

NOTRE DAME REPORT

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Honors

Richard Jensen, guest associate professor of biological sciences, has been appointed associate editor of *Systematic Botany*, the quarterly journal of the American Society of Plant Taxonomists.

Jeanne Halgren Kilde, assistant professor of American studies, was elected to a second term on the executive committee of the Great Lakes American Studies Association.

Kwan S. Kim, professor of economics and fellow in the Kellogg Institute, was named by Macmillan Press as co-editor in the academic series *Studies on the Modern Korean Economy*.

Scott Mainwaring, Conley chairperson and professor of government and international studies, was elected to the executive committee of the Latin American Studies Association. He was named to the advisory board of the *Revista de Ciencias Sociales* (Argentina).

Karamjit S. Rai, professor of biological sciences, has been nominated by the Council of the National Academy of Sciences, India, as a member of the editorial advisory board for the monthly journal, *National Academy Science Letters*. The board consists of 16 members from the United States, the United Kingdom, France, Japan and India.

Joachim Rosenthal, associate professor of mathematics, has been appointed to the editorial board of the *Journal of Mathematical Systems, Estimation and Control*.

Activities

Doris Bergen, assistant professor of history, presented "Gender and Genocide: Lessons from the Holocaust?" at a conference on Men, Women and War at the University of Ulster, Magee College, in Derry, Northern Ireland, March 7.

Jeffrey H. Bergstrand, associate professor of finance and business economics and fellow in the Kroc Institute, discussed the paper "The Growth of World Trade: Evidence and Explanations" at an American Economic Association session at the annual Allied Social Science Association meeting in New Orleans, La., Jan. 4-6. He presented the Hesburgh lecture "Globalization: Workplace Winners and Losers" to the World Affairs Council at Western Michigan and the Notre Dame Club of Grand Rapids, Mich., at the Gerald R. Ford Presidential Museum in Grand Rapids, March 24.

Ikaros Bigi, professor of physics, gave two lectures on "CP Violation — Probing Nature's Grand Design" at the XXV ITEP Winter School of Physics in Moscow, Russia, Feb. 18-27. He delivered the talk "Beauty Decays — A Case Study of High Sensitivity, High Precision and High Impact Physics" at the HEP Seminar at the Lawrence Livermore Laboratory in Livermore, Calif., March 10, and at the Lawrence Berkeley Laboratory in Berkeley, Calif., March 13. He acted as convenor at the BABAR Workshop at Princeton University in Princeton, N.J., March 16-20.

Howard A. Blackstead, professor of physics, presented the following contributed papers at the March meeting of the American Physical Society in Kansas City, Mo., March 17-21: "Observation of Granular Superconductivity in Polycrystalline $\text{Sm}_{2-x}\text{Ce}_x\text{CuO}_{4-y}$ " with P. Beeli, **David B. Pulling**, assistant professional specialist in physics, and A.K. Heilman; "Crystal Field Effects in $\text{Ln}_{2-z}\text{Ce}_z\text{CuO}_4$ Homologues" with W.E. Packard and J.D. Dow; "Percolative Superconductivity in $\text{Ln}_{2-z}\text{Ce}_z\text{Sr}_2\text{Cu}_2\text{MO}_{10}$ " with Pulling, D. Goldschmidt and Dow; "Size Effect on $\text{Ln}_{2-z}\text{Ce}_z\text{CuO}_4$ Superconductivity" with M. Lehmann, Dow and Pulling; "Simple Proof from the Data that Whatever Part of the Crystal Structure Superconducts in $\text{Nd}_{2-z}\text{Ce}_z\text{CuO}_4$ is Different from the Superconducting Part of $\text{Nd}_{2-z}\text{Ce}_z\text{Sr}_2\text{Cu}_2\text{MO}_{10}$," "Replacement for (Superconducting) $\text{PrBa}_2\text{Cu}_3\text{O}_7$ that is Supposed to Insulate" and "Are all High-temperature Superconductors p-type?" with Dow; "Wavelength Dependence of Infrared Quenched Persistent Photoconductivity in Y123" with D. Bubb, J.F. Federici, T. Tyson, W. Savin and W. Wilber; and "The Effect of Infrared Radiation on Photoinduced Superconductivity and Persistent Photoconductivity in Y123" with Heilman, Federici and D. Chew.

Katharina J. Blackstead, librarian, presented "Combining Technology and Tradition: New and Old Faces of Stewardship" at the annual conference of Development Officers of Research and Academic Libraries held at the University of North Carolina in Chapel Hill, N.C., March 14.

Peter Cholak, McAndrews assistant professor of mathematics, served on the program committee and gave a talk titled "More on the Strength of Ramsey's Theorem for Pairs" at the 1997 annual meeting of the Association for Symbolic Logic at the Massachusetts Institute of Technology in Boston, Mass., March 22-25.

Lawrence S. Cunningham, chairman and professor of theology, gave two presentations to the CCFM sabbatical group on spirituality and prayer at Holy Cross College in Notre Dame, Ind., Feb. 3. He gave two informal presentations on theology and the university curriculum and the Hesburgh lecture co-sponsored by the Notre Dame Club of San Diego and the University on "The Common

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Ground Project and the Need for Dialogue" to faculty groups at the University of San Diego in San Diego, Calif., Feb. 28-March 1.

William G. Dwyer, Hank professor of mathematics, was a plenary speaker giving the talk "Duality in Homotopy Theory" at the international conference on Homotopy Theory held at Northwestern University in Evanston, Ill., April 23-27.

J. Massyngbaerde Ford, professor of theology, served as composer and mistress of ceremonies for the "Stations of the Cross Speak to Us Today" at Little Flower Church in South Bend, Ind., March 21. She presented "In Art the Prophetic Spirit Speaks to the Modern Human" to a class on feminist theology at the University of Notre Dame, Notre Dame, Ind., March 18.

James A. Glazier, assistant professor of physics, gave the invited seminar "How Cells Know Where to Go" to the Department of Physics at the Université P.M. Curie in Paris, France, March 12. He presented "First Steps Towards a Comprehensive Model of Tissues" at the NATO winter workshop on Dynamical Networks in Physics and Biology at the Centre De Physique des Houches in Les Houches, France, March 19.

Dirk Guldi, associate professional specialist in the Radiation Laboratory, presented "Ruthenium (II) C₆₀ Based Donor-bridge-acceptor Dyads and Photoinduced Electron and Energy Transfer" at IWEPNM 97 in Kirchberg, Austria, March 1-8.

Alexander J. Hahn, chairperson and professor of mathematics, gave the keynote address "Learning Calculus from the Masters: From Archimedes to Newton to its Role in the Sciences" at the section meeting of the Mathematical Association of America held at Western Kentucky University in Bowling Green, Ky., March 28-29.

Sr. Mary Catherine Hilkert, O.P., associate professor of theology, gave a workshop on "Feminism and Christian Spirituality" for the Center for Continuing Formation in Ministry in Notre Dame, Ind., Feb. 27-28. She presented "Gender Matters: Women's Experience and the Pulpit" at the Gender Studies Forum at the University of Notre Dame, Notre Dame, Ind., March 20. She gave the keynote address "Preachers in the Wilderness" for a convocation on Dominicans in the New Millennium in St. Catherine, Ky., April 5.

Encarnación Juárez, visiting assistant professor of Romance languages and literatures, presented the paper "Remiendos, roturas, retazos y trazas o la imposibilidad de medra social en *El Buscón* de Quevedo" at LA CHISPA Conference at Tulane University in New Orleans, La., Feb. 27-March 1.

Jeanne Halgren Kilde, assistant professor of American studies, chaired a session titled "Nineteenth-Century Regional and National Identities" at the Great Lakes American Studies Association Conference at Indiana University in Bloomington, Ind., March 8.

Pamela A. Krauser, associate professional specialist in the Graduate School, presented the session titled "Web Design and Development: Using Your Web Site to Publish Electronic Information" at the National Conference on Electronic Research Administration of the National Council of University Research Administrators in Atlanta, Ga., March 23.

Brian Krostenko, assistant professor of classical and Oriental languages and literatures, presented the paper "A Stone Reset: Cicero's Poetry in *De Divinatione*" at the American Philological Meeting in New York, N.Y., Dec. 29. He presented the paper "The Politics of Style, Social Thought and the Language of Ascetics in the Late Roman Republic" at the University of Michigan in Ann Arbor, Mich., March 12, at Johns Hopkins University in Baltimore, Md., March 27, and at Georgetown University in Washington, D.C., March 24.

Gary A. Lamberti, associate professor of biological sciences, presented the paper "Exploitation of Benthic Invertebrates by Ruffe: Laboratory Experiments, Field Surveys, and Predictions for the Great Lakes," co-authored with Aimee Fullerton, **David Lodge**, associate professor of biological sciences, and Martin Berg, at the international symposium on Biology and Management of Ruffe in Ann Arbor, Mich., March 21-23. Lamberti co-authored the poster "Potential Impacts of Eurasian Ruffe on Benthic Macroinvertebrates and Yellow Perch in the Great Lakes" with Fullerton and Lodge at that symposium.

Ruey-wen Liu, Freimann professor of electrical engineering, delivered the invited Frontier Forum Seminar of Brain Science on the subject of Blind Deconvolution at the Institute of Physical and Chemical Research in Waki, Japan, March 13.

Edward J. Maginn, assistant professor of chemical engineering, gave the invited lecture "Development of Advanced Molecular Simulation Tools for Examining Sorption and Diffusion in Microporous Materials" at the Dow Corporate Research Center in Midland, Mich., March 11.

Juan Migliore, professor of mathematics, gave the talk "Codimension Three Gorenstein Ideals" in the Algebra Seminar at the University of Illinois in Chicago, Ill., March 26.

Dian H. Murray, associate dean of arts and letters and professor of history, gave the presentation "South China Swindle: Ms. Cheng I Sao and the Pirates of the China

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Seas" at the South Street Seaport Museum in New York, N.Y., March 23. She presented "The Entrepreneurship of Pirates and Secret Society Members on the Chinese Water World: A Historical Perspective" at Academia Sinica in Taipei, Taiwan, Jan. 23.

Walter Nugent, Tackes professor of history, spoke at the Chicago Historical Society's Urban History Seminar on "The Significance of Cities in Western History" in Chicago, Ill., March 20.

Samuel Paolucci, associate professor of aerospace and mechanical engineering, gave an invited presentation titled "Wavelets in CFD" at the NSF Workshop in High Performance Computing held in Las Vegas, Nev., March 27-28.

Peter E. Schiffer, assistant professor of physics, gave the Physics Department colloquium titled "Recent Experimental Results in Geometrically Frustrated Magnets" at the University of Illinois in Chicago, Ill., Jan. 29. He gave an invited talk titled "Common Features in Geometrically Frustrated Magnets and Interaction-Induced Spin Coplanarity in $\text{SrCr}_9\text{pGa}_{12-9\text{p}}\text{O}_{19}$ " and a contributed talk titled "Effects of Controlled Wetting on the Repose Angle in Granular Media" at the American Physical Society Meeting in Kansas City, Mo., March 18-21.

Patrick J. Schiltz, associate professor of law, presented two seminars on litigation against religious organizations at a meeting of the Regional Executive Ministers Council of the American Baptist Churches USA in Tucson, Ariz., March 25-26.

Raimo Väyrynen, professor of government and international studies and Regan director of the Kroc Institute, delivered a paper on "The Enlargement of NATO: The Struggle for Relevance in the Post-Cold War World" at the 38th annual convention of the International Studies Association in Toronto, Canada, March 18-22.

Barbara Walvoord, director of the Kaneb Center and concurrent professor of English, led faculty workshops on teaching at Sam Houston State University in Huntsville, Tex., March 10, and at Eastern Michigan University in Ypsilanti, Mich., March 11. She co-led a workshop session of the National Network of Writing Across the Curriculum Programs at the national annual conference on College Composition and Communication in Phoenix, Ariz., March 13. Walvoord, **Kevin Barry**, educational technology consultant, and **Kern Trembath**, associate professional specialist and assistant chair in theology, gave the presentation "The Field of Dreams: How Faculty Develop in Using Technology" at the national annual conference of the American Association for Higher Education in Washington, D.C., March 17.

Kwang-tzu Yang, Hank professor of aerospace and mechanical engineering, gave invited seminars on "Prediction of Single-Row Fin-Tube Heat Exchanger Performance Using an Artificial Neural Network" at the University of Auckland in Auckland, New Zealand, Feb. 26, and at the National University of Singapore in Singapore, March 7. He gave the invited seminar "The Wonders and Simulations of Whirling Fires" at the University of New South Wales in Sydney, Australia, Feb. 28. He presented the paper "Simulations of Swirling Fires Controlled by Channel Self-Generated Entrainment Flows" with co-author K. Satoh at the fifth international symposium on Fire Safety Science in Melbourne, Australia, March 3-7. He served as principal organizer and delegate from the United States at a Pacific-Rim Workshop on Thermal Sciences and Energy Engineering in Hong Kong, March 9-12.

ADMINISTRATORS' NOTES

Activities

Lori Maurer, assistant director of residence life, and Jeff Landry, assistant director of residence life, presented a program titled "Student Athletes and the Disciplinary Process" at the annual national conference of the Association for Student Judicial Affairs in Clearwater, Fla., Feb. 6-10.

Publications

Alan S. Bigger, director of building services, and Linda B. Bigger, assistant director of purchasing, wrote "A Nose for Profits" published in the March/April 1997 issue of *Contracting Profits*. Alan Bigger wrote a review of *Ironing It Out: Seven Simple Steps to Resolving Conflict* by Charles P. Lickson, Crisp Publications, Inc., 1996, published in the March/April 1997 issue of *Facilities Manager*.

University Committee on Women Faculty and Students February 26, 1997

Members Present: Kathleen Biddick, Joan Brennecke, Sarah Dakin, Melanie DeFord, Diana DiBerardino, Barbara Fick, Kelly McMahon, Carol Mooney, Michael Morris, Margaret Porter, Elaine Tracy

Members Absent: Ani Aprahamian, Dolores Frese, Gretchen Reydams-Schils, Gina Rucavado

Others in Attendance: Katherine Hazard

The meeting was called to order by Barbara Fick at 8 a.m. Michael Morris volunteered to take minutes for the meeting. Barbara Fick introduced and welcomed Elaine Tracy, a professional specialist representative, and Kelly McMahon, an undergraduate student representative, to the committee. Barbara Fick also welcomed Katherine Hazard, volunteer director of the Women's Resource Center at Notre Dame, to the meeting. The minutes of the October 16, 1996, and November 8, 1996, meetings were approved.

Coresidentiality. The committee discussed a student government proposal for a coresidential housing option at Notre Dame. Carol Mooney indicated the proposal was rejected by the Student Affairs Committee of the Board of Trustees. A response to the student body president from Patricia O'Hara, vice president for student affairs, was distributed to the committee. The committee considered the resistance to and the benefits from coresidentiality, and expressed belief in the improvement in gender relations that would result from its implementation. The committee agreed to search for research on the arguments for and against coresidentiality and to contact seven universities for assessment results from recent implementation of coresidentiality. Kathleen Biddick agreed to draft a letter to request Faculty Senate consideration of the issue and to seek a survey of faculty opinions.

Classroom Atmosphere. Joan Brennecke reported on discussions with Barbara Walvoord, director of the Kaneb Teaching and Learning Center at Notre Dame, regarding the classroom atmosphere differences experienced by male and female faculty members. Joan Brennecke indicated that the Kaneb Teaching and Learning Center is planning a seminar next year, where faculty and a keynote speaker will address the topic of classroom atmosphere. The discussions with Barbara Walvoord revealed that research at the national level finds no significant differences in Teacher Course Evaluations by gender of faculty member. Carol Mooney indicated that one study by

the Department of Government and International Studies at Notre Dame may have indicated differences in TCEs by faculty gender, and that she will be receiving a copy of the results in the near future. Kelly McMahon and Katherine Hazard suggested that learning outside the classroom is inhibited by lack of study space for mixed gender study groups during parietal hours. Joan Brennecke agreed to investigate avenues for changing the Teacher Course Evaluation form to collect data for future study of gender differences at Notre Dame and indicated that she, Kathleen Biddick and Dolores Frese will continue investigating this issue.

Graduate Student Survey. Sarah Dakin discussed the results of a survey of graduate students that was conducted in the spring of 1995. She highlighted gender differences associated with the tenure status and sex of faculty advisors of graduate students in some colleges. She also noted significant gender differences in articles submitted to journals, communication with advisors, allocation of office space, and the magnitude of travel funds and financial stipends. The committee decided to share the results with the Graduate Council and the Graduate Committee of the Academic Council.

Women's Resource Center. Katherine Hazard, volunteer director of the Women's Resource Center at Notre Dame, described the history and functions of the center. She indicated the center was established in the fall of 1993, that the current operating budget is \$1,500 per year, and that it has the status of a student club with space provided in the Student Union. It is currently operated by 30 volunteers and two paid positions (students) that work a total of 12 hours per week. The center functions to provide direct assistance to women and to organize outside speakers. Katherine Hazard provided a copy of a report from May 1994, which was submitted to the Board of Trustees. The report indicated the weakness of the current center relative to facilities at other peer institutions. Katherine Hazard suggested a need for a paid director and noted that consistency is a real issue when the center is staffed by students who turnover quite often. Questions were raised about the status as a student club, when other organizations, including Multicultural Student Affairs, are permanent University centers. Kathleen Biddick indicated that an April 5 seminar in the Gender Studies Program will address the Women's Resource Center. The committee agreed to put this issue on the agenda for the April meeting after additional information is obtained from the upcoming seminar.

Sexual Harassment Appeals Process. Carol Mooney indicated that the starting point for a discussion of improving the handling/reporting of sexual harassment cases should be the response from General Counsel regarding

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suggested changes. Their response has been delayed by an unusually heavy workload recently. The committee agreed to place this on the agenda for the April meeting.

The committee agreed to hold the next meeting on Wednesday, March 19, from 8 to 10 a.m. The meeting was adjourned at 10 a.m.

Respectfully submitted,

Michael H. Morris

THE GRADUATE SCHOOL OFFICE OF RESEARCH

Current Publications and Other Scholarly Works

COLLEGE OF ARTS AND LETTERS

Anthropology

DaMatta, Roberto

R. DaMatta. 1997. Brasil: Uma Profecia. In *O Livro da Profecia: O Brasil no Terceiro Milênio. Coleção Senado*, vol. 1, 743-750, Brasília, D.F.: Senado Federal.

Moore, Kenneth E.

K.E. Moore. 1996. The Transformation of the American City. In *Pochwała Historii Powszechnej*, eds. Z. Kwiecen, K. Michalek, L. Mularska-Andziak and H. Parafianowicz, 343-352. Warsaw, Poland: Institut Historyczny Uniwersytetu Warszawskiego.

Art, Art History and Design

Rosenberg, Charles M.

C.M. Rosenberg. 1996. Bible of Borso d'Este. In *The Dictionary of Art*, vol. 4, ed. J. Turner, 19-20. New York: Grove's Dictionaries.

C.M. Rosenberg. 1996. Franco dei Russi. In *The Dictionary of Art*, vol. 11, ed. J. Turner, 722. New York: Grove's Dictionaries.

C.M. Rosenberg. 1996. Frate Nebidio da Cremona. In *The Dictionary of Art*, vol. 22, ed. J. Turner, 716. New York: Grove's Dictionaries.

C.M. Rosenberg. 1996. Matteo da Milano. In *The Dictionary of Art*, vol. 20, ed. J. Turner, 844. New York: Grove's Dictionaries.

C.M. Rosenberg. 1996. Taddeo Crivelli. In *The Dictionary of Art*, vol. 8, ed. J. Turner, 19-20. New York: Grove's Dictionaries.

Government and International Studies

Dallmayr, Fred R.

F.R. Dallmayr. 1997. The Politics of Nonidentity: Adorno, Postmodernism — and Edward Said. *Political Theory* 25:33-56.

F.R. Dallmayr. 1996. Heidegger, Bhakti, and Vedanta: A Tribute to J.L. Mehta. *Journal of Indian Council for Philosophical Research* 13:117-144.

F.R. Dallmayr. 1996. Return to the Source: African Identity (after Cabral). *Theoria* 88:1-23.

Johansen, Robert C.

R.C. Johansen. 1997. Radical Islam and Nonviolence: A Case Study of Religious Empowerment and Constraint Among Pashtuns. *Journal of Peace Research* 34 (1): 53-71.

History

Murray, Dian

D. Murray. 1996. Chinese Pirates. In *Pirates: Terror on the High Seas from the Caribbean to the South China Sea*, ed. D. Cordingley, 212-235. Atlanta: Turner Publishing.

Romance Languages and Literatures

Juárez, Encarnación

E. Juárez. 1997. Alonso de Contreras: política del vestido y construcción del sujeto autobiográfico en el barroco. *Bulletin of Hispanic Studies* 74 (April): 179-195.

Theology

Cunningham, Lawrence S.

L.S. Cunningham, ed. 1997. *In Search of Solitude: The Journals of Thomas Merton, 1951-1960*, paperback edition. San Francisco: Harper/Collins. 406 pp.

L.S. Cunningham. 1997. Religion Booknotes. *Commonweal* 134 (Jan. 17): 26-29.

L.S. Cunningham. 1996. Religion Booknotes. *Commonweal* 133 (Nov. 20): 28-30.

L.S. Cunningham. 1996. *Salus Ex Libris: Reflections on Augustine's Confessions*. In *Biblical and Humane: Festschrift for John F. Priest*, 225-234. Atlanta: Scholar's Press.

Ford, J. Massynbaerde

J.M. Ford. 1996. The Crucifixion of Women in Antiquity. *Journal of Higher Criticism* 3 (Feb.): 291-309.

Porter, Jean

J. Porter. 1997. Virtue Ethics and its Significance for Spirituality. *The Way Supplement* 88:26-35.

Medieval Institute

Gabriel, Astrik L.

A.L. Gabriel. 1997. Review of *Sapientie Immarcessibilis. A Diplomatic and Comparative Study of the Bull of Foundation of the University of Louvain*, by E. Van Mingroot. *The Catholic Historical Review* 83 (1): 91-93.

COLLEGE OF SCIENCE

Chemistry and Biochemistry

Castellino, Francis J.

D.K. Grella and F.J. Castellino. 1997. Activation of Human Plasminogen by Staphylokinase. Direct Evidence that Performed Plasmin is Necessary for Activation to Occur. *Blood* 89 (5): 1585-1589.

THE GRADUATE SCHOOL OFFICE OF RESEARCH

Nowak, Thomas

- J.J. Hlavaty and T. Nowak. 1997. Formation and Characterization of an Active Phosphoenolpyruvate Carboxykinase-Cobalt(III) Complex. *Biochemistry* 35 (11): 3389-3403.

Sevov, Slavi C.

- E. Todorov and S.C. Sevov. 1997. Synthesis, Characterization, Electronic Structure, and Bonding of Heteroatomic Deltahedral Clusters: $\text{Na}_{49}\text{Cd}_{58.5}\text{Sn}_{37.5}$, a Network Structure Containing the First Empty Icosahedron without a Group 13 Element and the Largest *closo*-Deltahedron. *Journal of the American Chemical Society* 119:2869-2876.

Thomas, J. Kerry

- X. Liu, G. Zhang and J.K. Thomas. 1997. Spectroscopic Studies of Electron and Hole Trapping in Zeolites: Formation of Hydrated Electrons and Hydroxyl Radicals. *Journal of Physical Chemistry B* 101:2182-2194.
- X. Liu and J.K. Thomas. 1996. Synthesis of Microporous Titanosilicates ETS-10 and ETS-4 Using Solid TiO_2 as the Source of Titanium. *Chemical Communication* 1435-1436.

Physics

Aprahamian, Ani

- T.D. Johnson, A. Aprahamian, C.J. Lister, D.J. Blumenthal, B. Crowell, P. Chowdhury, P. Fallon and A.O. Machiavelli. 1997. New High Spin States and Band Termination in ^{83}Y and ^{84}Zr . *Physical Review C* 55 (3): 1108-1118.

Bishop, James M.

- R.R. Crittendon, et al. (Notre Dame: J.M. Bishop, N.M. Cason, J.M. LoSecco and W.D. Shephard). 1997. A 3000 Element Lead Glass Electromagnetic Calorimeter. *Nuclear Instruments and Methods A* 387:377-394.

- Z. Bar-Yam, et al. (Notre Dame: J.M. Bishop, N.M. Cason, J.M. LoSecco and W.D. Shephard). 1997. A Cylindrical Drift Chamber with Azimuthal and Axial Position Readout. *Nuclear Instruments and Methods A* 386:235-248.

Blackstead, Howard A.

- H.A. Blackstead and J.D. Dow. 1996. Absence of Exchange Scattering by Cuprate Plane Impurities in High Temperature Superconductors. In *Proceedings, Tenth Anniversary HTS Workshop on Physics, Materials and Applications*, eds. B. Battlog, C.W. Chu, W.K. Chu, D.U. Gupser and K.A. Muller, 485-486. Singapore: World Scientific.

Cason, Neal M.

- See under Bishop, James M. 1997. *Nuclear Instruments and Methods A* 387:377-394.
- See under Bishop, James M. 1997. *Nuclear Instruments and Methods A* 386:235-248.

LoSecco, John M.

- See under Bishop, James M. 1997. *Nuclear Instruments and Methods A* 387:377-394.

- See under Bishop, James M. 1997. *Nuclear Instruments and Methods A* 386:235-248.

Shephard, William D.

- See under Bishop, James M. 1997. *Nuclear Instruments and Methods A* 387:377-394.

- See under Bishop, James M. 1997. *Nuclear Instruments and Methods A* 386:235-248.

COLLEGE OF ENGINEERING

Electrical Engineering

Bernstein, Gary H.

- R.E. Bartolo, N. Giordano, X. Huang and G.H. Bernstein. 1997. h/e Aharonov-Bohm Photovoltaic Oscillations in Mesoscopic Au Rings. *Physical Review B* 55:2384.

- See under Snider, Gregory L. 1997. *IEEE Electrical Development Letters* 18 (4): 135-137.

Snider, Gregory L.

- R. Frankovic, G.L. Snider and G.H. Bernstein. 1997. A Novel Micromachining Technique for the Formation of Extrusions. *IEEE Electrical Development Letters* 18 (4): 135-137.

Kroc Institute for International Peace Studies

Väyrynen, Raimo

- R. Väyrynen. 1997. Introduction: How Much Force in Humanitarian Intervention. In *The Ethics and Politics of Humanitarian Intervention*, by S. Hoffman, et al., 1-11. Notre Dame: University of Notre Dame Press.

- R. Väyrynen. 1997. *Stability and Turmoil as Contexts of Conflict Resolution*. Notre Dame: Joan B. Kroc Institute for International Peace Studies. 28 pp.

Radiation Laboratory

Asmus, Klaus-Dieter

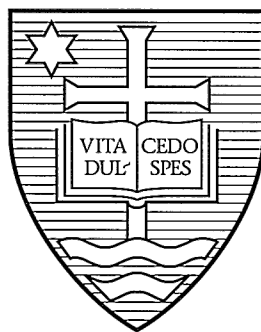
- See under Guldi, D.M. 1997. *Journal of Physical Chemistry A* 101 (10): 1783-1786.

Ferraudi, Guillermo J.

- M.W. Perkovic and G. Ferraudi. 1997. Determination of Time-resolved MCD Spectra: Electronic Transitions in the Spectrum of the $^3\text{E}_g$ Excited State in Al(III) Trisulfonatephthalocyanine. *Inorganica Chimica Acta* 254:1-4.

Guldi, Dirk M.

- D.M. Guldi, H. Hungerbuehler and K-D. Asmus. 1997. Radiolytic Reduction of a Water-soluble Fullerene Cluster. *Journal of Physical Chemistry A* 101 (10): 1783-1786.



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Linda M. Diltz, Editor
Marten Schalm, Designer
Erin Gallavan, Publication Assistant
Gerard Jacobitz, Indexer
Publications and Graphic Services
415 Main Building
Notre Dame, IN 46556
(219) 631-5337
e-mail: Diltz.1@nd.edu

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