

notre dame report

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85-86

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number 8

faculty notes

honors

John J. Collins, professor of theology, has been elected to the Council of the Society of Biblical Literature.

Alan Dowty, professor of government and international studies, has received the 1985 Quincy Wright Book Award for the best book published in 1984 by an author at a midwestern university. The award is given by the Midwest branch of the International Studies Association. He was honored for his volume, "Middle East Crises: U.S. Decision Making in 1958, 1970 and 1973," which was published by the University of California Press.

Rev. Theodore M. Hesburgh, C.S.C., president of the University, received the St. Francis Xavier Medal from Xavier University during its Universal Communion Sunday celebration Dec. 1. The medal is presented annually to an individual who represents the ideals of the missionary priest who founded the Jesuit order with St. Ignatius Loyola in the sixteenth century.

Leonard E. Munstermann, assistant faculty fellow in biological sciences, has been appointed chairperson for the 1986 Photo Salon of the American Mosquito Control Association, to be held during the association's national meetings in New Orleans, La., April 20-24, 1986.

Rev. Roland E. Murphy, O. Carm., visiting John A. O'Brien professor of theology, has received the Distinguished Service Award of the Washington Theological Union, Silver Spring, Md.

G. Margaret Porter, assistant librarian, was reappointed to a two-year term on the Cost and Financing Committee of the Machine Assisted Reference Section of the American Library Association during the Association's annual conference in Chicago last July.

Robert P. Vecchio, chairman and professor of management, has been appointed to the editorial board of the Academy of Management Review.

Kwang-tzu Yang, Viola D. Hank professor of aerospace and mechanical engineering, has been appointed to the executive committee, Heat Transfer Division, American Society of Mechanical Engineers, for a five-year term commencing July 1, 1986. He will assume the chairmanship of the Heat Transfer Division during the final year of his tenure.

activities

Karl Ameriks, professor of philosophy, gave a talk on "Kant and Short Arguments to Idealism" at Kalamazoo College Nov. 8.

J. Douglas Archer, assistant librarian, chaired the Indiana Library Association/Indiana Library Trustees Association District 1 Fall Meeting at Century Center, South Bend, Oct. 15. He led a workshop on small group dynamics titled "Oh No, Not Another Committee" at that meeting.

Willis E. Bartlett, associate professor of psychology, presented a paper, "Supervision of Counseling: A Developmental Perspective," to staff and members of the community clinical network at Forest Institute of Professional Psychology, Chicago, Ill., Nov. 20.

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James O. Bellis, associate professor of anthropology, gave a panel presentation titled "West African Gold Fields and the Gold Trade in the Medieval World Economy: Problems in Interpreting Material Culture" at the annual meeting of the Social Science History Association in Chicago Nov. 23.

Kathleen A. Biddick, assistant professor of history, organized a session titled "The Medieval World Economy" and delivered a paper on "English Agrarian Decline and the Medieval World Economy" at the annual meeting of the Social Science History Association, held in Chicago Nov. 21-24.

Bruce A. Bunker, assistant professor of physics, gave a presentation on "Non-Randomness in Alloys: Site Correlations in III-V Quaternaries" at the North Carolina State University Condensed-Matter Physics Seminar Nov. 6.

Dino S. Cervigni, associate professor of modern and classical languages, chaired a session on Autobiography and presented a paper on recent scholarship on Dante's Purgatory at the national annual convention of the American Association of Teachers of Italian, held Nov. 29-30 in New York City.

Sr. Regina A. Coll, C.S.J., assistant professional specialist in theology, presented "Power, Powerlessness, Empowerment," at a meeting of the Association of Professors and Researchers in Religious Education, Chicago, Ill., Nov. 16.

John J. Collins, professor of theology, attended the annual meeting of the Society of Biblical Literature in Anaheim, Calif., Nov. 22-25, where he chaired a meeting of the Pseudepigrapha Group.

Xavier Creary, associate professor of chemistry, presented a seminar on "The Chemistry of β -Keto Triflates and Cations with Electronegative Substituents" for the department of chemistry at the University of Akron, Ohio, Nov. 26.

Jay P. Dolan, associate professor of history and director of the Cushwa Center for the Study of American Catholicism, recently received a Fulbright Award for 1986. He will teach at University College in Cork, Ireland, during the winter and spring term.

Rev. Avery Dulles, S.J., John A. O'Brien professor of theology, gave the keynote address for the Canon Law Society of America, titled "Ecclesial Futurology: Toward the Church of the 1990s" in New Orleans, La., Oct. 14. He also gave the William L. Rossner Lecture, "Vatican II and the Purpose of the Church," at Rockhurst College, Kansas City, Mo., Nov. 7, and presented "Catholicity and Catholicism," an address to the annual convocation, Department of Historical Theology, Concordia Theological Seminary, Fort Wayne, Ind., Nov. 22.

Thomas W. Ebbesen, assistant professional specialist in the Radiation Laboratory, gave an invited talk titled "Charge Transfer Photochemistry in Bipyridinium Salts" at the Institute of Molecular Science, Okazaki, Japan, Nov. 26.

Josephine Massyngberde Ford, professor of theology, presented a paper titled "The Structure and Meaning of Rev. 16" and offered a response to G.W. Buchanan titled "Jesus, King and Kingdom" at the Society of Biblical Literature meeting in Anaheim, Calif., Nov. 23. She also attended the Feminism and Gnosticism Conference in Claremont, Calif., Nov. 21-22.

Astrid L. Gabriel, professor emerita in the Medieval Institute and director of the Frank M. Folsom Microfilm and Photographic Collection, delivered a eulogy for the late Pearl Kibre Nov. 14 at the City University of New York Graduate Center. Dr. Gabriel spoke on "Pearl Kibre in the Great European Manuscript Centers." Dr. Kibre was a former president of the Medieval Academy of America and had visited Notre Dame on several occasions and had visited on several Ph.D. doctoral examinations.

A sculpture by Moirra Marti Geoffrion, associate professor of art, art history and design, is featured on the back cover of the Fall/Winter issue of Woman's Art Journal (Vol. 6, No. 2), and her work has been accepted by the Pleiades Gallery in New York City.

Santosh K. Gupta, visiting professor of chemical engineering, is coauthor (with A.K. Ray) of a paper titled "Optimization of Nonvaporizing Nylon 6 Reactors," presented at the annual meeting of the

American Institute of Chemical Engineers in Chicago Nov. 11-15. He also conducted a seminar on "Simulation and Optimization of Step Growth Polymerization Reactors" for the department of chemical engineering of the University of Wisconsin, Madison, Nov. 21.

Stephen M. Hayes, associate librarian, gave an invited address on "Federal Information Policy: Less Access to Less Information" to the American Civil Liberties Union, Calumet Chapter, in Portage, Ind., Nov. 13.

Thomas J. Jemielity, associate professor of English, delivered a paper, "Divine Derision and Scorn: the Hebrew Prophets as Satirists," at the meeting of the Conference on Christianity and Literature (Midwest Region), "Christianity at Its Boundaries," held at Notre Dame Oct. 12.

Rev. Charles Kannengiesser, S.J., Huisking professor of theology, gave public lectures on "The Function of the Origins in the New Foundations of Christian Theology" (Nov. 27) and "Current Trends in Patristic Studies" (Nov. 28) at Concordia University, Montreal, Canada.

Edward A. Kline, chairman and professor of English, and director of the Freshman Writing Program, chaired the section on "Research in Writing and with Computers" at the meeting of the National Conference of Teachers of English in Philadelphia, Pa., Nov. 23.

Charles F. Kulpa, associate professor of biological sciences, gave a presentation titled "Construction of Chromosomal DNA Genebanks of *Thiobacillus ferrooxidans* and Induction of the Iron Oxidation Pathway" as an invited speaker at a workshop on "Biochemical Mechanisms Involved in the Bacterial Leaching of Minerals" in Santiago, Chile, Nov. 20-23.

Gilbert D. Loescher, associate professor of government and international studies, presented a talk titled "Comparative Refugee Policy: U.S. and Canadian Perspectives" at a seminar sponsored by the Joint Center on Modern East Asia at the Universities of Toronto and York and the Refugee Documentation Center of York University in Toronto, Canada, Oct. 18.

Edward Manier, associate professor of philosophy, read a paper titled "It's Time to Open the Black Box: the Cultural Coding of the Neurobiology of Cognition" at the 1985 meeting of the Society for the Social Studies of Science, held at Rensselaer Polytechnic Institute in October. He also served as co-program chair (with Phillip R. Sloan, chairman and associate professor in the Program of Liberal Studies, and Thomas Parisi, assistant professor of psychology, Saint Mary's College) of the 1985 meeting of the interest group in History, Philosophy and Sociology of Biology, held at Saint Mary's at the end of June and read a paper titled "Conditioning, Associative Learning and Molluscan Mentality" at the meeting.

Rev. Richard P. McBrien, chairman and Crowley-O'Brien-Walter professor of theology, gave a lecture titled "The Future of Communications: Ecclesiological Perspective" at the 14th annual UNDA-USA General Assembly in San Antonio, Tex., Dec. 13. UNDA is a national Catholic association for broadcasters and allied communicators.

Mark A. McDaniel, assistant professor of psychology, presented "The Effects of Initial Recall on Retention" at a meeting of the Psychonomic Society in Boston, Mass., Nov. 23.

Rev. John Allyn Melloh, S.M., associate professional specialist in theology and coordinator of the John S. Marten Program in Homiletics and Liturgics, gave a presentation on "Preaching the Word of God" to the Plymouth, Ind., Ministerial Association Nov. 12. He presented "A Model for Theological Reflection for Use in Pastoral Care of the Sick" with Michael Rice Saxton of St. Joseph Medical Center at the Notre Dame Liturgy Center Workshop Nov. 19.

Anthony N. Michel, chairman and professor of electrical engineering, served on a Visiting Committee to review the department of electrical engineering and computer science at the University of Michigan, Ann Arbor, Oct. 21-23. He also participated in the Mid-America EE Department Heads Meeting held in Chicago, Ill., Nov. 22-23. The meeting was organized and sponsored by the National Engineering Consortium.

William L. Petersen, visiting assistant professor of theology, presented a paper titled "Recent Developments in Diatessaronic Studies" at the Midwest Patristic Seminar, University of Chicago, Nov. 9.

Anand Pillay, assistant professor of mathematics, gave an invited talk, "Fine Classification Theory," to the logic seminar at the University of Chicago Nov. 13.

Alvin Plantinga, John A. O'Brien professor of philosophy, read a paper titled "The Problem of Evil" at the 11th Inter-American Conference on Philosophy, held at Guadalajara, Mexico, Nov. 13. He presented two papers, "Is Belief in God Properly Basic?" and "On Ockham's Way Out," at Ouachita University, Arkadelphia, Ark., Nov. 7-8, and gave a paper titled "Two Concepts of Modality" at the University of California, Los Angeles, Nov. 22.

G. Margaret Porter, assistant librarian, was part of a delegation of 20 U.S. academic librarians who visited and gave presentations in academic and provincial libraries in the People's Republic of China during October. The presentation given was titled "Online Searching as a Research Tool in U.S. Academic Libraries."

Paul Roche, visiting professor and poet-in-residence in the Program of Liberal Studies, gave a series of lectures on the handling of dramatic verse in Shakespeare and Greek tragedy Nov. 8, 15, and 22 for students in the Professional Theatre

Training Program at the University of Wisconsin-Milwaukee. The group, composed of professional actors taking advanced courses, mounted a production of Sophocles' "Oedipus the King" using Professor Roche's translation.

Kenneth M. Sayre, professor of philosophy, spent three days in residence at Boston College, delivering four lectures and seminars on Plato's Philebus, as a speaker in the Greater Boston Area Colloquium in Ancient Philosophy, Nov. 6-8. He also gave a seminar on "Artificial Intelligence" for the computing science department at Boston College Nov. 6.

Thomas J. Schlereth, professor of American Studies, gave a research colloquium, "American Art, Authors, and Artifacts," sponsored by the departments of history, English, and American Studies at Michigan State University, East Lansing, Oct. 30. He also chaired a session, "The Built Environment in America," and acted as a commentator at the national meeting of the American Studies Association in San Diego, Calif., Nov. 2-4.

Roger A. Schmitz, McCloskey dean of engineering and professor of chemical engineering, presented a graduate seminar titled "Temporal and Spatial Phenomena in Reaction on Catalytic Surfaces" in the department of chemical engineering at Princeton University Nov. 20.

Mark Searle, associate professor of theology, gave lectures to clergy and catechists of the Archdiocese of Boston on "The Rite for the Christian Initiation of Adults" Nov. 16.

Jandhyala Sobhanadri, professional specialist in the Radiation Laboratory, gave a talk on "Molecular Beam Epitaxy in the Growth of Lead Tin Telluride Films" at the Third International Workshop on the Physics of Semiconductor Devices, held at the Indian Institute of Technology, Madras, Nov. 25-30.

Eugene C. Ulrich, associate professor of theology, presented a paper titled "The Qumran, Masoretic, and Septuagintal Witnesses to the Text of Daniel" at the annual meeting of the Society of Biblical Literature in Anaheim, Calif., Nov. 24. Conjointly with that meeting he participated in the Executive Committee meeting of the International Organization for Septuagint and Cognate Studies, Nov. 23. He also presented an invited paper, "The Edition of 4QDan^a," as one of the four featured speakers at a "Forum in Text Criticism" at the Ancient Biblical Manuscript Center at Claremont, Calif., Nov. 26.

John P. Welle, assistant professor of modern and classical languages, delivered a paper titled "The Cinema in the Poetry of Andrea Zanzotto" at the annual convention of the American Association for Teachers of Italian, New York, N.Y., Nov. 28-30. He also organized and chaired a session on "The Literary and Cultural Inheritance of Italian Film" at that conference.

Frederick D. Wright, director of the Black Studies Program and assistant professor of government and international studies, chaired a panel, "The Politics of Electoral Politics," at the annual meeting of the Southern Political Science Association, Nashville, Tenn., Nov. 8-10.

administrators' notes

appointments

Elizabeth A. Peralta has been appointed assistant editor of Notre Dame Magazine. The 1979 American Studies graduate is the former editor of Today in Michiana magazine and most recently worked for the Juhl Agency in Elkhart.

activities

Dale A. Getz, assistant superintendent of grounds, gave an invited presentation on "Campus Tree Care" at the annual conference of the National Institute of Parks and Grounds Management in Knoxville, Tenn., Nov. 4-7.

Alfred P. Large, Jr., assistant director of educational media, gave a presentation titled "The Nutrition Pursuit: Move Ahead With Media" at the Fall meeting of the Northern Indiana Dietetic Association, held at Century Center, South Bend, Oct. 30. He also presented "Video Copyright Issues" at the Indiana State Teachers' Association Conference on Instruction, held at Century Center Nov. 1, and gave a slide presentation titled "Shutter-Rama" at a meeting of the Niles (Mich.) City Club at the Niles Holiday Inn Dec. 10.

documen- tation

minutes of the 214th graduate council meeting october 30, 1985

The meeting was opened at 3:30 p.m. on Oct. 30. Absent members with excuse were Dean Francis J. Castellino, Dean Frank K. Reilly, replaced by Mr. Larry Ballinger, Dr. Michael R. Welch and Dr. Thomas A. Werge. Dr. Robert E. Gordon welcomed the following new members to the Council: Professors Moira M. Geoffrion, Gary M. Hamburg, Nancy K. Stanton, Vera B. Profit and John Roos and the graduate student representatives, Messrs. Michael G. Finnegan and Carlos A. Alegria.

I. Minutes of the 213th Meeting.

The minutes of the 213th meeting were approved as submitted.

II. Admission to Degree Candidacy.

The list of applicants for admission to degree candidacy was approved.

III. Programs Review.

Dr. Gordon introduced the review documents in draft form, which included the background and paper, the outline for the self-appraisal phase, and the outline for review panel report and recommendations. He briefed the members about the history of program reviews at Notre Dame, which started with a recommendation of the COUP Report. He said that the first round of reviews had raised the expectation that new resources would become available to the departments as an outcome of reviews. Although this did not happen, reviews did influence the University later in assigning priorities and allocating resources. An important benefit of program review was the effort of self-appraisal which involved all members of the department. Dr. Gordon quoted the appropriate section of the PACE Report dealing with program review and drew attention to the comprehensive and confidential nature of this second round of reviews.

He briefly described the structure of future reviews. A review panel of three external and three internal members will be appointed by the Office of Advanced Studies. External reviewers will be selected from current lists of established peer reviewers to be recommended by the Council of Graduate Schools and other sources. Internal reviewers will consist of one faculty member at large, one faculty member from the appropriate division and a member of the Graduate Council who will chair the panel. In addition, there will be a liaison person to be named by the department under review. The department will prepare a review document which will be screened by the internal reviewers before it is sent to the external reviewers. In addition to this review document, the external reviewers will receive a sampling of dissertations recently produced in the department. Following two full days of site visit, the external reviewers will submit their reports to the Office of Advanced Studies, which will send these reports to the department for study and response.

The internal reviewers will prepare a summary of the reports and the response. The Vice President for Advanced Studies will present a digest of the review to the Graduate Council and will also report on the review to the Academic Council. The minutes of the Graduate Council and of the Academic Council will be the only documents related to the reviews to be published.

Dr. Gordon next went over the draft of the outline for the self-appraisal phase with the Council. This document will guide departments in developing their review documents. It will seek to elicit information concerning the history and goal of the program, the faculty and students, the curriculum and requirements, the administration, facilities and services and, finally, recommendations. The underlying spirit of the review will be quality.

The Council also examined the draft of this outline for review panel report and recommendations. A new feature of future reviews will be the evaluation of a sampling of dissertation abstracts and bibliographies by external reviewers.

In the discussion that followed, the Council made a number of suggestions. One member wished to see more emphasis placed on the evaluation of the department as a research unit. Another member recommended that the review include an assessment of the quality of teaching. It was also proposed that the review take note of the improvement, or lack of improvement, of a department over the last five or ten years. To help external reviewers in this task, one member suggested that reports of the last review could be included among the review materials to be made available to the panel. Some members wondered whether the number of external reviewers or the length of the site visit should be increased. Dr. Gordon finally concluded the discussion with an invitation to all members to call or write him in the next few weeks with their suggestions as he prepared the final drafts of the review outlines.

IV. Chairman's Remarks.

1. Federal Tax on Graduate Assistantship Tuition: Section 117D of the tax code provides tax-free status to some tuition benefits at the undergraduate level. Another section of the code (section 127) extends this tax-free status to graduate students; but this section is due to expire Dec. 31, 1985. If this happens, GA tuition will be considered income and will be taxable as the GA stipend has been. The additional cost to graduate students will be considerable. The tuition problem is known on Capitol Hill and some attempts have been made to extend the tax-free status of GA tuition. Departments will be kept informed of developments.

2. Presentation to the Trustees on the state of graduate education at Notre Dame: Dr. Gordon made a presentation on the state of graduate education at Notre Dame to the Trustees at their meeting on Oct. 25. The presentation included a brief description of the structure of the Graduate School in the University, the changes in degree programs in the last ten years, enrollment trends, student quality profile, student support and time to degree. It was, according to the Committee verbal report to the full Board, well received.

3. Applications: Dr. James Powell was invited to present the highlights of this year's applications. He reported 2,002 applications for fall 1985 (1,751 for fall 1984), but noted that the increase had been more significant among foreign applicants. While there was an increase in applications, the rate of acceptance of applicants with degree intent was smaller for fall 1985 (i.e., 34.7% compared to 37.8% for fall 1984). If the quality of applicants remained unchanged as it appeared to be, a smaller acceptance rate could indicate higher admission standards.

4. Enrollment: Total enrollment in the Graduate School in fall 1985 increased 6.9% to 1,359. There are 285 foreign students in the Graduate School, of whom 39% are in Science and 26% in Engineering. Of the 59 ethnic minority students presently enrolled, 73% are in the Social Sciences and Humanities.

5. Foreign Students: We should attempt to admit only the best foreign applicants; students that will not require special treatment once they are enrolled. GRE scores should continue to be a requirement for admission, with very few exceptions to be made.

6. Financial Need of Married Students: Some married students, especially those with children, have found it difficult to subsist on GA stipends. But these stipends are only meant to minimally support single students. The University has done all it could to increase the number of GA slots as well as the value of each slot each year for the past several years. Married students should look to other sources for additional support.

V. Other Business.

Since there was no other business, the meeting was adjourned at 5 p.m.

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

American Studies

Allen, Barbara

- B. Allen. 1985. In the Thick of Things:
Texture in Orally Communicated History.
International Journal of Oral History
6(2):92-103.

Anthropology

O'Neill, Carl W.

- A.J. Rubel, C.W. O'Neill and R. Collado.
1985. The Folk Illness Called Susto.
Pages 333-350 in, R.C. Simons and C.C.
Hughes, eds., The Culture Bound Syndromes:
Folk Illnesses of Psychiatric and Anthro-
pological Interest. D. Reidel Publishing
Company, Dordrecht, The Netherlands.

Freshman Writing Program

Smyth, Marina B.

- M.B. Smyth. 1985. Das Universum in der
Kosmographie des Aethicus Ister. Pages
170-182 in, H. Dopsch and R. Juffinger,
eds., Virgil von Salzburg, Missionar und
Gelehrter. Salzburg, Austria.

Government and International Studies

Leege, David C.

- D.C. Leege and T.A. Trozzolo. 1985. Reli-
gious Values and Parish Participation:
The Paradox of Individual Needs in a Com-
munitarian Church. Notre Dame Study of
Catholic Parish Life 4:1-8.

See under THEOLOGY; Searle, Mark. 1985.
New Catholic World 228:258-263.

See under THEOLOGY; Searle, Mark. 1985.
Notre Dame Study of Catholic Parish Life
5:1-8.

History

Dolan, Jay P.

- J.P. Dolan. 1985. The American Catholic
Experience: A History from Colonial
Times to the Present. Doubleday and
Company, New York. 504 pp.

Modern and Classical Languages

- Lanzinger, Klaus
K. Lanzinger. 1985. Faustadaptionen bei Thomas Wolfe. Pages 131-138 in, M. Siebald and H. Immel, eds., Amerikanisierung des Dramas und Dramatisierung Amerikas: Studien zu Ehren von Hans Helmcke /Festschrift/. Peter Lang, Frankfurt/Main, Germany.
- MacKenzie, Jr., Louis A.
L.A. MacKenzie, Jr. 1985. Review of G. Ferreyrolles', Blaise Pascal: Les Provinciales. French Review 59(1):128-129.

Music

- Cramer, Craig J.
C.J. Cramer. 1985. Solo Recital. Grace Episcopal Church. Utica, New York.
- C.J. Cramer. 1985. Solo Recital. Hobart and William Smith Colleges. Geneva, New York.
- Klugherz, Laura J.
L.J. Klugherz. 1985. Recital. Works of Beethoven, Copland, Faure and Ravel in the Clara Schumann Musikschule. Düsseldorf, West Germany.
- L.J. Klugherz. Recital. Works of Beethoven, Chausson, Prokofiev and Copland as Part of the Kammermusik Abonnement Series of the Dormagen Musikschule. Dormagen, West Germany.

Program of Liberal Studies

- Smith, Janet E.
J.E. Smith. 1985. Review of J.A. Elias', Plato's Defence of Poetry. Review of Politics 47(3):473-477.

Theology

- Collins, John J.
J.J. Collins. 1985. Apocalyptic Literature; Daniel; Book of Daniel; Dreams; Abednego; Belshazzar; Belteshazzar; Mene, mene, tekel upharsin; Meshach, Michael, Shadrach, Enoch. Pages 35-36, 204, 205-206, 226, 3, 102-103, 103, 625-626, 628-629, 634, 931, and 267, in, Harper's Bible Dictionary. Harper, New York, New York.
- O'Meara, OP, Thomas F.
T.F. O'Meara, OP. 1985. Paul Tillich and the Catholic Substance. Pages 290-306 in, J.L. Adams, ed., The Thought of Paul Tillich. Harper and Row, San Francisco, California.
- Searle, Mark
M. Searle and D.C. Leege. 1985. The Celebration of Liturgy in the Parishes. Notre Dame Study of Catholic Parish Life 5:1-8.
- M. Searle and D.C. Leege. 1985. Observations on Parish Liturgy. New Catholic World 228:258-263.

COLLEGE OF SCIENCE

Biological Sciences

- Rai, Karamjit S.
K.S. Rai, D.K. McLain and P.N. Rao. 1985. Ethological Divergence in Allopatry and Asymmetrical Isolation in the South Pacific Aedes scutellaris Subgroup. Evolution 39(5):998-1108.
- K.S. Rai and V. Dev. 1985. Genetic Relationships Among Certain Species of the Aedes (Stegomyia) scutellaris Group (Diptera: Culicidae). Annals of Tropical Medicine and Parasitology 79(3):325-331.
- K.S. Rai, D.P. Pashley and D.N. Pashley. 1985. Patterns of Allozyme Relationships Compared with Morphology, Hybridization and Geologic History in Allopatric Island-Dwelling Mosquitoes. Evolution 39(5):985-997.

Chemistry

- George, Manapurathu V.
*See under RADIATION LABORATORY; Das, Paritosh K. 1985. Journal of Organic Chemistry 50(20):3685-3692.
- Patterson, Larry K.
*R. Subramanian and L.K. Patterson. 1985. Effects of Molecular Organization on Photophysical Behavior. Excimer Kinetics and Diffusion of 1-Pyrenedecanoic Acid in Lipid Monolayers at the Nitrogen-Water Interface. Journal of the American Chemical Society 107:5820-5821.
- Scheidt, W. Robert

- W.R. Scheidt, D.K. Geiger, Y.J. Lee, C.A. Reed and G. Lang. 1985. Characterization of Five-Coordinate Mono(imidazole)(porphinato)iron(III) Complexes. Journal of the American Chemical Society 107(20):5693-5699.
- K. Hatano and W.R. Scheidt. 1985. Nitrosyl Complexes of Iron Porphyrins. Journal of Pharmacobio-Dynamics 8:s-13.
- Schuler, Robert H.
*See under the RADIATION LABORATORY; LaVerne Jay A. 1985. Journal of Physical Chemistry 89(20):4171-4173.

*Under the Radiation Laboratory

Physics

- Dow, John D.
J.D. Dow. 1985. Localized Perturbations in Semiconductors. Pages 465-494 in, F. Bassani, ed., Highlights of Condensed-Matter Theory, Varenna Course 84. Italiana di Fisica, Bologna, Italy.
- J.D. Dow. 1985. Physics of Deep Levels. Materials Research Society Symposium Proceedings 46:71-81.
- M.A. Bowen and J.D. Dow. 1985. X-ray Spectra of Model Binary Alloys $A_{1-x}B_x$. Physical Review B 32:5119-5123.

Garg, Umesh

- T. Inamura, A.C. Kahler, D.R. Zolonowski, U. Garg, T.T. Sugihara and M. Wakai. 1985. Gamma-Ray Multiplicity Distributions Associated with Massive Transfer. Physical Review C 32:1539-1550.
- P. Chowdhury, B.A. Brown, U. Garg, R.D. McKeown, T.P. Sjoreen and D.B. Fossan. 1985. Nuclear Structure in ^{95,97}Ru Nuclei. Physical Review C 32:1238-1246.
- D.C. Radford, I. Ahmad, R. Holzmann, R.V.F. Janssens, T.L. Khoo, M.W. Drigert, U. Garg and H. Helppi. Total γ -ray Spectrum in ¹⁵³Ho: From the Yrast Line into the Continuum. Physical Review Letters 55: 1727-1730.

Kolata, James J.

- G.S.F. Stephan, D.G. Kovar, R.V.F. Janssens, G. Rosner, H. Ikezoe, B. Wilkins, D. Henderson, K.T. Lesko, J.J. Kolata, C.K. Gelbke, B.V. Jacak, Z.M. Koenig, G.D. Westfall, A. Szanto de Toledo, E.M. Szanto and P.L. Gonthier. 1985. Influence of Nucleon Fermi Motion on Incomplete Fusion. Physics Letters B 161:60-64.

Ruggiero, Steven T.

- S.T. Ruggiero. 1985. Synthetically Layered Superconductors. Page 365 in, L.L. Chang and B.C. Giessen, eds., Synthetic Modulated Structures. Academic, New York.

COLLEGE OF ENGINEERING

Aerospace and Mechanical Engineering

Lee, Lawrence H.N.

- C.H. Liu and L.H.N. Lee. 1985. On Fracture Mechanics in Lifting an Ice Sheet. International Journal of Fracture 28:189-197.

Mueller, Thomas J

- T.J. Mueller. 1985. The Influence of Laminar Separation and Transition on Low Reynolds Number Airfoil Hysteresis. Journal of Aircraft 22(9):763-770.

Electrical Engineering

Costello, Jr., Daniel J.

- See under Herro, Mark A. 1985. Page 254 in, Proceedings of the 19th Annual Conference on Information Sciences and Systems.

Herro, Mark A.

- M.A. Herro, L. Hu and D.J. Costello, Jr. 1985. Capacity Calculations for the Outer Channel on a Concatenated Coding System. Page 254 in, Proceedings of the 19th Annual Conference on Information Sciences and Systems. Johns Hopkins University, Baltimore, Maryland.
- M.A. Herro. 1985. Coding Gains for Direct-Detection Optical Receivers Using APD's. Page 255 in, Proceedings of the 19th Annual Conference on Information Sciences and Systems. Johns Hopkins University, Baltimore, Maryland.

COLLEGE OF BUSINESS ADMINISTRATION

Accountancy

Williamson, Robert W.

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IN THE MONTH OF NOVEMBER, 1985

Department or Office	Principal	Short title	Sponsor	Dollars Months
AWARDS FOR RESEARCH				
Biological Science	M. Fennewald	Inhibitors of Site-Specific Recombination	Natl. Inst. Health	86,170 12
College Eng.	M. Zeller, W. Berry	Materials Development of Electrical Contacts for β-SiC	Natl. Aero. Space Admin.	8,000 2
Kellogg Inst. Intl. Studies	M. Mpanya	Kellogg African Project	Mennonite Fdn., Inc.	3,000 10
History	C. Hamlin	Values in Agricultural Research Agendas: A Comparative Analysis	Mich. St. Univ.	11,535 24
Chemical Eng.	J. Kantor	Presidential Young Investigator Supplement	Natl. Sci. Fdn.	8,000 12
School Architecture	R. Amico	Architectural Research Design: An American Country Club	So. Bend Coun. Club	4,000 4
Inst. Past. Soc. Min.	J. Gremillion	Phase III: ND Study of Parish Life	(anonymous awards)	12,950 14
Inst. Past. Soc. Min.	J. Gremillion	Phase III: ND Study of Parish Life	Lilly Endow., Inc.	12,500 14
Psychology	J. Borkowski, S. Maxwell	Metacognition, Motivation, and Inefficient Learning	Natl. Inst. Health	90,271 12
Earth Sciences	E. Winkler	Marble Study for Restoration Field Museum	L.J. & M.C. Skaggs Fdn.	30,000 12
Biological Sciences	C. Kulpa	TCDD Biodegradation	Occidental Chem. Corp.	6,900 12
Biological Sciences	M. Clancy	Gene Expression During Sporulation in Yeast	Natl. Sci. Fdn.	72,000 12

AWARDS FOR INSTRUCTIONAL PROGRAMS

College Bus. Admin.	B. Keating	Research and Course Development	Apple Computer, Inc.	51,500 --
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AWARDS FOR SERVICE PROGRAMS

Inst. Past. Soc. Min.	R. Pelton	Notre Dame Institute for Clergy Education	---	1,574 --
Inst. Past. Soc. Min.	E. Bernstein	Notre Dame Center for Pastoral Liturgy	---	1,101 --
Inst. Past. Soc. Min.	E. Bernstein	Notre Dame Center for Pastoral Liturgy-Publications	---	323 --
Inst. Past. Soc. Min.	S. Kelly	Programs for Church Leaders	---	4,866 --

AWARDS FOR OTHER PROGRAMS

Mathematics	A. Pillay	Conference in Mathematical Logic	Natl. Sci. Fdn.	10,000 12
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proposals submitted

IN THE MONTH OF NOVEMBER, 1985

Department or Office	Principal	Short title	Sponsor	Dollars Months
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PROPOSALS FOR RESEARCH

Biological Sciences	P. Klebba	Structure/Function of the Ferric Enterobactin Receptor	Natl. Inst. Health	125,566 12
Chemistry	T. Fehlner	Metallaboranes as Precursors to Metallic Glasses	Dept. Navy	368,645 36
Psychology	G. Howard	Kellogg Fellowship	Kellogg Fdn.	113,219 36
Biological Sciences	M. Fraser, P. Diffley	Molecular Genetics of Nuclear Polyhedrosis Viruses	Dept. Agriculture	285,645 36
Chemistry	G. Gellene	Ion Beam Laser Spectroscopy	Amer. Soc. Mass Spectro.	47,664 12
Electrical Eng.	J. Uhran, Y.F. Huang	Basic Estimation/Detection Techniques	Dept. Navy	555,608 36
Economics	W. Davisson, J. Uhran	Simulation for Education	I.K. Mem. Grant Fund	10,334 12
Theology	J. Ford	Explanation Apocalypsis Commentary	J.S. Guggenheim Mem. Fdn.	46,730 12
Sociology	F. Dasilva	Construction of Revolutionary Myth in CINEMANOVO	J.S. Guggenheim Mem. Fdn.	54,500 12
Prog. Lib. Studies	M. Crowe	John Herschel's Contribution to Astronomy	J.S. Guggenheim Mem. Fdn.	60,184 9
Sociology	J. Glass	Impact of Familial Division of Labor	Rockefeller Fdn.	40,244 12
Philosophy	M. Detlefsen	On the Formalization of Mathematical Thought	J.S. Guggenheim Mem. Fdn.	22,040 6.5
Medieval Inst.	S. Gersh	Philosophy in the Early Middle Ages	J.S. Guggenheim Mem. Fdn.	53,354 12
Music	E. Haimo	Schoenberg's Twelve-Tone Idea	J.S. Guggenheim Mem. Fdn.	43,260 9

Communication Theatre	M. Lifton	Beckett Directs Beckett	J.S. Guggenheim Mem. Fdtn.	42,600 13
Aerospace Mech. Eng.	K.T. Yang	Requisition for Computer Time on Purdue CYBER-205 Supercomputer	Natl. Sci. Fdtn.	-- 24
Biological Sciences	H. Saz	Intermediary Metabolism of Helminths	Natl. Inst. Health	171,626 12
Sociology	F. Dasilva	Hermeneutic Levels and Mediations	Natl. Human. Center	54,404 12
Cent. Study Cont. Soc.	J. Santos, R. Hubbard	Evaluation of the Impact of Mental Health Outreach Workers	DHHS/Office Human Dev. Ser.	123,143 17
Sociology	F. Dasilva	Construction of Revolutionary Myth in CINEMANOVO	Smithsonian Inst.	54,404 12
Sociology	K. Christiano	Civil Religion in Canada	Smithsonian Inst.	33,524 12
Mod. Class. Languages	A. Wimmer	Revision of German Literature	Amer. Council Learned Soc.	37,736 6
Prog. Lib. Studies	S. Fallon	Milton and Seventeenth Century Philosophy	Amer. Council Learned Soc.	32,480 8
Mod. Class. Languages	J. Welle	The Cinema in Italian Poetry 1945-1985	Amer. Council Learned Soc.	32,944 14
Prog. Lib. Studies	M. Tillman	The Thought of John Henry Newman	Amer. Council Learned Soc.	40,344 8
Philosophy	M. Detlefsen	Static vs. Dynamic Conceptions of Theory	Amer. Council Learned Soc.	45,624 9
Music	E. Haimo	Schoenberg's Twelve-Tone Idea	Amer. Council Learned Soc.	44,848 12
Philosophy	H. Wettstein	A Theory of Direct Reference	Amer. Council Learned Soc.	44,624 12
Medieval Inst.	S. Gersh	Early Medieval Philosophy	Amer. Council Learned Soc.	65,096 6
Biological Sciences	F. Goetz	Reproduction in Centrarchids	Whitehall Fdtn., Inc.	128,257 36
Chemical Eng.	J. Kantor	Presidential Young Investigator-Supplement	Natl. Sci. Fdtn.	47,800 12
Civil Eng.	B. Spencer	On the Reliability of Degrading Structures	Amer. Soc. Civil Engrs.	41,528 12
Chemistry	D. Pasto	Substituent Effects in Radical Systems	Natl. Sci. Fdtn.	290,582 36
Aerospace Mech. Eng.	T. Doligalski	Compliant Surface Drag Reduction	Dept. Navy	134,177 29
Government Intl. Studies	P. Moody, S. Ding	ACLS Fellowship	Amer. Council Learned Soc.	12,245 12
Biological Sciences	J. Duman	Minority High School Research Apprentice Program	Natl. Inst. Health	4,500 12
Cushwa Cent. Amer. Cath.	J. Dolan	Historical Roots of R.C. Parish	Lilly Endow., Inc.	176,455 24
Accountancy	M. Morris, W. Nichols	An Analysis of Auditors' Materiality Judgments	Peat Marwick Fdtn.	26,660 11

PROPOSALS FOR FACILITIES AND EQUIPMENT

Chemistry	T. Fehlner	Nuclear Magnetic Resonance Data Processing Station	Natl. Sci. Fdtn.	105,850 12
Management	M. Radzicki, B. Roach	Apple Macintosh Grant	Apple Comp. Co., Inc.	84,000 9
Physics	B. Bunker	RHEELS Studies of Surfaces and Interfaces	Dept. Army	275,000 12

Physics	J. Dow	Microstructure Research	Dept. Army	300,000 12
Electrical Eng.	Y.F. Huang, R. Liu	Computer Equipment for Developing a Simulation Package for GSPN	Dept. Defense	88,375 12
Physics	J. Dow	Scanning Tunneling Microscope	Dept. Army	300,000 12
Metallurgical Eng.	A. Miller	Sputtering System Purchase	Dept. Defense	188,000 12

PROPOSALS FOR INSTRUCTIONAL PROGRAMS

Art, Art Hist.&Design	M. Geoffrion, S. Madigan	New Landscapes - Mindscapes of the 80's	Natl. Endow. Arts	21,480 8
Prog. Lib. Studies	F. Crosson	Master of Arts in the Humanities	Natl. Endow. Humanities	713,724 36

PROPOSALS FOR OTHER PROGRAMS

Prog. Lib. Studies	M. Crowe	Lilly Endowment Faculty Open Fellowship	Lilly Endow., Inc.	88,907 9
Government Intl. Studies	J. Butterfield, G. Brinkley	Fulbright-Hays Doctoral Dissertation Research Abroad Program	Dept. Education	5,809 9
School Architecture	N. Crowe	Lilly Endowment Faculty Open Fellowship	Lilly Endow., Inc.	81,094 12
School Architecture	S. Hurtt	Lilly Endowment Faculty Open Fellowship	Lilly Endow., Inc.	83,811 9
University Libraries	Sereiko, Akai, Jordan	Preservation and Enrichment of the History of Medieval Univ. Collection	Dept. Education	207,476 15
Snite Museum of Art	T. Larkin, D. Porter	General Operating Support	Inst. Museum Services	75,650 12

summary of awards received and proposals submitted

IN THE MONTH OF NOVEMBER, 1985

AWARDS RECEIVED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	6	192,605	6	152,721	12	345,326
Facilities and Equipment	0	0	0	0	0	0
Instructional Programs	1	51,500	0	0	1	51,500
Service Programs	0	0	4	7,864	4	7,864
Other Programs	0	0	1	10,000	1	10,000
Total	7	244,105	11	170,585	18	414,690

PROPOSALS SUBMITTED

Category	Renewal		New		Total	
	No.	Amount	No.	Amount	No.	Amount
Research	4	509,571	34	3,003,023	38	3,512,594
Facilities and Equipment	0	0	7	1,341,225	7	1,341,225
Instructional Programs	0	0	2	735,204	2	735,204
Service Programs	0	0	0	0	0	0
Other Programs	0	0	6	542,747	6	542,747
Total	4	509,571	49	5,622,199	53	6,131,770

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