus, preaching to a packed chapel, or presiding at Sacred Heart Basilica. His constant clarion call for justice comes down to one message: Christ loves the poor and to be a genuine Christian, so must we.

H. Thomas McDermott Congregation of Holy Cross

1992 John "Pop" Farley Award

The winner of this year's "Pop" Farley Award came to Notre Dame from the Pacific Northwest, not realizing that he would spend the next decade sharing his life with Notre Dame students. Minister, mentor, disciplinarian, teacher and friend to hundreds of students, he presides with aplomb over one of the largest residence halls on campus. A man of broad knowledge and wide interests, he is always ready for a humorous moment, a compassionate word, or a serious critique. Off next year to London's heady atmosphere, he will bring to his Notre Dame charges there the same straightforward honesty and common sense which mark his service on this campus.

Gerald V. Lardner

1992 Special Presidential Award

Having earned two advanced degrees at Princeton, this Easterner came to Notre Dame ten years ago. A popular yet demanding teacher, she also made a name for herself as a national award winner and quality researcher. With high standards and strong administrative instincts, she energized her academic colleagues by her leadership in the advancement of departmental programs and policies. Active in Sacred Heart Parish and in the larger university community as well, this dynamic woman consistently performs at a highpowered level which belies her small stature!

JoAnn DellaNeva

1992 Special Presidential Award

Joining the faculty thirty-seven years ago after earning his first degree, a master's, at Notre Dame, this Double-Domer has a long history of testing and evaluating, not only Notre Dame students but also his friends and colleagues on this campus! A man of wide experience, he has served the important role of counselor and assistant to three deans of his current unit. Countless students have benefitted from his wise advice and clear direction. Sports fan and lively raconteur, he daily regales his luncheon companions with tales which keep them laughing and young at heart!

Peter P. Grande

1992 Special Presidential Award

With a Ph.D. from Princeton and experience at several institutions in the East and Midwest, this award winner came to Notre Dame twenty-nine years ago. A fascinating teacher, he brings to students not only a thorough understanding of his own complex discipline but a keen wit and an unusual breadth of knowledge. Lover of music from Beethoven to Basie, he is also a classicist of some distinction. Not many among us can earn a public apology from William Safire for an erroneous etymology or read Archimedes in the original and understand both the language and the mathematics! We honor tonight a true Renaissance man and fine mathematician.

Barth Pollak

1992 Special Presidential Award

An eclectic academician, this New Yorker first came to Notre Dame over thirty years ago. Several times honored as an outstanding teacher in his college, he has also contributed substantially through his administrative expertise. Into heavy metal, he has dealt with pig iron, ductile iron castings, and even titanium — not their melting and smelting, but investing, inventories, and shipping! More recently, his research has dealt with financial planning for not-for-profit organizations. A sophisticated Slovakian, he, with his wife, is a devotee of the London theatre and French cuisine, pastimes they were able to indulge during their recent stay with the London Program.

Edward Trubac

1992 Special Presidential Award

Extraordinary teacher, researcher, and colleague, this creative academic has indefatigable energy in research, writing, and all activities which engage his sharp mind. Serving simultaneously on a large number of university, college, and departmental committees, he can always be relied upon to accept yet another task for the common good. An early riser, this native of India greets every day with enthusiasm whether his goal is to conduct an experiment in chemical and catalytic reaction, confer with a doctoral student, or play a lively game of tennis with his daughters.

Arvind Varma

Faculty Promotions

Twenty-five Years of Service

D. Chris Anderson, Psychology Edgar D. Berners, Physics John G. Beverly, Accountancy John G. Borkowski, Psychology Cornelius F. Delaney, Philosophy W. Phillip Helman, Radiation Laboratory Joseph H. Huebner, University Libraries Kwan S. Kim, Economics Klaus Lanzinger, German and Russian Languages and Literatures John E. Matthias, English Sheridan P. McCabe, Psychology Albert E. Miller, Electrical Engineering James J. Rakowski, Economics Thomas A. Werge, English Thomas L. Whitman, Psychology Robert W. Williamson, Accountancy

To Emeritus

Jaime J. Bellalta, Architecture
John G. Beverly, Accountancy
Granville E. Cleveland Sr., Law Library
Kenneth Featherstone, Architecture
Robert J. Havlik, University Libraries
Karl M. Kronstein, Mathematics
Lewis E. Nicholson, English
Vincent R. Raymond, Management
Anthony M. Trozzolo, Chemistry and Biochemistry
George W. Viger, Accountancy

To Associate Professional Specialist

Phyllis H. Luckert, Lobund Laboratory Simon M. Pimblott, Radiation Laboratory

To Professional Specialist

Prashant V. Kamat, Radiation Laboratory Jay A. LaVerne, Radiation Laboratory

To Assistant Librarian

Mary C. English, University Libraries Michael A. Lutes, University Libraries Linda A. Sharp, University Libraries Laura A. Sill, University Libraries

To Associate Librarian

Alan D. Krieger, University Libraries Kathryn Ryan-Zeugner, University Libraries Joseph W. Thomas, Law Library

To Librarian

Charlotte A. Ames, University Libraries

To Associate Dean

Carol A. Mooney, Law School

To Associate Professor and Tenure

John F. Affleck-Graves, Finance and Business Economics Jeffrey H. Bergstrand, Finance and Business Economics Austin I. Collins, C.S.C., Art, Art History and Design Paul W. Huber, Chemistry and Biochemistry Carlos Jerez-Farrán, Romance Languages and Literatures David M. Lodge, Biological Sciences Edward H. Lorenz, Economics Paul J. McGinn, Electrical Engineering Richard R. Mendenhall, Finance and Business Economics Wilson D. Miscamble, C.S.C., History Joseph E. O'Tousa, Biological Sciences David J. Tannor, Chemistry and Biochemistry

To Tenure: Associate Professor

Samuel Paolucci, Aerospace and Mechanical Engineering Carolyn R. Plummer, Music Alain P. Toumayan, Romance Languages and Literatures

To Professor

Stephen M. Batill, Aerospace and Mechanical Engineering Steven A. Buechler, Mathematics Dolores W. Frese, English Yih-Fang Huang, Electrical Engineering Jeffrey C. Kantor, Chemical Engineering George A. Lopez, Government and International Studies Thomas V. Morris, Philosophy Walter J. Nicgorski, Program of Liberal Studies Wolfgang Porod, Electrical Engineering Jonathan R. Sapirstein, Physics Mei-Chi Shaw, Mathematics Gudlaugur Thorbergsson, Mathematics James H. Walton, English Stephen H. Watson, Philosophy

To Endowed Dean

Harold W. Attridge, George N. Shuster Dean of the College of Arts and Letters

To Endowed Chair

Donald P. Kommers, Joseph and Elizabeth Robbie Professor of Government and International Studies

Colloquy for the Year 2000

Committee for the Whole April 22, 1992

Present: Greg Butrus, E. William Beauchamp, C.S.C., Joseph Blanco, Melissa Conboy, Lawrence Cunningham, Vincent DeSantis, Paul Drey, Rita Gautier, Maureen Gleason, Mary Louise Gude, C.S.C., Charles Hegarty, Gerald Jones, Claudia Kselman, Edward A. Malloy, C.S.C., Naomi Meara, Wilson Miscamble, C.S.C., Carol Mooney, Patricia O'Hara, Timothy O'Meara, Lynn Ramsay, Kevin Warren, Kathleeen Maas Weigert, William Wilkie.

Absent: Panos Antsaklis, Frank Connolly, Paul Conway, Kurt Mills.

Father Miscamble opened the meeting with a prayer at 7:05 p.m.

Patricia O'Hara reported for the Committee on Student Life. The Student Services Subcommittee is evaluating the results of a questionnaire regarding Career and Placement, Health Services and the University Counseling Center to a random sample of 450 students. Student Activities is completing interviews with various student groups and will be culling from them common themes, which it appears will mainly concern du Lac provisions, especially coed housing and parietal hours. The Residence Life Subcommittee has visited a few residence halls before the end of the semester and will visit some others in the fall. The Student Life Policies Subcommittee has spent only limited time consulting with campus constituencies and has instead reflected on a number of policies affecting student life. A couple of members of the committee commented on the fruitfulness of a 3 1/2-hour meeting with the rectors of residence halls.

Father Beauchamp reported that each of the subcommittees of the Finances, University Relations and Athletics Committee had submitted reports to the main committee. The University Relations subcommittee continued discussion in the areas of community interaction, public relations communications, fund-raising and internal communications. The question was raised on how the group obtains input on University development operations from the perspective of the donor, from whom money is asked, as well as from the "client" University entity for whom the money is being solicited. It was also stressed that the committee will have to look at the means by which "wish-list needs" come to be prioritized into concrete fund-raising objectives. The Athletics Subcommittee had met with faculty members on the Faculty Board in Control of Athletics, received comment from the Athletics Committee of the Faculty Senate and plans interviews with Athletic Department staff, students and student-athletes. The committee has discussed stadium expansion and intends on discussing the marketing and commercialization of athletics, as well as athletics and academics. It was mentioned that the Athletic Department is conducting exit interviews with graduating student-athletes and that material from these one-on-one interviews would be available to the committee. The Finance Subcommittee is engaged in a review of needs of the University over the next five to seven years, as well as the resources available to meet them, and is interviewing the heads of major budget units, such as the Provost Office, the Graduate School, Student Affairs, Freshman Year, institutes, the library and the deans of the undergraduate colleges and the Law School.

On request, Father Beauchamp discussed the elimination of the wrestling program. He acknowledged that the dropping of any sport was a traumatic event for participants and for alumni of the program. Father Beauchamp observed that the sport was withering at the collegiate level and had a relatively low level of participation and support at Notre Dame, where student demographics did not favor a reversal of interest patterns. He emphasized that, overall, Notre Dame had been increasing the opportunities for its students to participate in intercollegiate athletics. Wrestling costs were significant, he said, and the endowment that had been devoted to it was not close to the \$3 million figure often quoted in the news media. He said the original understanding surrounding the endowment dedicated by the University to wrestling was such that using the money for sports other than wrestling was entirely justified and had been approved by the widow of the donor.

Provost O'Meara spoke about the Committee on Academic Life. He recalled the work of the task forces who visited various academic entities to obtain input from individual faculty and reported on these visits in Notre Dame Report. In a second phase, deans working with college councils will put together prioritized needs, not necessarily organized by departments. At this point, it was suggested that written departmental statements about needs and priorities be obtained by some means during the Colloquy process, so that there is no feeling that their discrete voices have not been heard in the overall chorus. Father Malloy stressed that, while the Colloquy has a four-part division of labor, the reason for its entire discussion is to focus on academic needs, and that this will be evident in the final report. The Academic Life Committee is the most important of the four main committees, he said, and it is imperative that the faculty be fully consulted in every phase of the Colloguy endeavor to ensure maximum credibility for its work.

Reporting for the Committee on Mission, Opportunities and Challenges, Father Malloy distributed its draft of a mission statement, and it was discussed. Father Malloy said the Mission Committee wanted the input of the Committee for the Whole before promulgating the draft widely for discussion across the University next fall.

It was agreed that the Committee for the Whole would probably not meet during the summer, but that the main Colloquy committees and their subcommittees may wish to. The meeting was adjourned at 9 p.m.

Richard W. Conklin

Committee on Finances, University Relations and Athletics April 15, 1992

Father Beauchamp convened the seventh meeting of the Committee on Finances, University Relations and Athletics on Wednesday, April 15, at 3 p.m. on the 14th Floor of the Hesburgh Library.

Members present: E. William Beauchamp, C.S.C. (chairman), Kathleen Anthony, Ernest Bartell, C.S.C., Paul Doyle, C.S.C., Michael Hamilton, Gerald Jones, Barry Keating, Claudia Kselman, James Kuser, Terence Linton, C.S.C., Scott Malpass, Thomas Mason, Richard Rosenthal, Joseph Russo, Susan Sattan, William Sexton, Richard Sheehan, Stephen Trust, Jennifer Warlick and William Wilkie.

Father Beauchamp began the meeting by updating the committee on the status of the feasibility report on stadium expansion that was recently presented to the officers of the University for review. The officers have decided to send the report to the trustees, for review at their spring meeting, with a recommendation that the various issues discussed in the preliminary report be considered in more depth over the course of the next year before a final decision is made.

Father Beauchamp announced that all future meetings of the Committee on Finances, University Relations and Athletics will be held at the Center for Continuing Education (CCE) in room 200, including the next meeting scheduled for Tuesday, May 5. At the May 5 meeting, Father Beauchamp requested that each of the subcommittees (Finances, Athletics, University Relations, Human Resources) be prepared to discuss what their activities are expected to be during the summer months. Father Beauchamp requested that each of the four subcommittees update the committee on the status of their work.

I. University Relations subcommittee, chaired by Professor Maureen Gleason (update provided by Dr. William Sexton in her absence):

The University Relations subcommittee continues to explore specific issues in each of the five key areas that have been identified for discussion during the Colloquy:

- (1) Community Interaction: Enhancement of quality of life in the Northeast neighborhood; security of students; relationship of students to the local community. Meetings with the mayor's office and student dormitories are planned. Mr. Jim Kuser indicated that there was a study done by graduate students concerning the Northeast neighborhood, which he is attempting to obtain and will share with the group if successful.
- (2) Public Relations Communications: The image of the University and its publics; how are we communicating and what are we communicating is being discussed.
- (3) Fund-raising: Linking academic goals with fund-raising; translating academic priorities into fund-raising goals is being discussed with various academic units.
- (4) Internal Communications: Arrive at a set of media and instruments to be used in internal communications with faculty, staff and students to close what is perceived to be a communications gap. It was suggested that a representative from the computing center be included in this analysis.
- (5) Alumni Relations: How can the University improve relations with the local clubs and various alumni groups throughout the country and around the world.

Dr. Sexton indicated that the University Relations subcommittee plans to meet with the appropriate groups on campus to discuss the various issues raised in the five general areas being reviewed.

II. Athletics subcommittee, chaired by Professor William Wilkie:

The Athletics subcommittee, as part of discussions examining the role of athletics in the University and future priorities for the department, has met with faculty members on the Faculty Board in Control of Athletics, received input from the athletic subcommittee in the Faculty Senate, discussed stadium expansion, which was subsequently reviewed in depth by Father Beauchamp at the April 3 meeting of the Committee on Finances, University Relations and Athletics, is scheduling meetings with student groups (three dormitory meetings are planned) and groups of student-athletes, and plans to meet with Athletic Department personnel during the summer months.

III. Finance subcommittee, chaired by Professor Jerry Jones:

The Finance subcommittee continues to meet with the academic hierarchy and major budgetary units to determine financial needs for the next five to 10 years and to determine what resources might be available to fund these needs. Meetings with Tim O'Meara, provost, Nathan Hatch, vice president for Graduate Studies and Research, the deans of the colleges, professional schools and Freshman Year of Studies, and major budgetary units such as the library and the Office of Student Affairs have already taken place. Other meetings expected to be scheduled as part of this review process include University institutes, Architecture, University Relations, and admissions and financial aid.

Father Beauchamp raised the question of when will the subcommittee incorporate available resources into the "wish list" to arrive at realistic fund-raising targets, and where should the University be reducing its resources or refocusing resources to better meet the needs of its constituents. Professor Jones indicated that the subcommittee is now focusing on needs, but will turn its attention to the resource side of the equation this summer with a review of endowment income, alternative financing schemes, and fund-raising goals and objectives.

Father Beauchamp noted that it is important to examine the ramifications of different policy decisions, i.e., increasing tuition and its impact on academic quality, financial aid, etc.

IV. Human Resources subcommittee chaired by Claudia Kselman:

The Human Resources subcommittee is drafting a human resources value/mission statement from which it is hoped some priority system can be established to identify the kinds of programs and benefits that are important to the University. The subcommittee is examining compensation issues, including the development of a survey of staff, and perhaps faculty, on issues of compensation and benefits. Other issues being discussed include dental insurance, day care, and salary and benefit options.

The Human Resources subcommittee expects to spend the summer meeting with various staff groupings throughout the University to review these issues, and is also considering interviewing a sampling of faculty and staff who have left the University to take other positions, those who had offers and stayed, and those at other institutions who had offers from Notre Dame and, either joined the University or elected not to come, to determine what factors influenced their decisions.

The issue of how the material and information received throughout the Colloquy would be assimilated was raised. Father Beauchamp noted that the Committee of the Whole may be the primary apparatus to bring everything together in order to issue a final report. After the updates from the subcommittees, Father Beauchamp noted that the issues are starting to come together and thanked the members of the various subcommittees for their hard work to date. Mr. Thomas Mason also highlighted the fact that, in meetings with the deans and major budgetary units, the overall philosophy and role of the units was generally not mentioned, and that the mission, philosophy and relationship of the units to each other needs to be addressed.

In closing, Father Beauchamp requested that, at the May 5 meeting of the committee, the Finance subcommittee discuss a preliminary report on the financial needs of the various units, and that the Human Resources subcommittee be prepared to discuss the value/mission statement that has been developed.

Respectfully submitted,

Scott C. Malpass

Committee on Finances, University Relations and Athletics May 5, 1992

Father Beauchamp convened the eighth meeting of the Committee on Finances, University Relations and Athletics on Tuesday, May 5, at 3 p.m. in Room 200 of the Center for Continuing Education (CCE).

Members present: E. William Beauchamp, C.S.C. (chairman), Kathleen Anthony, Ernest Bartell, C.S.C., Paul Doyle, C.S.C., Maureen Gleason, Roger Jacobs, Gerald Jones, Barry Keating, Claudia Kselman, James Kuser, Terence Linton, C.S.C., Scott Malpass, Thomas Mason, Richard Rosenthal, Joseph Russo, Susan Sattan, William Sexton, Richard Sheehan, Stephen Trust, Jennifer Warlick and William Wilkie.

Father Beauchamp requested that the Human Resources Subcommittee review the draft of the mission/values statement that they developed for discussion by the entire committee.

Claudia Kselman, chair of the Human Resources Subcommittee, distributed a copy of the mission statement noting that the subcommittee had solicited input from industry,

from other universities, and from Roger Mullins, director of Human Resources at Notre Dame. Ms. Kselman emphasized that it was the subcommittee's objective to have an acceptable draft of this statement available for further input by the various groups of staff and faculty that they would be meeting with during the summer months. The committee was given a few minutes to review the statement, after which there was considerable comment concerning both the organization of the statement and specific wording throughout the document. After a lengthy discussion, it was decided that the Human Resources Subcommittee should prepare another draft incorporating specific comments from committee members, which should be distributed in advance of the next meeting of the committee for final review and

There was also some discussion regarding whether the statement, in final form, should be recommended to the Committee for the Whole for adoption. Father Beauchamp noted that it would be important to consider how the statement is identified, and that it should be communicated as a reflection of the total colloquy process.

Professor Gerald Jones, chair of the Finance Subcommittee, presented an interim report on the activities of the subcommittee. Professor Jones noted that the subcommittee has met with most of the major academic units including the Colleges of Arts and Letters, Engineering, Science, and Business Administration, the Graduate School, Law School, University Libraries, the Freshman Year of Studies, the Provost's Office, and other major budgetary units such as the Office of Student Affairs to discuss financial needs over the next five to 10 years. Professor Jones also noted that a number of other units including Architecture, the University Institutes, University Press, Admissions and Financial Aid, Business Affairs, and possibly athletics would also be met with as part of this process. The subcommittee's report, which had been distributed prior to the meeting, was reviewed with particular emphasis on its organization and conclusions. Professor Jones noted that the "wish list" of each of the units was divided into permanent additions to the operating budget, and capital costs, which are expected to be one-time expenditures. Mr. Malpass noted that the subcommittee has been focusing on the short- and long-term needs of the units assuming no restrictions on funding, and that sources of income/funding would be considered by the subcommittee over the summer. For example, meetings with the Development Office and with the Investment Office are scheduled to consider the outlook for fund-raising, endowment spending policies and alternative financing schemes.

Professor Jones highlighted the results of the meetings to date, as indicated in the interim report, noting that some units were very aggressive in stating their requirements and others were more modest, an inconsistency that would have to be reconciled before the establishment of priorities. Most

of the incremental additions to the operating budget were due to requests for new faculty positions (80 new positions in arts and letters over the next 10 years for example), capitalizations for new faculty, new programs, graduate student stipend support, financial aid, laboratory equipment, for example, and the primary capital costs related to new buildings and major equipment purchases. The total, not adjusted for inflation over time, for the units that the subcommittee has already met with included some \$40 million of incremental operating support by the year 2000 and approximately \$100 million in capital costs.

Father Beauchamp requested that the other two subcommittees, athletics and university relations, provide a brief update on their activities.

Professor William Wilkie, chair of the Athletics Subcommittee, reviewed the extensive meetings their group has had with students and student-athletes over the course of the previous two weeks. Professor Wilkie noted that the meetings were somewhat dominated by the recent announcement of the termination of the wrestling program, however, in general, found that athletics are important to most students, and that the students were particularly pleased with the Rec-Sports programs offered by the University. It was noted that exit interviews of athletes are now required by the N.C.A.A., and will be made available to the Athletics Subcommittee. Professor Wilkie noted that the subcommittee will be meeting with Athletic Department personnel throughout the summer as part of their review process.

Maureen Gleason, chair of the University Relations Subcommittee, noted that their group will be focusing on fund-raising, alumni affairs and internal affairs/communication during the summer months. As part of this effort, the subcommittee will be sampling a broad range of alumni opinions, and will be meeting with the colleges and the library to begin translating needs into targets for fund-raising.

Father Beauchamp concluded the meeting by noting that a meeting of the entire committee will be scheduled for the week after graduation to finalize the Human Resources mission statement, and that two or three meetings will be held this summer. Father Beauchamp also noted that he will be meeting with subcommittee chairman to discuss the process to date and priorities for the remainder of the colloquy.

Respectfully submitted,

Scott C. Malpass

245th Graduate Council Minutes April 15, 1992

Dr. Nathan O. Hatch opened the meeting at 3:30 p.m. on April 15, 1992, in room 210, Center for Continuing Education.

I. MINUTES OF THE 244TH GRADUATE COUNCIL MEETING

Uma Balakrishnan requested that the minutes reflect the fact that she introduced a motion to stop the discussion of the evaluation of the Peace Institute, but that the meeting went on.

Kurt Mills requested that the minutes also indicate Prof. Robert Johansen's remarks in greater detail.

With these corrections, the minutes were then approved.

II. REVIEW OF THE DEPARTMENT OF THEOLOGY

Dr. Hatch called upon Dr. Maureen Hallinan, chairperson of the internal review committee, to comment on the committee's report.

Dr. Hallinan prefaced her remarks by noting that the quality of the scholarship and teaching of the faculty in the Department of Theology is truly impressive. It is important to see the committee's criticisms against this background.

She highlighted the criticisms common to both the external and internal evaluators.

The first of these is the structure of the curriculum. This past year, the number of areas of concentration within the department was expanded from three to five. It was felt that this expansion led to a lack of clarity in the division of the five areas and in their content. The program in Christianity and Judaism in Antiquity is still ill-defined.

Funding for graduate students is another problem. Since the department has five areas of concentration, and takes in only 10 students per year, there is a need for more graduate students. The recommendation was to either increase the number of scholarships and stipends, or reduce the level of funding to each student.

Dr. Hallinan then discussed the relatively high attrition rate within the department. Even if the statistics the committee had were inaccurate, she said, the numbers were still high.

The morale of the graduate students is another area that needs to be addressed. They are very concerned with the current evaluation process, which leads to some confusion over what they need to do to make satisfactory progress. They are also concerned with the consequences of the departure of faculty in the department. Dr. Hallinan said that better communication between the department and its graduate students is needed.

Finally, Dr. Hallinan drew attention to the lack of women on the faculty. She noted that although the department had made efforts to hire women, these had been largely unsuccessful. It is more than a problem of critical mass or communications, she said. It is a structural problem.

Dr. Hatch then turned the meeting over to Dr. Lawrence Cunningham, chair of the Theology Department, who addressed Dr. Hallinan's remarks.

Dr. Cunningham said that there were two points that needed to be made before responding to the committee's report. The first of these is that Notre Dame's Theology Department is unique in that it combines in one department an academic program leading to the M.A. and Ph.D. degrees with a Divinity program. At schools like Yale, Harvard and Princeton, the Divinity School is separate from the Department of Religious Studies. This poses a unique problem for the department in the recruitment of faculty. It must hire people who are willing and able to teach not only graduate students, but also undergraduates and divinity students. To teach this last group, Cunningham said, requires faculty with a pastoral sense.

Secondly, with regard to the criticism that the department has very few women, Cunningham noted that prior to 1965, it was impossible to obtain a Ph.D. in theology if one were a lay person or a nun. The life of theological scholarship in this country has been very short. The consequence of this has been that when the department has tried to hire a senior woman, it has found that the pool is very narrow, and that these people have to be lured from good positions. The department, he said, has aggressively recruited every senior woman who has published in *Theological Studies*.

Dr. Cunningham asked Dr. Paul Bradshaw to comment on the committe's report on the situation with graduate students in the department.

Dr. Bradshaw said that the department needs more tuition scholarships and more stipends; lowering the level of funding will only serve to lower the quality of the students.

The attrition statistics, he argued, are misleading because they do not discriminate between attrition before and after candidacy exams. The attrition rate after the exams is higher, but this is in line with the attrition rate at other universities.

With respect to the anxiety among graduate students, Dr. Bradshaw said that the incidents which gave rise to this involved faculty who are no longer here.

Dr. Hatch then opened the meeting to discussion.

Kurt Mills asked why the department needed to increase the number of students when the list of students being admitted to degree candidacy provided in the minutes was three times as long as the list of students in other departments.

Dr. Bradshaw said that there are currently 77 students in the department. Only 10 are admitted each year with full packages. Between five and seven religious come each year who are sponsored by their communities. Thus, the average class size is between 15 and 17 students.

Dr. Goerner asked how the structure worked for the students. With only two or three people for each area, there is no critical mass.

Dr. Cunningham said that there is a lot of overlap between sections, and the department does not allot two students to each section. Each year, it takes the 10 best students, regardless of area.

Dr. Van Engen asked about the difference between CJA and traditional departments of Scriptural studies.

Dr. Cunningham said that the current CJA area is the result of the work of Profs. Joe Blenkinsopp and Robert Wilkin, who wanted to look at the New Testament as a totality. To make this vision work, the department needs ancillary fields, like Classics and Middle Eastern studies. Currently we don't have these.

Dr. Van Engen asked what should be happening in the department to fulfill its goals, given its anomalies.

Dr. Cunningham said that the department is criticized externally because it is too 'churchy' or 'narrow.' From within, it's criticized because it is too 'liberal.' He said that the face of Catholic theology will change dramatically in the next 10 years, with the greatest changes occurring outside European and American theology, and the department must prepare itself to meet those challenges.

Dr. Gutting asked what the department's comparison class is.

Dr. Cunningham said this was difficult to get a handle on. In the area of Scripture, the department was in the top two or three schools in America. In Liturgy, it is the best. In theology, it is probably in the top eight or 10 schools.

Dr. Connolly inquired about the trend in GRE scores over the past decade.

Dr. Bradshaw replied that the department does use the GRE as a tool, though it has reservations about its validity. The trend in scores has been slowly upward.

Dr. Gray wanted to know why the department hadn't hired women faculty at the junior level.

Dr. Cunningham said that for the position in Systematics this year, the department received 90 applications, of which only seven were from women. Three of them were interviewed. The problem was that the department had to hire at the assistant professor level, and the interviewees were uninterested in this. Moreover, none of these people fit the curricular needs of the department.

Uma Balakrishna noted that women faculty don't seem to like the ethos in the department, and she asked why they leave.

Dr. Cunningham said that the department lost one woman to the University of Chicago, and another decided to leave academia altogether and go to law school. He added that there is a lot of Church-related paternalism and sexism in a discipline which just opened up to lay people in 1965.

Dr. Van Engen said that the concerns of the junior faculty in the Theology Department seem worse than in other departments.

Dr. Cunningham replied that the problem is endemic to the University.

Dr. Hatch asked where the department hoped to place its best students, and if these students were prepared to compete in the market.

Dr. Cunningham said that the program here is unique and its placement is unique as well. Although one of its graduates is now at Vanderbilt, the department often places its students in seminaries.

Dr. Gutting then commented that despite the fact that the department is one of the best in the country, it is not a primary supplier of Ph.D.s to academia.

Dr. Gray asked if it was the intention of the department to keep the academic and M.Div. programs together in the future, or to separate them.

Dr. Cunningham responded by noting that the number of Holy Cross priests is dwindling. Also, within 15 years, 50 percent of all Catholics in this country will speak Spanish, and yet there isn't a single faculty member in the department who speaks Spanish. The department must think of creating people for the Church world as well as for the academic world.

Dr. Goerner asked if the department had a strategy for thinking about CJA.

Dr. Cunningham said that process is now underway.

III. CONTINUATION OF DISCUSSION OF THE REVIEW OF THE PEACE INSTITUTE

Dr. Hatch then invited the group to continue its discussion of the review of the Peace Institute. He noted that since Dr. John Attanasio would be stepping down as director, he would not be attending the meeting. He suggested that the discussion focus on the academic substance of the institute's program rather than on issues of governance.

Uma Balakrishnan said that the discussion was interrupted last time because Dr. Attanasio was not present. If the discussion is to concern academics now, Dr. Johansen is not here. It seems pointless to continue.

Dr. Hatch said that a report of the discussion would be made to the provost.

Kurt Mills noted that Dr. Johansen should have been invited.

Dr. Hatch said that the discussion should go on for the record.

Dr. Goerner suggested that candidates for the directorship be given a copy of the review report, and that the discussion be continued when a director is in place who can respond to it.

Dr. Gutting suggested that the new director be invited at the appropriate time, and expressed concern that the report not be 'lost' in the meantime.

Dr. Hatch agreed to both points.

Dr. Gutting went on to applaud the provost for appointing a search committee to fill this post. He suggested urging the provost to have the committee consult with the institute regularly.

Dr. Goerner wanted to make this a formal motion.

The motion to urge the provost to encourage close consultation between the search committee and the Peace Institute was passed.

Dr. Connolly said that the charge that the master's program in Peace Studies was not rigorously analytical was a serious one, and that it had not been properly addressed in the last meeting.

Dr. Hatch said that this issue did need further examination.

Dr. Goerner asked about what percentage of the funding for Peace Institute graduate students came from the Graduate School.

Dr. Hatch replied that the institute has its own budget, but that the Graduate School supplies the institute with 10 academic year tuition scholarships and one fellowship.

IV. APPLICATION FOR ADMISSION TO DEGREE CANDIDACY

A motion to approve the admission of students to degree candidacy was unanimously passed.

V. CLOSING REMARKS

Dr. Hatch noted that Mr. Edward Augustine, currently the assistant dean for Graduate Admissions at New York University, will be joining the Graduate School staff on July 1, 1992, as the new assistant dean for Minority Recruitment.

He thanked the outgoing members of the Graduate Council and welcomed new members Dr. Maureen Hallinan, Dr. Jeff Kantor and Dr. Tom Nowak.

Finally, Dr. Hatch discussed some of the issues which confront graduate education here at Notre Dame.

It is necessary, he said, to make stipends more competitive, to increase the number available, particularly in the humanities, and to fund our students for more than four years. He noted that the premier fellowships really pay off, as we have been able to attract top students with them.

Health insurance for graduate students is another pressing concern, and the Graduate School will be considering what it can do to alleviate the stress on students who have families with one income.

Dr. Hatch announced that \$5 million over five years has been allocated from the NBC contract for a graduate fellowship endowment.

He also noted that the general allocation for the Graduate School for the 1992-93 fiscal year was above the level for the rest of the University.

The quality of our programs needs to be examined, and we need to ask ourselves if we are adequately preparing our students for the profession.

Finally, we must continue to demonstrate the interconnectedness of undergraduate and graduate education at Notre Dame.

University Committee on Libraries April 20, 1992

The meeting was called to order at 4 p.m. in the Office of the Acting Director of Libraries by the chairman, John Lucey. Also in attendance were Harvey Bender, Elizabeth Forbis, Maureen Gleason, Mike Morris, Robert Scheidt, Lorenzo Zeugner and secretary Melodie Eiteljorge.

The minutes of the meeting of February 24 were approved with a correction.

Lucey announced that Donald Sniegowski has been elected as the new representative from the College of Arts and Letters. The election for an engineering representative is underway. Lucey has contacted Rev. Oliver Williams, C.S.C., associate provost, in regard to an election for the two atlarge positions. That election was scheduled for last spring but was not held.

Gleason reported that there has been no comment on her recent letter to the faculty concerning cuts in serials. She distributed copies of a letter that was sent to the branch libraries, where a large portion of the increases has occurred. Some extra money received will be used to provide enhanced access.

Gleason also distributed a draft of a letter to faculty members whose borrowing privileges are being revoked. There were some minor changes suggested. The list is shorter this year, partly because the time period between renewal projects was shorter.

Gleason recently talked with a professor who was concerned about service hours in the Hesburgh Library during break periods. She noted that at this time the libraries are struggling to maintain service hours without cuts. Increases are impossible. Other research libraries have been cutting back both building and circulation hours. She has written to James Powell of the Graduate School, indicating that extra funds will be necessary if branch hours are to be extended during intersession and summer school.

Bender asked if a review of hours should be a future agenda item for the committee. It was agreed that this should be included in next year's schedule.

Gleason next reported that work-related injuries have become a major concern in the libraries over the past few months. Wrist, arm and shoulder injuries are occurring. Some have been diagnosed as carpal tunnel syndrome, others tendonitis. Library administrators are working with representatives from Risk Management, Human Resources and the University administration to assess the problem and find solutions.

Scheidt asked if the injuries are a result of keyboard use. Zeugner replied that repetitive task situations seem to be the cause, not specifically keyboard use. Bender asked if the problem has surfaced as a topic in professional library associations. Gleason replied that it has not to any great extent at this point. Forbis asked if the situation is unique to the libraries. Gleason replied that there have been isolated cases across campus, but not to the extent experienced in the libraries.

The University administration has hired consultants to assess this problem and has asked Risk Management for a report. Gleason held a library faculty/staff meeting earlier in the week to discuss the situation. One long-term possibility is to change job duties, but this is a complicated task. Meanwhile, resolving the problem remains a primary goal for the libraries.

There being no further business, the meeting adjourned at 5 p.m. The next meeting is set for May 18, 4 p.m., in the Office of the Director of Libraries.

Respectfully submitted,

Melodie Eiteljorge Secretary

University Libraries' Hours During Summer Session June 23 - August 5, 1992

Hesburgh Library

	Building	Public Services	
Saturday	9 a.m midnight	9 a.m 5 p.m.*	
Sunday	1 p.m midnight	1 p.m 5 p.m.*	
Monday through Thursday	8 a.m midnight	8 a.m 10 p.m.**	
Friday	8 a.m midnight	8 a.m 5 p.m.***	

^{*}The Reserve Book Room will be open until 8 p.m. The Audio-Video Center will be closed.

Branch Libraries

	Architecture	Chem/Physics	Engineering	Life Science	Math
Saturday	Closed	Closed	Closed	Closed	Closed
Sunday	Closed	Closed	Closed	Closed	Closed
Monday through Friday	10 p.m3 p.m.	8 a.m5 p.m.	8 a.m5 p.m.	8 a.m5 p.m.*	8 a.m 5 p.m.

Life Sciences will be open Monday evenings until 9 p.m.

All libraries return to intercession scedule August 5.

^{**}The Audio-Video Center will close at 5 p.m.

^{***}The Reserve Book Room will be open until 8 p.m.

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

Anthropology

Schurr, Mark R.

M.R. Schurr. 1992. Isotopic and Mortuary Variability in a Middle Missippian Population. *American Antiquity* 57(2):300-320.

Art, Art History and Design

Peterson, Barbara L.

- B.L. Peterson. 1992. Fabric Construction, Surface Design. Altar Antependium, 2 Clergy Stoles, 1 Bishop's Stole for Worship: Diversity. United Methodist Church, Northern Conference, Indianapolis, Indiana.
- B.L. Peterson. 1992. Fabric Construction/Sky Sculpture. Come Holy Spirit. United Methodist Church, Northern Conference, Indianapolis, Indiana.
- B.L. Peterson. 1992. Fabric Construction/Sculpture. Processional Resurrection Cross. United Methodist Church, Northern Conference, Indianapolis, Indiana.
- B.L. Peterson. 1992. Fabric Construction, Surface Design. Altar Antependia, 1 Clergy Stole, 1 Bishop's Stole for Worship: Baptism. United Methodist Church, Northern Conference, Indianapolis, Indiana.
- B.L. Peterson. 1992. Fabric Construction, Surface Design. Altar Antependia, 4 Clergy Stoles, 1 Bishop's Stole for Worship: Communion. United Methodist Church, Northern Conference, Indianapolis, Indiana.
- B.L. Peterson. 1992. Fabric Construction, Surface Design. Altar Antependia, 2 Clergy Stoles, 1 Bishop's Stole for Worship: Covenant. United Methodist Church, Northern Conference, Indianapolis, Indiana.
- B.L. Peterson. 1992. Fabric Construction, Surface Design. Wedding Stole. Trinity United Methodist Church, Elkhart. Indiana.
- B.L. Peterson. 1992. Surface Design, Banner. Crown of Thorns. Trinity United Methodist Church, Elkhart, Indiana
- B.L. Peterson. 1991. Fabric Construction, Surface Design. Great Lakes Killer Storm, November, 1913. South Bend Art Center, Fiber Artisan's Exhibition: Reflections, South Bend, Indiana.

Rosenberg, Charles M.

C.M. Rosenberg. 1992. The Este of Ferrara. *Schifanoia* 10:15-18.

Economics

Mirowski, Philip E.

- P.E. Mirowski. 1992. Talous, Instituutiot ja Kulttuuri. An Interview with Philip Mirowski, by Visa Heinonen. *The Finnish Economic Journal* 88(1):50-63.
- P.E. Mirowski. 1992. Comment on Breaking Away: History of Economics as History of Science, Mini-Symposium. *History of Political Economy* 24(1):221-223.

English

Brogan, Jacqueline V.

- J.V. Brogan. 1992. Doll Collection (Poem). *Habersham Review* 1(2):175.
- J.V. Brogan. 1991. The Moral of the Story: Naming the Thief in Babylon. *Ellipsis* 1(2):277-286.
- J.V. Brogan. 1992. Modern Puzzle. *Habersham Review* 1(2):176.

Costello, Donald P.

D.P. Costello. 1992. Black Man as Victim: The Plays of LeRoi Jones from 1968. Pages 126-130 *in*, J.P. Draper, ed., Black Literature Criticism: Volume One. Gale Research Incorporated, Detroit, Michigan.

Psomiades, Kathy A.

K.A. Psomiades. 1992. Review of Subjectivities: A History of Self-Representation in Britain, 1832-1920 by Regenia Gagnier. *Victorian Studies* 35(2):232-233.

Vesta, Edward

E. Vesta. 1992. Narrative Pessimism and Textual Optimism in Chaucer's House of Fame. Pages 35-47 in, D.G. Allen and R.A. White, eds., The Work of Dissimiltude: Essays from the Sixth Citadel Conference on Medieval and Renaissance Literature. University of Delaware Press, Newark, Delaware.

Government and International Studies

Dowty, Alan K.

A.K. Dowty. 1992. The Gulf Crisis: A Missed Opportunity for International Enforcement. *Middle East Focus* 14(2):2-11.

Mainwaring, Scott P.

- S.P. Mainwaring, G. O'Donnell and J.S. Valenzuela. 1992. Introduction. Pages 1-16 in, S. Mainwaring, G. O'Donnell and S.J. Valenzuela, eds., Issues in Democratic Consolidation: The New South American Democracies in Comparative Perspective. University of Notre Dame Press, Notre Dame, Indiana.
- S.P. Mainwaring. 1992. Transitions to Democracy and Democratic Consolidation: Theoretical and Comparative Issues. Pages 294-341 *in*, S.P. Mainwaring, G. O'Donnell and J.S. Valenzuela, eds., Issues in Democratic Consolidation: The New South American Democracies in Comparative Perspective. University of Notre Dame Press, Notre Dame, Indiana.

S.P. Mainwaring, G. O'Donnell and J.S. Valenzuela. 1992. Issues in Democratic Consolidation: The New South American Democracies in Comparative Perspective. University of Notre Dame Press, Notre Dame, Indiana. vii + 357 pp.

History

Gleason, Philip J.

- P.J. Gleason. 1992. American Catholic Higher Education, 1940-1990: The Ideological Context. Pages 234-258 *in*, G.M. Marsden and B.J. Longfield, eds., The Secularization of the Academy. Oxford University Press, New York. New York.
- P.J. Gleason. 1992. Immigration, Religion, and Intergroup Relations: Historical Perspectives on the American Experience. Pages 167-187 *in*, D.L. Horowitz and G. Noiriel, eds., Immigrants in Two Democracies: French and American Experiences. New York University Press, New York, New York.

Music

Cerny, William J.

- See under Plummer, Carolyn R. March 1, 1992. Violin and Piano Recital. The Snite Museum of Art, University of Notre Dame, Indiana.
- See under Plummer, Carolyn R. September 22, 1991.

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- See under Plummer, Carolyn R. March 8, 1992. Violin and Piano Recital. Lyons Hall, Southwestern Michigan College, Michigan.

Plummer, Carolyn R.

- C.R. Plummer. April 11, 1992. Trio Concert. Manchester College, Manchester, Indiana.
- C.R. Plummer with W.J. Cerny. Sept. 22, 1991. Performance of Mozart Sonatas for Piano and Violin Second in a Series Commemorating the 200th Year of Mozart. The Snite Museum, Notre Dame, Indiana.
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Summary of Awards Received and Proposals Submitted

In the period April 1, 1992, through April 30, 1992

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	6	333,600	7	269,677	13	603,277
Facilities and Equipment	1	17,500	0	0	1	17,500
Instructional Programs	0	0	2	11,500	2	11,500
Service Programs	1	30,000	5	14,342	6	44,342
Other Programs	<u>1</u>	245,959	_0	0	_1	245,959
Total	9	627,059	14	295,519	23	922,578

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
category	No.	Amount	No.	Amount	No.	Amount
Research	8	1,123,607	9	1,999,881	17	3,123,488
Facilities and Equipment	0	0	1	92,000	1	92,000
Instructional Programs	1	241,444	0	. 0	1	241,444
Service Programs	1	40,500	0	0	1	40,500
Other Programs	0	0	_1	<u>53,446</u>	<u>· 1</u>	53,446
Total	10	1,405,551	11	2,145,327	21	3,550,878

Awards Received

In the period April 1, 1992, through April 30, 1992

AWARDS FOR RESEARCH

Aerospace and Mechanical Engineering

Huang, N.

Analysis of Interface Fracture in Composites

Bendix Engine Control System \$25,000

12 months

Paolucci, S., Sen, M.

Use of Wavelets in CFD

National Science Foundation

\$49,298

12 months

Dunn, P., Thomas, F.

Transonic Flow Visualization Study of a Flutter Exciter

NASA - Ames Research Center

\$18,144

5 months

Biological Sciences

Lamberti, G.

NSF Subcontract from Oregon State University

Oregon State University

\$28,576

12 months

Civil Engineering and Geological Sciences

Kareem. A.

Dynamic Response of Structures

National Science Foundation

\$10,000

5 months

Chemical Engineering

McCready, M.

Evolution of Flow Disturbances in Cocurrent Gas-Liquid

Flows

Department of Energy

\$54,000

12 months

Center for Study of Contemporary Society

Santos, J., Dawson, G.

Survey Funding for Gerontological and Geriatric

Specialization

Retirement Research Foundation

\$1,000

6 months

Electrical Engineering

Costello, D.

Coding and Coded Modulation Techniques

NASA - Goddard Space Flight

\$51.000

10 months

Mathematics

Stoll, W., Wong, P.

Theory of Several Complex Variables National Science Foundation

\$48,000

Physics

Aprahamian, A.

Nuclear Structure Research

National Science Foundation

\$55,000

12 months

Furdyna, J.

Semiconductor - Dielectric Interfaces

Department of the Navy

\$126,500

57 months

Furdyna, J., Giebultowicz, T., et al.

Neutron Scattering in DMSs

National Science Foundation

\$44,100

41 months

Psychology

Cole, D., Maxwell, S.

Competency-Based Model of Child Depression

National Institute of Health

\$92,659

12 months

AWARDS FOR FACILITIES AND EQUIPMENT

Electrical Engineering

Costello, D.

Sequential Decoding of Trellis Codes

National Science Foundation

\$17,500

12 months

AWARDS FOR INSTRUCTIONAL PROGRAMS

Civil Engineering and Geological Sciences

Halfman, J.

REU Supplement for ATM-9105842

National Science Foundation

\$3,500

12 months

Chemistry and Biochemistry

Helquist, P.

REU Supplement to New Methods in Organometallic

Chemistry

National Science Foundation

\$8.000

12 months

AWARDS FOR SERVICE PROGRAMS

Biological Sciences

Craig, G.

County Vector Program

St. Joseph County Health Department

\$30,000

8 months

N.D. Center for Pastoral Liturgy

Bernstein, E.

Center for Pastoral Liturgy

Various Others

\$7,229

1 month

Center for Pastoral Liturgy-Publications

Various Others

\$2,608

1 month

Center for Continuing Formation in Ministry

Cannon, K.

Center for Continuing Formation in Ministry

Various Others

\$3,600

1 month

Institute for Pastoral and Social Ministry

Cannon, K.

IPSM/Dynamic Parish

Various Others

\$395

1 month

Latin/North American Church Concerns

Cannon, K.

IPSM/LANACC

Various Others

\$510

1 month

AWARDS FOR OTHER PROGRAMS

Center for Educational Opportunity

Outlaw, W., Smith, R., et al.

Talent Search

Department of Education

\$245,959

12 months

Proposals Submitted

In the period April 1, 1992, through April 30, 1992

PROPOSALS FOR RESEARCH

Aerospace and Mechanical Engineering

Mueller, T.

Experimental Inversion and Simulation Propeller Blade

Department of the Navy

\$211.229

24 months

Biological Sciences

O'Tousa, J.

Genetic Analysis of Retinal Degeneration in Drosophila

National Institute of Health

\$134,655

12 months

Lamberti, G., Lodge, D.

Interactions of Zebra Mussel and Crayfish

Environmental Protection Agency

\$450,199

36 months

Civil Engineering and Geological Sciences

Halfman, J.

Paleoclimatic Analysis of Lake Superior Sediments

National Science Foundation

\$238,157

24 months

Chemical Engineering

Leighton, D.

Shear-Induced Migration in Bidisperse/Polydisperse

Suspension

Lockheed Company

\$48.596

12 months

Varma, A.

Development of Catalysts with High Selectivity and Yield

National Science Foundation

\$392,576

36 months

Combustion Synthesis of Ceramic Superconductors

Purdue University

\$102,214

12 months

Chemistry and Biochemistry

Castellino, F.

Structure-Function Studies on Plasminogen and Plasmin

National Institute of Health

\$332,548

12 months

Electrical Engineering

Antsaklis, P., Lemmon, M.

Intelligent Control and DES Identification

National Science Foundation

\$396,377

36 months

Choudhary, K., Bandyopadhyay, S.

Characterization of New High Superconductors

Purdue University

\$95,834

12 months

Michel, A.

Qualitative Analysis of Complex Dynamical Systems

National Science Foundation

\$65,928

12 months

McGinn, P.

Processing of Textured Superconducting Microlaminates

Purdue University

\$74,073

12 months

Critical Current Density in YBCO

Purdue University

\$172,678

12 months

Electrical Engineering/Physics

Choudhary, K., Ruggiero, S.

Study of Compositional Modulation in High-Tc

Superconductory

Purdue University

\$157,242

12 months

Physics

Tomasch, W., Furdyna, J.

Infrared and Microwave Magneto-Dissipation in

Superconductors

Purdue University

\$121,960

12 months

Tegler, S., Rettig, T.

Relative Abundance of Ices in Disks/Pre-Main-Sequence

Stars

NASA - Ames Research Center

\$39,222

12 months

Blackstead, H.

Microwave Dissipation in High-Temperature

Superconductors

Purdue University

\$90,000

12 months

PROPOSALS FOR FACILITIES AND EQUIPMENT

Physics

Cason, N., LoSecco, J., et al.

Equipment for Brookhaven Experiment E-852

National Science Foundation

\$92,000

6 months

PROPOSALS FOR INSTRUCTIONAL PROGRAMS

Biological Sciences

Rai. K.

Experimental Parasitology and Vector Biology

National Institute of Health

\$241,444

12 months

PROPOSALS FOR SERVICE PROGRAMS

Biological Sciences

Craig, G.

County Vector Program

St. Joseph County Health Department

\$40.500

8 months

PROPOSALS FOR OTHER PROGRAMS

Center for Social Concerns

McClory, E.

Indiana Consortium for Voluntary Service

Commission on National/Community Service

\$53,446

12 months

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