

notre dame report

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the university

furdyna named to marquez chair

Jacek K. Furdyna, former director of Purdue University's Materials Research Laboratory and a world leader in the design and development of new semiconductor materials, will join Notre Dame as the Aurora and Tom Marquez University Professor. The endowed chair was established for a specialist in computer technology and information theory.

Born in Poland, Furdyna was deported to Siberia at the age of six by the Russian government, and after his release lived for a time in the Middle East and England. After arriving in the United States he attended Holy Trinity High School, operated in Chicago by the Congregation of Holy Cross. In 1955 he was graduated from Loyola University, Chicago, with a bachelor's degree in physics. He completed his doctorate in physics at Northwestern University in 1960 and worked there as a research associate for the next two years. Furdyna was a staff member of the Francis Bitter National Magnet Laboratory of the Massachusetts Institute of Technology until 1966, when he joined the Purdue physics faculty. At Purdue, he chaired the Materials Sciences Council from 1982-84, the same year in which he was appointed director of the Materials Research Laboratory.

Furdyna's research concerns the development and creation of man-made materials aimed at performing extremely fast functions in computers of future generations. Known as diluted magnetic semiconductors, these materials are grown in crystal form one atomic layer at a time. They possess magnetic, optical and semiconductor properties that show great promise for new types of computers that will function with optical fibers rather than wires to transmit information between their circuit boards at nearly the speed of light. The Aurora and Tom Marquez Chair honors the parents of a Dallas businessman who was graduated from Notre Dame in 1959.

faculty salaries in top 20% for second year

Notre Dame faculty salaries have been ranked in the top 20 percent in the nation for the second year in a row, according to the annual survey by the American Association of University Professors (AAUP).

The average Notre Dame salaries for 1985-86 are as follows: full professor, \$51,954; associate professor, \$38,416; assistant professor, \$31,304, and all ranks \$41,503. Increases over the previous year averaged 7 percent.

In 1978-79, when no Notre Dame faculty salaries were in the top 20 percent, the University set as a goal the achievement of that ranking for all three professorial grades and in 1984-85 accomplished it.

An analysis of AAUP salary data reveals that Notre Dame's average for all ranks in the current academic year puts it 32nd in the nation and higher than any other Catholic institution of higher learning. Other rankings are full professor (32nd), associate professor (11th), and assistant professor (20th).

"Academic excellence correlates closely with faculty compensation," commented Provost Timothy O'Meara, "and we are pleased at the improvement we have been able to make over the past seven years."

There are 164 schools in the AAUP survey, which includes the major doctorate-granting, research universities in the nation.

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faculty notes

honors

The 1986 Sheedy Award for Excellence in Teaching in the College of Arts and Letters will be presented to James O. Bellis, associate professor of anthropology and a member of the faculty since 1970. Bellis, who received his doctorate from Indiana University, has conducted archaeology research in Ghana, West Africa, and several midwest sites in America. He is currently involved in developing underwater archaeology skills. Formal presentation of the award, named for Rev. Charles E. Sheedy, C.S.C., former dean of the college, will be made at the fall meeting of the college's advisory council.

John J. Gilligan, director of the Institute for International Peace Studies, O'Malley University professor and special assistant to the President for Public Policy, has been appointed to the Board of Visitors of the School of Public and Environmental Affairs, Indiana University, Bloomington.

Paul R. Grimstad, assistant professor of biological sciences, was presented with the 1986 Outstanding Research Award by the Notre Dame Chapter of Sigma Xi, the Scientific Research Society, at the annual initiation ceremony and award banquet April 21, for his recent publication, "Jamestown Canyon virus (California serogroup) is the etiologic agent of widespread infection in Michigan humans," which was published in the American Journal of Tropical Medicine and Hygiene.

Mitchell Lifton, professor of communication and theatre, has been named a Fellow of the Center for Study, Research and Development, University of Maryland, College Park, for 1986-87. He also was named executive producer by Harold Pinter for his forthcoming film "Proust," and producer of a forthcoming PBS/BBC Series, "Climate and Society," by the Vision Group, London, and the University of Maryland Visual Press.

Stuart T. McComas, professor of aerospace and mechanical engineering, received the Outstanding Teacher Award April 27 during the College of Engineering's annual Honor Award ceremony. McComas, a specialist in heat transfer, received

his bachelor's degree from Marquette University and master's and doctoral degrees from the University of Minnesota. From 1970-74, he was assistant dean for research and special projects for the College of Engineering. He received the Environmental Protection Agency's Bronze Medal for Commendable Service in 1975 after working for a year with the agency's Office of Air and Waste Management.

Guillermo O'Donnell, academic director of the Kellogg Institute and Helen Kellogg professor of international studies, has been appointed a member of the Committee on Foreign Policy Studies of the Social Science Research Council.

Thomas J. Schlereth, professor of American Studies, has received the National Council Award of the National Council on Public History for his essay, "Material Culture Research and Historical Explanation," judged to be the best article to appear in "The Public Historian," the refereed journal of the Council published at the University of California. The award, which also carries a research stipend, was made at the Organization of American Historians national meeting, New York City, April 11.

activities

Kathleen A. Biddick, assistant professor of history, delivered a paper titled "Seigneurial Control of the Consumption of Pastoral Production on an English Feudal Estate of the 14th Century" at the annual meeting of the Society for Economic Anthropology on Problems and Issues in the Study of Consumption at the University of Illinois, Urbana-Champaign, April 11-12.

Rev. David B. Burrell, C.S.C., professor of theology, presented a paper titled "Divine Practical Knowing: How an Eternal God acts in

Time" at a conference on the thought of Austin Farrer, held at Louisiana State University, Baton Rouge, April 16.

Stephen R. Carpenter, associate professor of biological sciences, delivered a seminar titled "Paleolimnological Indicators of Food Web Interactions" at the Great Lakes Environmental Research Laboratory, University of Michigan, Ann Arbor, April 17.

Dino S. Cervigni, associate professor of modern and classical languages, presented a paper titled "La triplice versione del Liber de Libris Propriis di G. Cardano" and made a presentation on "Technology, Research, and Publication" at the Sixth Annual Conference of the American Association of Italian Studies, held at the University of Toronto, Canada, April 11-13.

Craig J. Cramer, assistant professor of music, presented a paper titled "The Cantiques de Noël, Op. 15, by A.P.F. Boëly: A French Orgelbüchlein?" at the national convention of the Music Teachers' National Association, Portland, Ore., April 10.

Michael J. Crowe, professor in the Program of Liberal Studies, presented a paper titled "The Extraterrestrial Life Debate: An Early American Episode and Its Present Significance" for the Friends of the Notre Dame Library Jan. 21, and presented the same paper at the Colfax Cultural Center in South Bend April 5 as part of the Comet Halley celebration. On March 8, he presented a paper titled "The Influence of the Extraterrestrial Life Debate on the Erection and Improvement of Astronomical Observatories" at the meeting of the Midwest History of Science Society in Cleveland, Ohio.

Vincent P. DeSantis, part-time professor emeritus of history, presented a paper on "The United States and Western European Security Arrangements" at a Conference on War and Diplomacy at The Citadel Military College, Charleston, S.C., April 10-11.

John D. Dow, Freimann professor of physics, gave the following presentations: "Defective semiconductors: from deep levels to order-disorder transitions in $(\text{GaAs})_{1-x}\text{Ge}_2\text{x}$ " at the Spring 1986 Electronic Materials and Devices Seminars, held at Princeton University, Princeton, N.J., Feb. 3; "Semiconductor Alloys and Defects" at an invited colloquium sponsored by the department of physics at the University of Toledo, Ohio, Feb. 13; and "Future of Microelectronics in Indiana" at the Microelectronics Committee meeting held at CTS Corporation, West Lafayette, Ind., March 19.

Keith J. Egan, adjunct professor of theology, participated in the annual spring meetings of the Carmelite Forum May 2-4. He also lectured on "Images of God in The Interior Castle" at the 21st International Congress on Medieval Studies held at Western Michigan University, Kalamazoo, May 10.

Rev. Patrick D. Gaffney, C.S.C., assistant professor of anthropology, presented a paper on "Islamic Preaching in Contemporary Egypt: Rhetoric Expression and Social Distance" at the meetings of

The American Research Society in Egypt, Washington, D.C., April 19.

Teresa Ghilarducci, assistant professor of economics, gave a workshop entitled "Women and Men in the Michiana Labor Force" for a meeting of the Indiana Council for Economic Education at Purdue University, held in South Bend April 17. She also presented a colloquium, "Pensions as Contingent Claims: Moral Hazard and Collective Bargaining," at Cornell University, Ithaca, N.Y., April 8, and presented research at a conference on "Working Women in the 1990's" at Saint Mary's College March 22.

John J. Gilligan, Director of the Institute for International Peace Studies, O'Malley University Professor and special assistant to the President for Public Policy, delivered an address titled "A Tribute to Dr. Pauling" as part of a birthday celebration honoring Dr. Linus Pauling at Oregon State University, Corvallis, April 18.

Denis Goulet, O'Neill professor of education for justice, gave six classes at the IV Curso Interamericano sobre "Problemas Sociales Contemporaneos en America Latina y el Caribe," sponsored by CIDES (Centro Interamericano para el Desarrollo Social), Buenos Aires, Argentina, April 14-25. CIDES also sponsored two public lectures by Dr. Goulet, titled "Participacion: lecciones de la experiencia y nuevos rumbos" and "Tecnologia y Desarrollo Social: Solucion o Peligro?"

Jeffrey C. Kantor, assistant professor of chemical engineering, presented a seminar, "Global Linearization of Several Chemical and Biochemical Processes" for the departments of chemical engineering at Auburn (Ala.) University (April 14) and at the University of Massachusetts, Amherst (April 17).

Mitchell Lifton, professor of communication and theatre, presided over final script conferences for the film "Nothing Immoral: An Intimate Biography of Brecht and His Circle" with director Alain Resnais and scriptwriter Jorge Semprun in Paris, France, March 22-April 11. Lifton also served as dramaturge for Samuel Beckett's productions of his own plays, "Waiting for Godot," "Endgame," and "Krapp's Last Tape" with the American troupe, The San Quentin Drama Workshop, in Berlin April 2-13, Paris April 13-21, and is currently touring Germany and Scandinavia.

Vicki J. Martin, assistant professor of biological sciences, gave an invited presentation titled "A new teratogenic risk assessment bioassay system utilizing marine hydrozoans" at the Center for Alternatives to Animal Testing, Johns Hopkins University, Baltimore, Md., April 11-16.

John L. McIntosh, research associate in the Center for Gerontological Education, Research and Services, presented four papers at the annual meeting of the American Association of Suicidology in Atlanta, Ga., April 4-5. His topics were: "Cross-Ethnic Suicide: U.S. Trends and Levels"; "Trends in Racial Differences in Suicide Statistics"; "Survivors' Reactions: Suicide vs.

Other Causes"; and "Clues to Suicide and Suicide Survivors." He also presented three papers at the annual meeting of the American Orthopsychiatric Association in Chicago, Ill., April 11, titled "Survivors of Suicide: Research Issues"; "Sex Differences in Suicide Rates Through the Life Cycle"; and "Reactions and Feelings of Survivors of Suicide Compared to Survivors of Other Causes of Death." McIntosh also co-chaired a session on suicide at the meeting.

Leonard E. Munstermann, assistant faculty fellow in biological sciences, gave a symposium address titled "Cytogenetics and Biochemical Features of Sabethes Mosquitoes of the Neotropical Canopy" in the symposium "Mosquito Systematics" during the annual meeting of the American Mosquito Control Association, New Orleans, La., April 20-24. He also was chairperson and presented the Seventh Annual AMCA Photo Salon in two evening showings at the meeting, and was moderator for a Submitted Paper Session titled "Genetics, Resistance."

Mark E. Nadel, professor of mathematics, gave a lecture on "Reducts of Models of Arithmetic" to the Program Verification Group at MITRE Corp., Bedford, Mass., March 26. He also gave an invited address titled "Some Spectra of Torsion-free Abelian Groups" at the Association for Symbolic Logic meeting in Indianapolis April 12.

William L. Petersen, visiting assistant professor of theology, coordinated (with Rev. Charles Kannengiesser, S.J., Huisking professor of theology) the Origen Colloquium held at Notre Dame April 11-13, and delivered a paper titled "Origen and the Text of the New Testament" at the colloquium. He also presented a paper on "Origen of Alexandria and the Birth of New Testament Biblical Criticism" at Old College, Reno, Nev., April 16, inaugurating a four-lecture series for the Nevada Commission on the Humanities.

Alvin Plantinga, O'Brien professor of philosophy, gave the Suarez Lecture, "On Ockham's Way Out," at Fordham University, New York, N.Y., Feb. 28. He also gave a lecture on "Christian Philosophy" at a meeting of the Society of Christian Philosophers at Loyola Marymount University, Los Angeles, Calif., March 7, and lectured on "Evil and Probability" and "Is Belief in God Rational?" at Gordon College, Wenham, Mass., April 17. He lectured on "Epistemic Justification" at Arizona State University, Tempe, April 29, and presented the lead symposium paper, "Justification," at the Central Division meetings of the American Philosophical Association, St. Louis, Mo., May 2.

Michael J. Radzicki, assistant professor of management, presented two papers: "An Application of Generic System Dynamics Structure to the Atlantic City Casino Problem" and "Simulating Boom-Town Conditions on a Chippewa Indiana Reservation," and chaired a session on "Recent Advances in System Dynamics Using STELLA" at the 17th annual Pittsburgh Modeling and Simulation Conference, University of Pittsburgh, Pa., April 24.

Karamjit S. Rai, professor of biological sciences, delivered a paper titled "Genetic variability in

the *Aedes albopictus* populations" in the symposium on "*Aedes albopictus* in the Americas" held at the annual meeting of the American Mosquito Control Association, New Orleans, La., April 20-24.

Paul Roche, visiting professor in the Program of Liberal Studies and poet-in-residence, gave a reading of his work at Southampton College, Long Island University, April 16. He also delivered two lectures, "A Guide Through the Ruins of Greek Tragedy," and "The Poet and Our Survival," at Centenary College, Hackettstown, N.J., April 16.

Thomas J. Schlereth, professor of American Studies, gave the annual Peterson Lecture at the Cincinnati (Ohio) Historical Society March 13. His topic was "Urban History and Urban Museums: Retrospect and Prospect." He also presented a three-day lecture series, "Material Culture: Theory and Practice," at the University of New Brunswick, Department of History, at Fredericton and St. John, New Brunswick, Canada, April 1-4, and gave the keynote address, "Research on the History of Childhood in America" at the Eastern Illinois University Conference on Historical Childhood, Charleston, Ill., April 5.

Robert M. Slabey, associate professor of English, organized and chaired a special session, "Teaching the Literature of the Vietnam War," at the Convention of the Modern Language Association of America, Chicago, Ill., Dec. 30. He also read a paper, "Tim O'Brien: Vietnam Twice Told," at the annual meeting of the Popular Culture Association, Atlanta, Ga., April 3.

Phillip R. Sloan, associate professor in the Program of Liberal Studies, gave a lecture, "Faith and Evolution: A Catholic Analysis of the Darwinian Revolution," at a meeting of the Thomas More Society held on campus April 2.

J. Eric Smithburn, professor of law, delivered a lecture titled "The Family Therapist as Expert Witness in the Courtroom" at the University of Louisville (Ky.) School of Law April 18.

Lee A. Tavis, Smith professor of business administration, participated in a panel on divestiture at the Midwest Finance Association annual meeting, Chicago, Ill., March 20.

Russell G. Wahlers, assistant professor of marketing, presented a paper (co-authored by Mark G. Dunn, assistant professor of marketing) titled "Journal of Marketing: Topics and Selected Authorship Patterns 1974-85" at the 1986 Winter American Marketing Association Conference held in St. Petersburg Beach, Fla., in February. The paper was included in the knowledge development and assessment track.

Rev. Joseph L. Walter, C.S.C., chairman of the Department of Preprofessional Studies and associate professor of chemistry, chaired the regional convention of Alpha Epsilon Delta, the honorary premedical society, in Columbus, Ohio, April 9-12. Fr. Walter is the current national president of AED.

Howard Wettstein, associate professor of philosophy, gave a lecture titled "Bringing Belief Down to Earth" at Stanford (Calif.) University March 19, and at the University of Chicago April 11.

Rev. Oliver F. Williams, C.S.C., assistant professor of management, was honored as the John F. Kennedy Lecturer and gave three presentations: "Being a Christian in the Business World: The Challenge and the Promise"; "South Africa: The Moral Dilemmas"; and "Religion: The Spirit of the

Enemy of Capitalism" at the University of Texas, Austin, April 21-23.

Eduardo E. Wolf, professor of chemical engineering, presented two papers at the national meeting of the American Chemical Society, New York, N.Y., April 14-17. The first paper, "FTIR Studies of Hydrocarbon Synthesis," was coauthored by R. Thomson; the second paper, "Catalyst Characterization and FTIR Studies of the NO-CO reaction on Pt/SiO₂/W₂O₃ Catalysts," was coauthored by J. Regalbuto.

administrators' notes

appointments

Carole (Kelly) J. Havens has been appointed associate director of the Computing Center. She received her master's and doctoral degrees from the University in 1979 and 1985 respectively. Dr. Havens joined the staff of the Computing Center as a consulting programmer in 1979, and most recently served as assistant director for User Services.

Sr. Pat McCabe, C.S.C., vocation director for the Holy Cross Sisters since 1981, has been appointed director of religious education for Notre Dame's Office of University Ministry, effective in August. A Brooklyn native, Sr. McCabe was graduated from Saint Mary's College in 1965 and professed vows as a Holy Cross Sister the same year. She has held assignments as a teacher and religious education director, and holds a master's degree in religious education from LaSalle University in Philadelphia, Pa.

honors

Sr. Jean Lenz, O.S.F., assistant vice president for student affairs, has been awarded the 1986 Professional Achievement Award by the alumni association of her alma mater, the College of St. Francis in Joliet, Ill. Sr. Jean, who received the award at an alumni reunion banquet April 26, was graduated from the College in 1952 with a degree in English and journalism. She holds a master's in theology from Notre Dame.

Ellen D. Rogers, sponsored programs administrator, has been chosen president-elect of the Midwest Section of the Society of Research Administrators.

documen- tation

university libraries minutes march 12, 1986

The meeting was called to order at 4 p.m. in the Conference Room of the Administrative Office, 221 Memorial Library, by Harvey A. Bender, the Committee chairperson. Present in addition to Professor Bender were Committee members Lloyd H. Ketchum, Jr., Bill D. McDonald, Robert C. Miller (ex officio), and James E. Robinson, and the Committee secretary, John B. Harlan.

The minutes of the meeting of February 17, 1986 were approved as amended.

Professor Bender noted for the record that he had received an expression of appreciation from the Faculty Senate's Executive Committee for the Committee's attendance at, and participation in, the Faculty Senate meeting of March 3, 1986. The Committee reviewed and discussed that meeting, and again noted its appreciation for the Senate's interest in the Libraries.

Mr. Miller gave his report as Director of Libraries:

1. There are good pools of apparently well-qualified candidates for the four major position searches currently in progress within the University Libraries: the professional positions of Bibliographer for Latin American Studies, Economics, and Government (for which there are several applicants from abroad), Library Systems Manager, and Physical Sciences/Mathematics Librarian, and the nonprofessional administrative position of Library Budget and Administrative Services Officer. Interviewing for all three professional positions should begin shortly; one candidate for Library Budget and Administrative Services Officer has already been interviewed, and more will be soon. Professor Bender asked if there is a pool of potential applicants possessing both the automation expertise we need for the Library Systems Manager and an American Library Association-accredited Master of Library Science degree. Mr. Miller reported that there is such a pool, and that the M.L.S. is a desirable qualification for that position. Professor Bender suggested that when final candidates are interviewed for senior positions in the University Libraries, perhaps one member of the Committee should have an opportunity to meet them on an informal basis.

2. Jane Burke of the Northwestern Online Total Integrated System (NOTIS) will be on campus Friday. The draft contract to acquire the NOTIS system for installation as Notre Dame's integrated automated library system arrived in today's mail, and it is hoped the contract can be finalized in the very near future. Mr. Miller reported that he is continuing work with James Wruck regarding the Computing Center's role in the operation of NOTIS. Professor Bender inquired if various University constituencies (such as the Executive Committee for Computing Policy and the University Committee on Computing) are involved in the automation process at this point. Mr. Miller reported that many campus computing concerns have been delegated to James Wruck, with whom he is working very closely. Professor Robinson asked if the various College computing committees are involved, as their members possess a great deal of expertise. Mr. Miller replied that the process is still in its very early stages, but that input will certainly be sought. Professor Robinson stated that he felt liaison with those committees in the early stages of the automation process could prove very helpful in its later stages.

3. The budget process for fiscal year 1986-87 is almost complete, but the acquisitions allocation cannot be finalized until the fourth quarter earning statements have been received and digested. The statements are usually received in May. Professor Bender recalled the sentiment expressed during the recent Faculty Senate meeting that some academic units of the University feel they are inadequately represented in library acquisitions allocations. He asked if the Committee could receive and discuss some empirical evidence of academic unit acquisitions spending patterns.

4. Mr. Miller noted that Committee members had received materials regarding preservation considerations of library physical environments. The Committee agreed to digest these materials and consider them during its April 3, 1986 meeting. Professor McDonald asked why, if there is a problem with library environmental controls, the problem has not been addressed before. Mr. Miller reported that proposals to improve environmental conditions in the Libraries -- the branch libraries as well as Memorial -- have been made on several occasions in the past, but have been turned down. This includes a request that the temperature in the Memorial Library Tower be maintained at a constant level, which was rejected on economic grounds. Professor Robinson suggested the Committee consider resubmitting such proposals. Professor Bender proposed a cost-benefit analysis to help make the point that it will ultimately be more expensive to the University not to protect its library collections than to allocate the financial resources necessary to provide such protection.

Professor Bender noted that Professor Scheidt had called the Committee secretary to suggest an agenda item. John Harlan relayed Professor Scheidt's suggestion that any data bases acquired in whole, rather than just accessed at cost, by the University Libraries should be loaded on the same computer hardware used for the NOTIS integrated automated library system, rather than on any other Computing Center hardware. Mr. Miller noted for background that Professor Scheidt is currently drafting a proposal that the Libraries acquire a database on crystallography, but stated that he feels the question may be largely a technical one regarding hardware capabilities and capacities. Professor Bender suggested that the matter be deferred until a future meeting. He expressed his belief that access to any databases acquired by the Libraries should be open to all. Mr. Miller agreed, but noted that there are often use restrictions on locally acquired, as well as remotely accessed, databases, and cited LEXIS as an example. Professor McDonald cited several similar examples of use restrictions on databases owned or accessed by the faculty of the College of Business Administration, some of which are necessary to ensure educational price discounts. Professor Robinson asked if the Libraries currently own any databases, and Mr. Miller replied that we do not.

Professor Robinson suggested that a future agenda item for Committee consideration might be subsidization of fee-based database searching. Professor Ketchum expressed his belief that funding of database searching is a departmental matter. Mr. Miller acknowledged that there is a real problem in the discrepancy in levels of research support available in different academic disciplines. While the Libraries want to foster access to information in electronic as well as print formats, there are serious financial implications in subsidizing database searching. Mr. Miller and Professor Bender agreed that it is very important that graduate and undergraduate students have exposure to, and experience in, database searching as part of their education at Notre Dame. It was agreed that funding of database searching will constitute an agenda item for the May 8, 1986 meeting of the Committee.

Professor McDonald inquired about the status of his memorandum regarding microform editions of various business journals, and Mr. Miller replied that he thought the matter had already been addressed, but would investigate and report back at an early date.

The next meeting of the Committee will be held Thursday, April 3, 1986 at 4 p.m. in the Conference Room of the Administrative Office, 221 Memorial Library. The agenda will include preservation considerations of library physical environments, and academic unit acquisition spending patterns. The following meeting will be held Thursday, May 8, 1986 (rather than Thursday, May 1, as previously scheduled) also at 4 p.m. in the Conference Room of the Administrative Office. The agenda for that meeting will include database searching. The final meeting of the 1985-86 academic year will be held Thursday, June 5, 1986 (the chairperson's birthday) at 4 p.m. in the Conference Room of the Administrative Office.

The meeting was adjourned at 4:56 p.m.

Respectfully submitted,

John B. Harlan
Secretary to the University Committee on Libraries

advanced studies

current publications and other scholarly works

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

COLLEGE OF ARTS AND LETTERS

Anthropology

Press, Irwin

- I. Press. 1986. Premedical Students as Patient and Family Liaisons in the Emergency Department: A Strategy for Patient Satisfaction. Journal of Emergency Nursing 12:23-25.

Economics

Goulet, Denis A.

- D.A. Goulet. 1986. Three Rationalities in Development Decision-making. World Development 14(2):301-317.

English

Vanden Bossche, Chris R.

- C.R. Vanden Bossche. 1986. Realism Versus Romance: The War of Cultural Codes in Tennyson's Maud. Victorian Poetry 24:69-82.

- C.R. Vanden Bossche. 1986. Desire and Deferral of Closure in Carlyle's Sartor Resartus and The French Revolution. The Journal of Narrative Technique 16:72-78

Jemielity, Thomas

- T. Jemielity. 1985. Review of T.F. Wharton's, Samuel Johnson and the Theme of Hope. Philological Quarterly 64:595-598.

Government and International Studies

Messina, Anthony M.

- A.M. Messina. 1986. Review of H. Berrington's, Change in British Politics. Journal of Politics 48(1):241-243.

History

Hamlin, Christopher

- C. Hamlin. 1986. Robert Warington and the Moral Economy of the Aquarium. Journal of the History of Biology 19(1): 131-153.

Modern and Classical Languages

Delgado-Gomez, Angel

- A. Delgado-Gomez. 1986. Autobiography as Self-advertisement: Torres Villarroel's Vida. CRISOL 4:57-88.

Sheerin, Daniel J.

- D.J. Sheerin. 1986. The Eucharist (Message of the Fathers of the Church 7). Michael Glazier, Inc., Wilmington, Delaware. 395 pp.

Welle, John P.

- J.P. Welle. 1986. Review of Cesare Ruffato, Parola bambola: Poesie. World Literature Today 60(1):90.

Music

- Stam, Carl L.
C.L. Stam. 1986. Conductor. Notre Dame Glee Club. St. Paul A.M.E. Church, Columbus, Ohio.
C.L. Stam. 1986. Conductor. Notre Dame Chorale and Glee Club. Prepared Choruses for Verdi Requiem with Springfield Symphony Orchestra, Kenneth Kiesler, Conductor. Braden Auditorium, Illinois State University, Bloomington-Normal, Illinois.
C.L. Stam. 1986. Conductor. Notre Dame Glee Club and Chorale. Prepared Choruses for Verdi Requiem with Springfield Symphony Orchestra, Kenneth Kiesler, Conductor. Public Affairs Center, Sangamon State University, Springfield, Illinois.
C.L. Stam. 1986. Conductor. Notre Dame Glee Club Spring Concert. Performance included Midwest Premiere of John Harbison's Nunc Dimittis. Washington Hall, University of Notre Dame, Notre Dame, Indiana.
C.L. Stam. 1986. Conductor. Notre Dame Chorale and Glee Club. Prepared Choruses for a Performance of Verdi's Requiem with the South Bend Symphony, Kenneth Kiesler, Conductor. Morris Civic Auditorium, South Bend, Indiana.

Philosophy

- Delaney, Cornelius F.
C.F. Delaney. 1985. Beyond Realism and Anti-Realism. Proceedings of the American Catholic Philosophical Association 59:2-18.

Program of Liberal Studies

- Smith, Janet E.
J.E. Smith. 1986. Economics is Not a Justification for Abortion. Pages 139-142 in, Abortion: Opposing Viewpoints. Greenhaven Press, St. Paul, Minnesota.

Psychology

- Lapsley, Daniel K.
R. Enright and D.K. Lapsley. 1985. Editors. Early Adolescence Throughout American History. Journal of Early Adolescence 5(4):393-547.
Maxwell, Scott E.
See under Santos, John F. 1985. Personality and Social Psychology Bulletin 11(4):445-456.
Santos, John F.
J.L. McIntosh and J.F. Santos. 1985. Methods of Suicide by Age: Sex and Race Differences Among the Young and Old. International Journal of Aging and Human Development 22(2):123-139.
P. Hanley-Dunn, S.E. Maxwell and J.F. Santos. 1985. Interpretation of Interpersonal Interactions: The Influence of Loneliness. Personality and Social Psychology Bulletin 11(4):445-456.

Theology

- Collins, John J.
J.J. Collins. 1985. Review of P.W. van der Horst's, Chaeremon: Egyptian Priest and Stoic Philosopher. Religious Studies Review 11:288.
J.J. Collins. 1985. The Testament (Assumption) of Moses. Pages 145-158 in, M. de Jonge, ed., Outside the Old Testament. Cambridge University Press, New York, NY.
Kannengiesser, SJ, Charles
C. Kannengiesser, SJ. 1986. L'essor actuel de la patristique. Foi et Temps 16(1986-2):156-162.

Searle, Mark A.

M.A. Searle. 1986. Uses and Abuses of the R.C.I.A. The Living Light 22(3):199-214.

Ulrich, Eugene C.

E.C. Ulrich. 1985. Editor. Bulletin of the International Organization for Septuagint and Cognate Studies. 18:1-50.

Weaver, F. Ellen

F.E. Weaver. 1985. Angelique de Saint-Jean: Abbess et 'Mithographe' de Port-Royal. Choriques de Port-Royal 34:93-106.

COLLEGE OF SCIENCE

Biological Sciences

Carpenter, Stephen R.

J.J. Elser, M.M. Elser and S.R. Carpenter. 1986. Size Fractionation of Algal Chlorophyll, Carbon Fixation and Phosphatase Activity: Relationships with Species-Specific Size Distributions and Zooplankton Community Structure. Journal of Plankton Research 8(2):365-383.

Chemistry

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awards received

IN THE MONTH OF APRIL, 1986

Department or Office	Principal	Short title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Advanced Studies	R. Gordon	Biomedical Research Support Grant 1986-87	Natl. Inst. Health	81,064 12
Electrical & Comp. Eng.	A. Michel	Qualitative Analysis of Complex Dynamical Systems	Natl. Sci. Fdn.	116,500 12
Physics	Browne, Darden, Funk, Garg, Kolata, Mihelich	Nuclear Structure Research	Natl. Sci. Fdn.	380,711 12
Physics	Kolata, Funk, Garg, Mihelich	Nuclear Structure Using Heavy Ions	Natl. Sci. Fdn.	215,000 12
Psychology	C. Anderson	Behavior Management Applications in the Printing Industry	Lakeside Press	22,425 12
Philosophy	J. Garcia	Moral Absolutism: Its Theory and Practice	Natl. Res. Council	24,500 12
Electrical & Comp. Eng.	D. Costello	Error Control for Satellite and Space Communications	Natl. Aero. Space Admin.	51,100 12
Psychology	C. Crowell, A. Miller	Quality Assurance Program	Intl. Bus. Machines	10,000 12
Chemistry	R. Scheidt	X-Ray and Chemical Studies of Metalloporphyrins	Natl. Inst. Health	138,083 12
Physics	E. Marshalek	Theoretical Studies of Nuclear Structure	Natl. Sci. Fdn.	25,900 12
Chemistry	F. Castellino	Plasminogen and Plasmin Structures	Natl. Inst. Health	128,100 12
Anthropology	L. Despres	Research/Manaus Project	Council Intl. Exchg. Scholars	21,000 5.5
AWARDS FOR FACILITIES EQUIPMENT				
Chemistry	T. Fehlner	Nuclear Magnetic Resonance Data Processing Station	Natl. Sci. Fdn.	70,600 12
AWARDS FOR INSTRUCTIONAL PROGRAMS				
Philosophy	E. McMullin V. McKim	Undergraduate Program in Science, Technology and Values	Natl. Endow. Humanities	50,000 36

<u>Department or Office</u>	<u>Principal</u>	<u>Short title</u>	<u>Sponsor</u>	<u>Dollars Months</u>
AWARDS FOR SERVICE PROGRAMS				
Biological Sciences	P. Grimstad	Arbovirus Surveillance Laboratory Service	Ind. St. Bd. Health	7,440 12
Inst. Past. Soc. Min.	R. Pelton	Notre Dame Center Continuing Formation in Ministry	---	5,092 --
Inst. Past. Soc. Min.	E. Bernstein	Notre Dame Center for Pastoral Liturgy	---	6,553 --
Inst. Past. Soc. Min.	E. Bernstein	Notre Dame Center for Pastoral Liturgy - Publications	---	106 --
Inst. Past. Soc. Min.	S. Kelly	Programs for Church Leaders	---	466 --
Inst. Past. Soc. Min.	J. Gremillion	IPSM - Parish Study, Phase III	---	741 --
AWARDS FOR OTHER PROGRAMS				
Philosophy	A. Plantinga	Epistemic Justification and Theistic Belief	Natl. Endow. Humanities	27,500 12
History	P. Gleason	NEH Fellowships for Independent Study and Research	Natl. Endow. Humanities	27,500 12
Mod. Class. Languages	A. Delgado-Gomez	A Critical Edition of Hernan Cortes' Writings	John Carter Brown Library	13,750 6
American Studies	T. Schlereth	Everyday Life in America, 1876-1915	Natl. Endow. Humanities	27,500 12
Medieval Inst.	S. Gersh	European Philosophy from the Late Eighth to Late Ninth Century	Natl. Endow. Humanities	23,423 12

proposals submitted

IN THE MONTH OF APRIL, 1986

<u>Department or Office</u>	<u>Principal</u>	<u>Short title</u>	<u>Sponsor</u>	<u>Dollars Months</u>
PROPOSALS FOR RESEARCH				
So. Bend. Cent. Med. Educ.	K. Olson	Fish Gill Metabolism	Natl. Sci. Fdn.	54,023 12
Physics	J. Dow	2D-DMSs	Purdue Univ.	3,234,376 60
Aerospace Mech. Eng.	T. Mueller, T. Ng	Pressure Distribution Experiment on a Transonic Biconvex Airfoil	Dept. Navy	19,800 5
Chemistry	P. Huber, G. Blobe	RNase N	Sigma Xi Headquarters	1,133 12
Chemistry	K. Thomas	Photochemistry in Constrained Systems	Natl. Sci. Fdn.	31,581 6
Chemical Eng.	E. Wolf	FTIR Studies on Bifunctional Catalysts	Dept. Energy	235,964 36
So. Bend. Cent. Med. Educ.	K. Olson	Fish Gill Metabolism	Indiana Univ.	21,033 24
Aerospace Mech. Eng.	H. Atassi	Center of Excellence in Unsteady and Separated Flows	Dept. Air Force	2,507,955 60
Physics	J. Dow	Electronic Materials	Dept. Navy	3,816,306 60

Department or Office	Principal	Short title	Sponsor	Dollars Months
Physics	J. Dow	Electronic Materials	Dept. Air Force	3,816,306 60
Chemical Eng.	J. Kantor	Camille and Henry Dreyfus Teacher-Scholar Grant	C. & H. Dreyfus Fdn., Inc.	75,550 60
Biological Sciences	K. Rai	Genetic Differentiation in the <i>Aedes albopictus</i> Subgroup	Natl. Inst. Health	94,890 12
Electrical & Comp. Eng.	W. Porod	A Study of Electronic Transport and Breakdown in SiO ₂	Dept. Navy	125,000 30
Physics	J. Cushing	Epistemology Naturalized and Socialized	Natl. Endow. Humanities	27,500 12
PROPOSALS FOR SERVICE PROGRAMS				
Biological Sciences	G. Craig, Jr.	County Mosquito Control	St. Jos. Cty. Dept. Health	41,208 8
Upward Bound	T. Broden	Summer Food Service Program for Children	Ind. Dept. Educ.	5,201 1.5
PROPOSALS FOR OTHER PROGRAMS				
Philosophy	T. Morris	Pascal's <u>Pensees</u> : Faith, Reason and the Meaning of Life	Natl. Endow. Humanities	46,508 12
Biological Sciences	M. Fraser	Access to Bionet	IntelliGenetics, Inc.	- - - 12
Prog. Lib. Studies	W. Nicgorski	Cicero's Moral and Political Aspirations	Natl. Endow. Humanities	56,132 12
Electrical & Comp. Eng.	J. Ubran, E. Henry	Laboratory Revitalization Project	Lilly Endow., Inc.	140,429 12
Cent. Educ. Oppor.	W. Outlaw, T. Broden	Job Training Program Pre Employment Workshops	Job Training Program	31,712 4
Chemistry	S. Basu	International Symposium on Biochemical Roles	Natl. Sci. Fdn.	48,340 2

summary of awards received and proposals submitted

IN THE MONTH OF APRIL, 1986

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	8	1,107,783	4	106,600	12	1,214,383
Facilities and Equipment	0	0	1	70,600	1	70,600
Instructional Programs	0	0	1	50,000	1	50,000
Service Programs	1	7,440	5	12,958	6	20,398
Other Programs	0	0	5	119,673	5	119,673
Total	9	1,115,223	16	359,831	25	1,475,054

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	3	108,494	11	13,880,923	14	13,989,417
Facilities and Equipment	0	0	0	0	0	0
Instructional Programs	0	0	0	0	0	0
Service Programs	2	46,409	0	0	2	46,409
Other Programs	0	0	6	323,121	6	323,121
Total	5	154,903	17	14,204,044	22	14,358,947

notre dame report

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