

NOTRE DAME REPORT

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Notre Dame Receives Mader Award

The University of Notre Dame and Villanova University have received the Catholic Network of Volunteer Service's (CNVS) 1996 Father George Mader Award in recognition of the roles both institutions have played in promoting lay mission service.

The award, given annually during the fall meeting of the nation's Catholic bishops, was conferred in a ceremony in Washington, D.C., Nov. 12. Notre Dame's president Rev. Edward A. Malloy, C.S.C., and Rev. Edmund J. Dobbin, president of Villanova, accepted the award on behalf of their universities.

Each year, between 10 and 12 percent of Notre Dame's graduating class commit themselves to one or more years of community service. Almost 80 percent of Notre Dame undergraduate students participate in community service projects or academic "serving/learning" courses and seminars coordinated by the Center for Social Concerns. Students, faculty and staff are among the local volunteers at the Center for the Homeless. The Alliance for Catholic Education trains recent graduates and others to staff financially strapped Catholic schools in several southern states. Other graduates serve the poor in the cities of the United States and in the mission fields of the Third World through the Holy Cross Associates program. In addition, the Alumni Association provides volunteers for such nationwide programs as Habitat for Humanity and sponsors several of its own service projects.

The Mader Award citation notes many of these activities and praises Notre Dame for its encouragement of them, adding that "the individual commitments of students, faculty, staff and alumni have created, in the words of your mission statement, 'a sense of human solidarity and concern for the common good that will bear fruit as learning becomes service to justice.'"

The Father George Mader Award was established in 1987 by CNVS to honor organizations and persons who encourage lay people to serve the poor in the United States and abroad. The award is named after a priest of the Newark, N.J., archdiocese who, with his sister, Patricia Mader Stalker, founded CNVS in 1963. Previous recipients of the Mader award include the Catholic Church Extension Society; the American Board of Catholic Missions; the Black and Indian Mission Office; Bishop Joseph A. Francis, S.V.D., the CNVS episcopal advisor; and Sr. Ellen Cavanaugh, R.S.M., who served as the CNVS executive director from 1987 to 1994.

CNVS is the official U.S. Catholic network of lay mission programs. It coordinates some 180 Catholic programs, recruiting, training and supporting lay volunteers.

Liberace Foundation Supports Scholarships

Notre Dame has received a \$5,000 grant from the Liberace Foundation for the Performing and Creative Arts for scholarships supporting outstanding students in the music department during the 1996-97 academic year.

Since 1990, the Liberace Foundation has given almost \$50,000 in scholarship grants to students in Notre Dame's music department.

The Liberace Foundation grant to Notre Dame is one of 47 awards totaling more than \$200,000 which the foundation has given to schools and creative arts organizations during the current academic year.

The late pianist and showman Liberace established the foundation in 1976 to provide scholarships for the arts. Since then, it has provided more than \$3 million in scholarship grants for outstanding students and artists in more than 80 schools and arts programs. Funds for the scholarships are generated by donations to the Liberace Museum, which houses Liberace's costumes, exotic cars, pianos, stage jewelry and various collections. The museum is one of the three largest tourist attractions in Las Vegas.

FACULTY NOTES

Honors

Hafiz M. Atassi, professor of aerospace and mechanical engineering and director of the Center for Applied Mathematics, received the "International Aircraft Fund Award" at the University of Tokyo in Tokyo, Japan.

Kevin Dreyer, assistant professional specialist in communication and theatre, was appointed to the advisory board of Southhold Dance Theatre. This board is made up of community leaders and artists.

Rev. Theodore M. Hesburgh, C.S.C., president emeritus and professor of theology, has been awarded the Archbishop Edward F. Hoban Award by the Diocese of Cleveland for his lifetime commitment to providing high quality academic and moral education to students. The Hoban Award memorializes the archbishop who served the Cleveland diocese from 1945 to 1966. As bishop, he established 66 parishes, 53 Catholic schools, the Borromeo Seminary and many of Catholic Charities' agencies.

Rev. Robert A. Krieg, C.S.C., associate professor of theology, received a third place award within the category of History/Biography from the Catholic Press Association for his edited book *Romano Guardini: Proclaiming the Sacred in a Modern World* published by Liturgy Training Publications, Chicago, 1995.

John M. LoSecco, professor of physics, has been appointed to the advisory committee for the Particle Data Group. This committee, which is appointed by the Lawrence Berkeley National Laboratory Physics Division director and the CERN director general, reviews all aspects of Particle Data Group operations.

Activities

John H. Adams, assistant professor of biological sciences, presented the research talk "Expression and Antigenicity of the *Plasmodium virax* Duffy Binding Protein" at the EBA-175/-Duffy Review Meeting sponsored by the Steering Committee on Vaccines for Malaria WHO held in Bethesda, Md., Sept. 24. The meeting was to organize a task force on erythrocyte binding proteins of malaria parasites in order to prioritize direction of vaccine development and distribution of funds.

Hafiz M. Atassi, professor of aerospace and mechanical engineering and director of the Center for Applied Mathematics, gave an invited lecture titled "Unsteady Aerodynamics and Aeroacoustics of Nonuniform Flows" at the Central Aero-Hydrodynamic Institute at the Russian Academy of Sciences in Moscow, Russia, July 1. He gave

the invited lectures titled "Aeroacoustics and Aerodynamics of Nonuniform Rotational Flows" at the five national universities in Japan: Tokyo, Nagoya, Kyoto, Kyushu and Tokai, Japan, Aug. 13-Sept. 14.

Gail Bederman, assistant professor of history, chaired and commented on a session titled "Mobile Masculinity: Desire, Success, Identity" at the American Studies Association annual meeting in Kansas City, Mo., Nov. 1.

Daniel J. Costello Jr., chairperson and professor of electrical engineering, presented a talk titled "Can Sequential Decoding Compete with Turbo Codes?" at the 34th annual Allerton conference on Communication, Control, and Computing in Monticello, Ill., Oct. 3.

Lawrence S. Cunningham, chairperson and professor of theology, presented the seminar "The Meaning of the Catholic College/University" to selected Rosemont College and Villanova University faculty and administrators in Rosemont, Pa., Oct. 4. He gave the lecture "The Contemporary Meaning of St. Francis of Assisi" at Rosemont College in Rosemont, Pa., Oct. 4. He gave the public reading "From the Writings of Thomas Merton" at Cornerstone Bookstore in Philadelphia, Pa., Oct. 5. He presented the lectures "Thomas Merton and American Culture" and "Reflections on Editing the Merton Journals" for the inauguration of the Merton Room of the Nazareth College Library in Rochester, N.Y., Oct. 25-26.

Fred R. Dallmayr, chairperson and Dee professor of government and international studies, presented a special invited lecture on "Modes of Cross-Cultural Encounter" at the meeting of the Japanese-American Society for Phenomenology held in Sendai, Japan, Sept. 18-21. He gave the lecture "Justice and Global Democracy" at Hong Kong Baptist University in Hong Kong, Oct. 1. He presented a paper on "Jnanadev and the Warkari Movement" at the eighth international Vendanta Congress held at Miami University in Oxford, Ohio, Oct. 31-Nov. 3.

Malgorzata Dobrowolska, associate professor of physics, presented "Exploitation of Diluted Magnetic Semiconductors for Investigating Multiple Quantum Wells" at the Solid State Physics Seminar at the Department of Physics at the State University of New York in Buffalo, N.Y., Oct. 8. She presented the invited talk "Band Offset Tuning and Wave Function Mapping in Semimagnetic Quantum Well Structures" with Jacek K. Furdyna, Marquez professor of physics, at the international symposium on II-VI Compounds in Wurzburg, Germany, Oct. 28-29.

James P. Dougherty, professor of English, gave a demonstration and commentary on *PoemReader*, his hypertext tutorial for poems, at the conference titled Attending to Technology at the University of Maryland in Baltimore, Md., Nov. 9.

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Leonid Faybusovich, associate professor of mathematics, gave the invited talk "Linear Systems in Jordan Algebras and Primal-dual Interior-point Algorithms" at the conference on the occasion of the 60th anniversary of W. Gragg at the Naval Postgraduate School in Monterey, Calif., Nov. 1-2.

Rev. Patrick D. Gaffney, C.S.C., associate professor of anthropology, fellow in the Kroc Institute and acting director of the Mediterranean/Middle East Studies Program, served as one of three scholars on the jury to select the best dissertation in the social sciences dealing with the Middle East written over the past year. The award, the Malcolm H. Kerr Dissertation Prize for 1996, is annually awarded by the Middle East Studies Association. He gave a paper titled "Burundi: Between Humanitarian Emergency and Genocidal Disaster" at a conference on the Political Economy of Humanitarian Emergencies sponsored by the United Nations University/WIDER in Helsinki and by the Queen Elizabeth House in Oxford, England, held in Helsinki, Finland, Oct. 6-8.

Philip Gleason, professor emeritus of history, delivered a lecture on "Catholic Higher Education in Twentieth-Century America" and conducted an informal workshop on writing the history of Catholic colleges and universities with a faculty committee engaged in preparing such a history of DePaul University in Chicago, Ill., Nov. 1.

Glenn Hendler, assistant professor of English, presented a paper titled "Private Man, Public Sentiments: Dandifying Masculinity in Fanny Fern and Henry James" at the American Studies Association annual conference in Kansas City, Mo., Oct. 31.

Ruthann K. Johansen, associate professional specialist and concurrent associate professor in the arts and letters core course, presented "The Poetics of Self-Reconstruction: Narratives and Brain Injury" at the fifth international conference on Narratives at the University of Kentucky in Lexington, Ky., Oct. 18-20.

Prashant V. Kamat, professional specialist in the Radiation Laboratory, presented "Composite Semiconductor Nanoclusters for Photocatalysis" and "Degradation of Textile Azo Dyes Using Visible Light" at the second international conference on TiO₂ Photocatalytic Purification and Treatment of Air and Water in Cincinnati, Ohio, Oct. 26-29.

Lee Krajewski, Daley professor of manufacturing strategy, presented "Supply Chain Flexibility" with Jerry Wei, associate professor of management, in a seminar at the Chinese University of Hong Kong, June 21. He presented "Modeling Master Production Scheduling Policies for Supply-chain Flexibility" with Wei at the Asia Pacific Decision Sciences Institute Conference at the Hong Kong Uni-

versity of Science and Technology in Hong Kong, June 22. He conducted a plenary session on the topic of publishing articles in the *Decision Sciences* journal and discussed the latest innovations in the review process at that conference.

Pamela A. Krauser, associate professional specialist in the Graduate School, served as a panelist for the session titled "Creating Home Pages: Tales from the Trenches" at the annual meeting of the National Council of University Research Administrators in Washington, D.C., Nov. 6.

Rev. Robert A. Krieg, C.S.C., associate professor of theology, gave the paper "To *Nostra Aetate*: M. Buder and R. Guardini" at the Holocaust Conference: Religion, Gender, Genocide held at the University of Notre Dame, Notre Dame, Ind., Nov. 2.

Gary A. Lamberti, associate professor of biological sciences, gave the Entomology Seminar "Intermediate Regulation of Stream Food Webs by Benthic Invertebrates" at Michigan State University in East Lansing, Mich., Nov. 4.

Jay A. LaVerne, professional specialist in the Radiation Laboratory, gave the invited lecture "Radiation Chemistry Studies with Highly Charged Particles: Excited States in Benzene" at the Advanced Research Center for Science and Engineering at Waseda University, Tokyo, Japan. He presented "Radicals and Excited States in the Heavy Ion Radiolysis of Liquid Hydrocarbons" at the Graduate School of Engineering at Hokkaido University in Sapporo, Japan, Oct. 8. He gave the lectures "Effects of Ion Beams in Water, Track Structure Model" and "Radicals and Excited States in the Heavy Ion Radiolysis of Liquid Hydrocarbons" at the Japan Atomic Energy Research Institute in Takasaki, Japan, Oct. 11. He presented the poster "Fluorescence in the Heavy Ion Radiolysis of Benzene" and the lecture "Radiolysis of the Fricke Dosimeter with Very High LET ⁵⁸Ni and ²³⁸U Ions" at the annual meeting of the Japanese Radiation Chemical Society in Tsukuba, Japan, Oct. 17. LaVerne lectured on "Radiation Chemistry Studies with Highly Charged Particles: Excited States in Benzene" at the Institute of Scientific and Industrial Research at Osaka University in Osaka, Japan, Oct. 19. He presented "Radiation Chemistry Studies with Heavy Ions" at the Institute of Physical and Chemical Research in Saitama, Japan, Oct. 22. He presented "Track Effects in Water Radiolysis with High-Energy Heavy Ions: Irradiation of the Fricke Dosimeter" at the Japan Atomic Industry Forum in Tokyo, Japan, Oct. 23.

Gilbert Loescher, professor of government and international studies, chaired a European Union-British Foreign Office sponsored meeting titled "After the Barcelona Conference: Relations Between the European Union and its Mediterranean Partners" at the Royal Institute of International Affairs in London, England, Oct. 21.

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Rev. Richard P. McBrien, Crowley-O'Brien-Walter professor of theology, gave the keynote address "Justice in the Church: The Unfinished Business of Catholic Social Teaching" at the National Association of Catholic School Teachers in Philadelphia, Pa., Oct. 12. He presented "The Church of the Future: How Will the Catholic Church Survive and Thrive?" at the Church of the Transfiguration in Pittsford, N.Y., Oct. 17. He presented "Challenges Facing the Church: The New Search for Common Ground" at St. Bernard's Institute in Rochester, N.Y., Oct. 18. He gave the talk "The Church and Politics: The 1996 Campaign" at the Religion and Politics lecture series to the Office of Chaplains at Oberlin College in Oberlin, Ohio, Oct. 29.

Juan Migliore, professor of mathematics, gave the talk "Reduced Gorenstein Codimension Three Subschemes of Projective Space" at the American Mathematical Society meeting in Columbia, Mo., Nov. 1.

Eileen B. Mikals-Adachi, associate professor of classical and Oriental languages and literatures, presented the paper "Recreating the Legend of Ono no Komachi — Enchi Fumiko's *Komachi Henso*" at the Midwest Association for Japanese Literary Studies at Indiana University in Bloomington, Ind., Nov. 1-3.

Philip E. Mirowski, Koch professor of economics and the history and philosophy of science, gave an invited talk on "Economic Anthropology and the Elusive Character of Value" at the Conference on Exchange, "Die Welt des Tauches," at the Internationales Forschungszentrum Kulturwissenschaften in Vienna, Austria, Oct. 12. He presented the paper "Harold Hotelling and the Neoclassical Dream" at the University of East Anglia in Norwich, England, Oct. 15. He was one of four featured speakers presenting a talk titled "*Ratio ex Machina*" at the third symposium on the Question of Economic Value at the University of Texas in Austin, Tex., Oct. 25. He put together a symposium on "The Use of Economic Concepts in the Philosophy of Science" and presented the paper, "On Playing the Economics Trump Card in the Philosophy of Science: Why it didn't work for Michael Polanyi" at the annual meeting of the Philosophy of Science Association in Cleveland, Ohio, Nov. 2.

Terrence W. Rettig, professional specialist and concurrent associate professor of physics, presented a paper titled "The Nature of Comet Shoemaker-Levy 9 Dust Co-mae" at the 1996 international Cospas Colloquium 10, Asteroids, Comets and Meteors, in Versailles, France, July 8-12. He co-authored and presented the paper "Dust Size and Outflow Velocity Distributions for Comet S-L-9" with graduate student Joseph Hahn at the Division for Planetary Sciences meeting in Tucson, Ariz., Oct. 23-26.

Ellen D. Rogers, associate professional specialist in the Graduate School, moderated the NEH-NEA Update session and led a roundtable discussion titled "Using ERA for Collaborative Research" at the annual meeting of the National Council of University Research Administrators in Washington, D.C., Nov. 3-7.

Valerie Sayers, professor of English, gave a reading of recent fiction at Purdue University in West Lafayette, Ind., Oct. 16.

Elizabeth R. Schiltz, associate professor of law, gave a lecture on "Electronic Banking — Where are We Now?" at a meeting of the Credit Card Bank Compliance Association in Chicago, Ill., Oct. 18.

Mei-Chi Shaw, professor of mathematics, gave an invited seminar talk titled "Subelliptic Estimates for the $\bar{\partial}$ -Neumann Operator on Strictly Pseudoconvex Lipschitz Domains" at the Department of Mathematics at Texas A&M University in College Station, Tex., Oct. 21.

Peter H. Smith, assistant professor of music, delivered a paper titled "Brahms and Motivic $6/3$ Chords" at the annual meeting of the Society for Music Theory in Baton Rouge, La., Nov. 2.

Billie F. Spencer Jr., professor of civil engineering and geological sciences, gave an invited lecture titled "Structural Control for Dynamic Hazard Mitigation: Passive, Active and Semi-Active" at the Institute for Mechanics at Bauhaus-University in Weimar, Germany, Oct. 14-15. He gave an invited seminar titled "Current Trends in Civil Infrastructure Research" and a short course titled "Experimental Methods in Structural Dynamics" in the Department of Structural Mechanics at the University di Pavia in Pavia, Italy, Oct. 16-30.

John P. Welle, associate professor of Romance languages and literatures, read his translations of the poetry of Andrea Zanzotto at the American Literary Translators' annual conference held at Indiana University in Bloomington, Ind., Nov. 9.

Ursula M. Williams, associate professional specialist and director of the Language Resource Center, gave the invited address "Caution Signs on the Internet Superhighway" and served as moderator for the panel discussion "Technology: Help or Hindrance" at the regional meeting of Learning Laboratory directors at the University of Dayton in Dayton, Ohio, Nov. 1-2.

Randall C. Zachman, assistant professor of theology, presented "Pious Meditation: The Role of Contemplation in the Theology of John Calvin" at the conference on Sixteenth Century Studies in St. Louis, Mo., Oct. 26.

ADMINISTRATORS' NOTES

Activities

Mary Ellen Koepfle, acting director of Restricted Funds, served as a panelist for a special workshop titled "Cost Sharing Documentation — A New Federal Interest" at the annual meeting for the National Council of University Research Administrators in Washington, D.C., Nov. 3.

Jeffrey R. Shoup, director of Residence Life, presented "The Seven Spiritual Laws of Success: A Guide to Being a Successful Student Affairs Professional at the Great Lakes Association of College and University Housing Officers conference in Toledo, Ohio, Nov. 3-5.

Publications

Alan S. Bigger, director of building services, and Linda B. Bigger, assistant director of purchasing, wrote "Paradigms in the Sand: Us + Them = We" published in the November issue of *Executive Housekeeping Today*.

THE GRADUATE SCHOOL OFFICE OF RESEARCH

Current Publications and Other Scholarly Works

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

COLLEGE OF ARTS AND LETTERS

Classical and Oriental Languages and Literatures

Afsaruddin, Asma

- A. Afsaruddin. 1996. Soliloquy to the moon — A translation. *Edebiyat — The Journal of Middle Eastern Literatures* 7 (1): 105-114.

English

Hendler, Glenn S.

- G. S. Hendler. 1996. Pandering in the public sphere: Masculinity and the market in Horatio Alger. *American Quarterly* 48 (3): 415-438.

Slabey, Robert M.

- R. M. Slabey. 1996. *The United States and Vietnam from war to peace*. Jefferson, N.C., and London: McFarland. xii + 268 pp.

First Year Composition and Literature

Crowe, Marian E.

- M. E. Crowe. 1996. Falling off Chesterton's chariot. *New Oxford Review* 63 (9): 9-12.

Government and International Studies

Dallmayr, Fred R.

- F. R. Dallmayr. 1996. Democracy and multiculturalism. In *Democracy and difference: Contesting the boundaries of the political*, ed. S. Benhabib, 278-294. Princeton, N.J.: Princeton University Press.

- F. R. Dallmayr. 1996. The discourse of modernity: Hegel, Nietzsche, Heidegger and Habermas. In *Habermas and the unfinished project of modernity*, eds. M. P. d'Entrèves and S. Benhabib. Cambridge: Polity Press.

Leege, David C.

- D. C. Leege. 1996. The Catholic vote in '96: Can it be found in church? *Commonweal* 123 (16): 11-18.
- D. C. Leege. 1996. Religiosity measures in the national election studies: A guide to their use, Part 2. *Vote & Elections* 2 (July-August): 6-9, 33-36.

History

Appleby, R. Scott

- R. S. Appleby. 1996. Introduction. In *Spokesmen for the despised: Fundamentalist leaders of the Middle East*, ed. R. S. Appleby, 1-15. Chicago: University of Chicago Press.

- R. S. Appleby. 1996. The measure of a fundamentalist leader. In *Spokesmen for the despised: Fundamentalist leaders of the Middle East*, ed. R. S. Appleby, 398-413. Chicago: University of Chicago Press.

- R. S. Appleby, ed. 1996. *Spokesmen for the despised: Fundamentalist leaders of the Middle East*. Chicago: University of Chicago Press. viii + 429 pp.

Gleason, Philip

- P. Gleason. 1996. Vehicle of the great tradition: Saint Louis University and Catholic Higher Education. *Theology Digest* 43 (Summer): 134-150.

Philosophy

McInerny, Ralph M.

- R. McInerny. 1996. Conscience and the object of the moral act. In *Crisis of conscience*, ed. J. M. Haas, 93-110. New York: Crossroad Publishing.

- R. McInerny. 1996. *The tears of things*. New York: St. Martin's Press. 341 pp.

Romance Languages and Literatures

Cachey, Theodore J., Jr.

- T. J. Cachey Jr. 1996. Review of *The inferno of Dante*, by R. Pinsky. *Lectura Dantis: A Forum for Dante Research and Interpretation* 18-19 (Spring-Fall): 134-138.

Sociology

Christiano, Kevin J.

- K. J. Christiano. 1996. From TCA to Air Canada: The political patterns of a future prime minister. *American Review of Canadian Studies* 26 (1): 53-70.

Dasilva, Fabio B.

- F. B. Dasilva. 1996. Alexander Scriabin and the question of being. In *All music: Essays on the Hermeneutics of music*, eds. F. B. Dasilva and D. L. Brunσμα, 101-116. Aldershot, England: Avebury Press.

- F. B. Dasilva. 1996. On the Hermeneutics of music. In *All music: Essays on the Hermeneutics of music*, eds. F. B. Dasilva and D. L. Brunσμα, 1-40. Aldershot, England: Avebury Press.

- F. B. Dasilva and D. L. Brunσμα, eds. 1996. *All music: Essays on the Hermeneutics of music*. Aldershot, England: Avebury Press. 252 pp.

THE GRADUATE SCHOOL OFFICE OF RESEARCH

Theology

- Burrell, David B., C.S.C.
D. B. Burrell, C.S.C. 1996. The Christian distinction celebrated and expanded. In *The truthful and the good*, eds. J. Drummond and J. Hart, 191-206. Dordrecht, The Netherlands: Kluwer Academic Publishers.
- Cunningham, Lawrence S.
L. S. Cunningham. 1996. Cassian's hero and discernment: Some reflections. In *Finding God in all things: Essays in honor of Michael Buckley, S.J.*, eds. M. Himes and S. Pope, 231-243. New York: Crossroad Herder.
- L. S. Cunningham. 1996. How Catholics keep alive their connection with the dead. *U. S. Catholic* 61 (November): 6-12.
- L. S. Cunningham. 1996. Religion booknotes. *Commonweal* 123 (27 September): 27-30.
- L. S. Cunningham. 1996. Tattered treasure of Assisi. *Cross Point* 9 (Fall): 18-30.
- L. S. Cunningham and K. J. Egan. 1996. *Christian spirituality: Themes from the tradition*. Mahwah, N.J.: Paulist. 216 pp.
- Egan, Keith J.
See under Cunningham, Lawrence S. 1996. *Christian spirituality: Themes from the tradition*.
- Hilkert, Mary Catherine, O.P.
M. C. Hilkert, O.P. 1996. Edward Schillebeeckx. In *A new handbook of Christian theologians*, eds. D. W. Musser and J. L. Price, 411-418. Nashville, Tenn.: Abingdon.
- Porter, Jean
J. Porter. 1996. Contested categories: Reason, nature and natural order in medieval accounts of the natural law. *Journal of Religious Ethics* 24 (2): 207-232.
- Sterling, Gregory E.
G. E. Sterling. 1996. Review of *Flavius Josephus*, by M. Hadas-Lebel. *The Studia Philonica Annual* 8:212-214.
- G. E. Sterling. 1996. Review of *The origins and evolution of the Moses nativity story*, by J. Cohen. *The Studia Philonica Annual* 8:197-198.
- G. E. Sterling. 1996. Review of *Parables as subversive speech*, by W. R. Herzog II. *Theology Today* 53:423.
- G. E. Sterling. 1996. Review of *Studies in early Jewish epigraphy*, by J. W. van Henten and P. W. van der Horst. *The Studia Philonica Annual* 8:174-177.
- G. E. Sterling, guest editor. 1996. Special section: Philo and mysticism. *The Studia Philonica Annual* 8:73-106.
- Ulrich, Eugene C.
E. C. Ulrich. 1996. Multiple literary editions: Reflections toward a theory of the history of the biblical text. In *Current research and technological developments on the Dead Sea scrolls: Conference on the texts from the Judean desert*, Jerusalem, 30 April, eds. D. W. Parry and S. D. Ricks, 78-105. Leiden, The Netherlands: E. J. Brill.

Yoder, John H.

- J. H. Yoder. 1996. The credibility and political uses of the just war tradition. In *Morals and might*, eds. G. A. Lopez and D. Christiansen, 11-24. Boulder, Colo.: Westview.

COLLEGE OF SCIENCE

Buechler, Steven A.

- S. A. Buechler and K. Cylke, eds. 1996. *Social movements: Perspectives and issues*. Mountain View, Calif.: Mayfield Publishing.

Biological Sciences

Saz, Howard J.

- H. J. Saz, B. de Bruyn and Z. de Mata. 1996. Acyl-CoA transferase activities in homogenates of *Fasciola hepatica* adults. *Journal of Parasitology* 82: 694-696.

Chemistry and Biochemistry

Castellino, Francis J.

- M. Prorok, J.-P. Geng, S. E. Warder and F. J. Castellino. 1996. The entire γ -carboxyglutamic acid- and helical stack-domains of human coagulation factor IX are required for optimal binding to its endothelial cell receptor. *International Journal of Peptide and Protein Research* 48:281-285.

Chetcuti, Michael J.

- M. J. Chetcuti, B. E. Grant and P. E. Fanwick. 1996. Reactions of terminal alkynes with group 6-group 10 heterobimetallics. *Organometallics* 15 (21): 4389-4397.

Mathematics

Faybusovich, Leonid

- L. Faybusovich. 1996. Semi-definite programming: A path-following algorithm for a linear-quadrization. *SIAM Journal on Optimization* 6 (4): 1007-1024.
- L. Faybusovich, A. Lim and J. Moore. 1996. Separation theorem for linearly constrained LQG optimal control. *Systems & Control Letters* 28 (4): 227-237.

Smyth, Brian B.

- B. B. Smyth and F. Xavier. 1996. Injectivity of local diffeomorphisms from nearly spectral conditions. *Journal of Differential Equations* 130 (2): 406-414.

Sommese, Andrew J.

- A. J. Sommese and C. W. Wampler. 1996. Numerical algebraic geometry. In *Lectures in applied mathematics. Vol. 32, The mathematics of numerical analysis*, eds. J. Renegar, M. Shub and S. Smale, 749-763. Providence, R.I.: American Mathematical Society.

Xavier, Frederico

- See under Smyth, Brian B. 1996. *Journal of Differential Equations* 130 (2): 406-414.

THE GRADUATE SCHOOL OFFICE OF RESEARCH

Physics

Bishop, James M.

P. L. Frabetti, et al., Notre Dame (J. M. Bishop, N. M. Cason, R. C. Ruchti and W. D. Shephard). 1996. Analysis of the Cabibbo suppressed decay $D^0 \rightarrow \pi^- l^+ \nu$. *Physics Letters B* 382:312-322.

P. L. Frabetti, et al., Notre Dame (J. M. Bishop, N. M. Cason, R. C. Ruchti and W. D. Shephard). Charm-anticharm asymmetries in high energy photoproduction. *Physics Letters B* 370:222-232.

Blackstead, Howard A.

H. A. Blackstead and J. D. Dow. 1996. Ni and Zn doping of Cu sites in superconducting $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$, $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$, $\text{YBa}_2\text{Cu}_3\text{O}_7$, $\text{YBa}_2\text{Cu}_4\text{O}_8$ and $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. *Philosophical Magazine* 74:675-708.

Cason, Neal M.

See under Bishop, James M. 1996. *Physics Letters B* 382:312-322.

See under Bishop, James M. 1996. *Physics Letters B* 370:222-232.

Cushing, James T.

J. T. Cushing. 1996. Review of *The interpretation of quantum mechanics*, by M. Bitbol. *Isis* 87 (3): 570-571.

J. T. Cushing. 1996. Review of *Renormalization: From Lorentz to Landau*, by L. M. Brown. *Foundations of Physics* 26 (3): 427-429.

Kolata, James J.

M. Zahar, M. Belbot, J. J. Kolata, K. Lamkin, D. J. Morrissey, B. M. Sherrill, M. Lewitowicz, A. H. Wuosmaa, J. S. Al-Khalili, J. A. Tostevin and I. J. Thompson. 1996. Quasielastic scattering of ^9Li on ^{12}C . *Physical Review C* 54 (3): 1262-1266.

See under Schwarzenberg, Johannes. 1996. *Physical Review C* 53 (6): R2598-R2601.

Ruchti, Randal C.

See under Bishop, James M. 1996. *Physics Letters B* 382:312-322.

See under Bishop, James M. 1996. *Physics Letters B* 370:222-232.

Schwarzenberg, Johannes

J. Schwarzenberg, J. J. Kolata, D. Peterson, P. Santi, M. Belbot and J. D. Hinnefeld. 1996. Sub-Coulomb dissociation of ^8B . *Physical Review C* 53 (6): R2598-R2601.

Shephard, William D.

See under Bishop, James M. 1996. *Physics Letters B* 382:312-322.

See under Bishop, James M. 1996. *Physics Letters B* 370:222-232.

COLLEGE OF ENGINEERING

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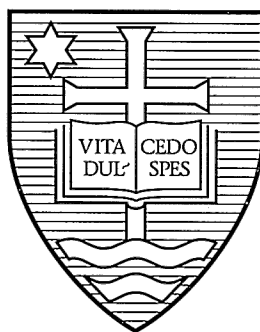
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