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The Faculty Notebook, March 2000

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Abstract

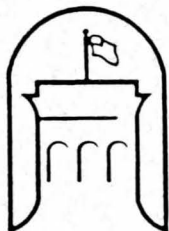
The Faculty Notebook is published periodically by the Office of the Provost at Gettysburg College to bring to the attention of the campus community accomplishments and activities of academic interest. Faculty are encouraged to submit materials for consideration for publication to the Associate Provost for Faculty Development. Copies of this publication are available at the Office of the Provost.

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Disciplines

Library and Information Science | Scholarly Publishing



THE FACULTY NOTEBOOK

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PUBLICATIONS

Michael J. Birkner, Professor of History, has had excerpts from his keynote address to the New Hampshire Council of Social Studies annual conference held in Manchester, New Hampshire (November 18, 1999), published under the title, "The New Hampshire Presidential Primary" in **Horizons** 20.1 (2000): 3-13.

Philip Bobko, Professor of Management, has had published, recently, two articles: "Derivation and Implications of a Meta-Analytic Matrix Incorporating Cognitive Ability, Alternative Predictors, and Job Performance," in *Personnel Psychology* 52 (1999): 561-89; and "The Importance of Justice Perceptions on Pay Effectiveness: A Two-Year Study of a Skill-Based Pay Plan," in *Journal of Management* 25.6 (1999): 851-73.

Bret E. Crawford and Sharon L. Stephenson, Assistant Professors of Physics, published several papers in *Physical Review C*. They all concern parity-violation studies done at the Los Alamos National Laboratory (LANL) using polarized neutrons incident on heavy nuclear targets. "Our collaboration includes physicists from the Triangle Universities Nuclear Laboratory (TUNL) at Duke, North Carolina State University, LANL, as well as scientists from Russia, Japan, Canada, and the Netherlands. These papers are part of an effort to map the strength of the weak nuclear force as a function of nuclear mass. By measuring an effect called parity violation, we are able to determine the average strength of the weak nuclear force in each of the nuclear targets studied. The last paper, in which Gettysburg student, **Julia Lynch**, is an author, involved reanalyzing our data at higher neutron energies in an effort to understand a surprising effect seen in this particular nucleus."

"Parity Violation in Neutron Resonances of ^{103}Rh ," D. A. Smith, J. D. Bowman, B. E. Crawford, C. A. Grossmann, T. Haseyama, A. Msaikhe, Y. Matsuda, G. E. Mitchell, S. I. Penttilä, N. R. Roberson, S. J. Seestrom, E. I. Sharapov, S. L. Stephenson and V. W. Yuan, *Physical Review C*, 60 (1999): 045503/1-7.

"Neutron Resonance Spectroscopy of ^{103}Rh from 30 eV to 2 keV," D. A. Smith, et al., *Physical Review C*, 60 (1999): 045502/1-11.

"Parity Nonconservation in ^{106}Pd and ^{108}Pd Neutron Resonances," B. E. Crawford, J. D. Bowman, P. P. J. Delheij, T. Haseyama, J. N. Knudson, L. Y. Lowie, A. Msaikhe, Y. Matsuda, G. E. Mitchell, S. Penttilä, H. Postma, N. R. Roberson, S. J. Seestrom, E. I. Sharapov, S. L. Stephenson, and V. W. Yuan, *Physical Review C*, 60 (1999): 055503/1-8.

"Parity violation in ^{232}Th neutron resonances above 250 eV," in *Physical Review C*, Volume 61 (2000) 025502/1-7.

"Parity Violation in ^{232}Th Neutron Resonances above 250 eV," E. I. Sharapov, J. D. Bowman, B. E. Crawford, P. P. J. Delheij, C. M. Frankle, M. Inuma, J. N. Knudson, L. Y. Lowie, J. E. Lynch, A. Masaike, Y. Matsuda, G. E. Mitchell, S. Penttilä, H. Postma, N. R. Roberson, S. J. Seestrom, S. L. Stephenson, Y.-F. Yen and V. W. Yuan, *Physical Review C*, 61 (2000) 025501/1-7.

Christopher R. Fee, Assistant Professor of English, has had an article, "Trial by Ordeal and the Nature of the Soul: Influences of Popular Justice in the Middle English Romance of Athelston," published in *The Growth of Authority in the Medieval West* (Ed. M. Gosman, et al., Groningen, The Netherlands: Egbert Forsten, 1999, 27-37. Vol. 25 of *Mediaevalia Groningana*, A. MacDonald, gen. ed.)

Robert R. Garnett, Associate Professor of English, published in the December 1999 number of *Dickens Quarterly*, a review of Jane M. Ford's *Patriarchy and Incest from Shakespeare to Joyce* (Gainesville: UP of Florida, 1999). The review argues that *Patriarchy and Incest's* principal subject, father-daughter ties in the works of writers like Shakespeare and Dickens, is a very promising one, but that the book's argument is slightly marred by untenable premises, bizarre inferences, and dozens of misreadings and factual errors.

Stefka M. Koeva, Associate Professor of Economics and Fulbright Scholar-in-Residence, has published a book in Bulgarian, entitled *Икономическата ирационалност на социализма: приносът на австрийската школа* (The Economic Irrationality of Socialism: The Contribution of the Austrian School) (Varna: Centre for Analyses and Forecasts, 1999). The book is a study of one of the greatest theoretical debates of the twentieth century on the idea of a deliberate reconstruction of society on rational lines and the feasibility of rational calculation under socialism (the so called Socialist Calculation Debate). Also, her article, "Фр. А. фон Хайек и дискусията относно икономическата ирационалност на социализма" ("Fr. A. von Hayek and the Discussion about the Economic Irrationality of Socialism"), appeared in *Икономическа мисъл* (Economic Thought) number 3 (1999): 35-51, published by the Bulgarian Academy of Sciences.

Daniel D. McCall, Assistant Professor of Psychology, published "Infants' means/end search in the absence of visual feedback" in the December issue of *Infant Behavior and Development* 22 (1999): 179-95. The paper, co-authored by Rachel K. Clifton of the University of Massachusetts, investigates the development of planning and problem-solving abilities in 8-month-old infants. Another article, "The role of perceived spatial separation in the unmasking of speech" was published in the December issue of the *Journal of the Acoustical Society of America* 106 (1999): 3578-88. This paper, whose co-authors are R. L. Freyman, K.S. Helfer, and R.K. Clifton, reports one mechanism by which we attend to speakers in noisy environments.

Terrence P. McGlynn, Assistant Professor of Biology, published in December an article in *The American Naturalist* entitled "Non-native ants are smaller than related native ants" 154 (1999): 690-99. In this paper, he presented the first case of a single measurable characteristic that is useful in differentiating native from non-native species. Also in December, he published a correspondence item, "Other ant invaders," on the behavior of invasive species, in *Trends in Ecology and Evolution* 14 (1999): 489.

Laurence A. Marschall, Professor of Physics, and Akbar Rizvi, co-authored, along with several others, "The Type Ia Supernova 1998bu in M96 and the Hubble Constant" in *The Astrophysical Journal Supplement Series* 125 (1999): 73-97. **Rizvi** was an undergraduate in the Department of Physics at the time the research was conducted and has since graduated.

Larry Marschall also published, in the March/April 2000 issue of *The Sciences* (46-7), reviews of three books: *Nabokov's Blues*, by Kurt Johnson and Steve Coates (Cambridge, MA: Zoland Books, 1999); *Strange Beauty*, by George Johnson (New York: Alfred A. Knopf, 1999); and *Flu* by Gina Kolata (New York: Farrar, Straus and Giroux, 1999).

James P. Myers, Professor of English, edited *Writing Irish: Selected Interviews with Irish Writers from the Irish Literary Supplement* (Syracuse, NY: Syracuse University Press, 1999). The collection consists of interviews by Jacqueline Stahl Aronson, Kevin Barry, Jennifer Clarke, Michael J. Durkan, Rudinger Imhof, Eileen Kennedy, Kathleen McCracken, and Richard Pine, among others. Among the Irish writers interviewed for this volume are: John McGahern, Jennifer Johnston, John Montague, William Trevor, Paul Muldoon, Nuala Ní Dhomhnaill, Medbh McGuckian, and Eiléan Ní Chuilleanáin.

Janet M. Powers, Associate Professor of Interdepartmental and Women's Studies, has recently published three poems in the Winter issue of journal *Bibliophilos* 3.1 (1999): 27-31. "Memorial Day 1999" deals with a walk on the Gettysburg Battlefield during the bombing of Serbia, and "Call Me Charybdis" and "Ariadne's Song" grow out of classical Greek myth. Professor Powers also won first prize in the English division of the Eisteddfod-by-Mail sponsored by the Welsh-American monthly *Y Drych* (The Mirror) (September 99) for a poem on the set topic of the Millennium. Her poem is entitled "At Eon's Brink."

Kathryn Rhett, Assistant Professor of English, published a review of Kathryn Davis's new novel *The Walking Tour* in *The Chicago Tribune* (November 21, 1999).

Timothy J. Shannon, Assistant Professor of History, just published *Indians and Colonists at the Crossroads of Empire: The Albany Congress of 1754* (Ithaca, NY: Cornell University Press, 2000). The book uses a famous Anglo-Iroquois treaty conference to examine the crisis in Britain's imperial rule over its North American colonies on the eve of the Seven Years War.

John A. Smith, Assistant Professor of Health and Exercise Sciences, served as a medical writer and co-author for two online publications on Medscape.com in the Rheumatology specialty. The articles were an overview of two symposia presented at the 1999 American College of Rheumatology meeting that he attended last November in Boston, MA. The articles summarize the key points of the symposia and they also serve as treatment updates for physician continuing medical education (CMU). The first, entitled "Issues in Osteoarthritis Care: Concepts and Controversies," focused on a debate as to whether osteoarthritis is primarily an inflammatory or pain syndrome (<http://www.medscape.com/Medscape/Rheumatology/Treatment>). The second article "Changing the Management of Rheumatoid Arthritis in Clinical Practice: New Data, New Options," the principal author of which was E. William St. Clair, MD, from Duke University Medical Center, focused on new advances in the treatment of rheumatoid arthritis (<http://www.medscape.com/Medscape/Rheumatology/Treatment>).

John Smith also co-authored, along with David Pyne, Richard Telford, Mark Baker, and Maurie Weidemann, the paper "Neutrophil microbicidal activity is differentially affected by exercise intensity," published in the January issue of the *Journal of Science and Medicine in Sport* 3.1 (2000): 44-54. The article showed that neutrophils (which protect the body against bacteria and participate in the inflammatory response) react differently to exercise of different types.

Donald G. Tannenbaum, Associate Professor of Political Science, published an article on "Milovan Djilas" in *The Biographical Encyclopedia of World Leaders* (Tarrytown, NY: Marshall Cavendish, 2000), together with a note on "Liberal Socialism."

PROFESSIONAL PAPERS AND PRESENTATIONS

Martha E. Arterberry, Associate Professor of Psychology, presented a paper, co-authored with Marc H. Bornstein of the National Institute of Child Health and Human Development, entitled "Infants' Categorization of Static and Kinetic Stimuli," at the annual meetings of the Psychonomics Society (November 17-21, 1999) in Los Angeles, California.

Ann Harper Fender, Professor of Economics, gave a paper at the Conference On Time: History, Science, and Commemoration, in September 1999. The conference, cosponsored by the Royal British Historical Society and the Society for the History of Science, was held at The Merseyside Maritime Museum in Liverpool, England. Her paper was titled, "From Steeple to Pocket: The Economic Causes and Consequences of Time Measuring Devices in Great Britain, 1700-1850." In November 1999, she presented a paper at the Biennial Conference of the Association of Canadian Studies in the US, held in Pittsburgh, Pennsylvania, entitled "Competition, Predation, and Trade: The 1805-1821 Ile-a-la-Crosse Fur Trade Journals as Sources of Economic and Business History Information," which focused on the early nineteenth-century Canadian fur trade.

Katherine A. Furlong, Reference/Instruction Librarian, presented the poster session "What's In It For Me? A Student's Look at Technology-Enhanced Teaching in the College Library" at EDUCAUSE '99 in Long Beach, California (October 1999). Working in conjunction with a librarian from Penn State-Berks, she presented in the poster session the results of student-centered and student-led instruction in electronic classrooms.

Timothy N. Good, Associate Professor of Physics, read a paper at the American Physical Society-Division of Plasma Physics meeting in Seattle, Washington (November 15-19, 1999), entitled "Laboratory Study of the Influence of Parallel Velocity Shear on Antenna-Launched Ion Acoustic Waves." The paper, co-authored by M.W. Zintl, M.E. Koepke, E. M. Johnson, and D. Strele, reports on the results of laboratory experiments on the West Virginia University Q-machine "designed to produce and quantify shear in the ion parallel velocity." The work was supported by the NSF.

Fred G. Leebron, Assistant Professor of English, presented a paper, "Fact and Fiction: How Research Affects the Construction of a Novel," at the MLA conference in Chicago, (December 1999). He was also co-chair of the session.

Terry McGlynn presented, in December 1999, a paper to the Entomological Society of America in Atlanta, entitled "How to fight: Lanchester's laws mediate interspecific competition in a Neotropical ant community." In this paper, he demonstrated that mathematical models originally designed to describe World War I airplane combat can be successfully applied to understanding how separate ant species compete for food.

Kathryn Rhett co-chaired a panel with **Fred Leebron** at the MLA convention held in Chicago in December 1999, called "Crossover Hits: The Coincidence of Scholarly and Creative Work," at which she delivered a paper, "The Fact of a First Person: The Intersection of Research and Self."

John Smith presented a paper entitled "Blood Viscosity and Hemolysis Increase During Marathons" at the 1999 Mid-Atlantic Regional Chapter of the American College of Sports Medicine in Ithaca, NY. The paper showed that marathon running is associated with substantial red blood cell destruction and dehydration that may impair blood flow during the race.

Carolyn S. Snively, Associate Professor of Classics, read a paper entitled "Archaeological Investigations at Konjuh, 1998," at the annual meeting of the Archaeological Institute of America in Dallas, Texas, on December 28, 1999. The presentation included an account of the work carried out at Konjuh in summer 1998, funded by Gettysburg College and the Ministry of Culture of the Republic of Macedonia, as well as a preview of objectives for future fieldwork.

Amelia M. Trevelyan, Associate Professor of Visual Arts, chaired a panel on "Gender Relations and Identity Among the Ancient Maya" at the First International CISS/ISA (International Studies Association) Conference in Paris in August. She also read a paper, "Gendered Art and Its Political Implications Among the Ancient Maya," at the session.

Janelle L. Wertzberger, Reference/Instruction Librarian, spoke at the Mid-Atlantic Association of Liberal Arts Chemistry Teachers (MAALACT) annual meeting at Lebanon Valley College (September 17, 1999). She participated in a panel presentation entitled "The Chemistry Library: New Strategies for Old Problems."

PROFESSIONAL DISTINCTIONS

Terry McGlynn received the George C. Eickwort Award, presented to the student with (in their words), "the most distinguished record of research and scholarly activity in the area of social insect biology," at a conference in Atlanta. The award is given annually by the North American Chapter of the International Union for the Study of Social Insects to researchers within twelve months of receiving their Ph.D.

Thane S. Pittman, Professor of Psychology, has been invited to serve as a panel member for the National Institute of Mental Health. He has served fairly regularly on what used to be called the Social and Group Processes panel (1989-1998). NIMH recently reorganized its review panels, and now he is a member of the Risk Prevention and Health Behavior-4 panel. The members meet three times a year to review grant applications for regular research grants, graduate fellowships, training program grants, and career awards in social psychology, anthropology, sociology, and health.

Amelia Trevelyan was honored in November at the opening of the Eiteljorg Museum Contemporary Masters Exhibition as an essayist in the exhibition's catalogue, *Contemporary Masters: the Eiteljorg Fellowship for Native American Fine Art, Vol. 1* (Phoenix, AZ: Media Concepts Group, 1999). She is also Executive Director of a travelling exhibition, "Re-scripting the Story: the Art of Mary Beth Edelson 1970-2000," a major retrospective of the works of this internationally known feminist artist who was on the Gettysburg College campus for several days as a Visiting Artist three years ago. In November the exhibition received a substantial grant from the Richard Florsheim Art Fund, in support of the exhibition and its catalogue.

CREATIVE ACTIVITIES, ACCOMPLISHMENTS, AND PERFORMANCES

John William Jones, Associate Professor of Music, had a premiere of his *Cedar Cliff Celebration Overture*, composed on commission during the summer of 1999, at the Cedar Cliff High School's Auditorium in Camp Hill, Pennsylvania, on November 14, 1999. Professor Jones describes the composition as "celebratory music . . . meant to personify the characteristics of joy, hope, and renewal as well as reflection of events past."

PROFESSIONAL ACTIVITIES

Ann Fender attended the Economic History Association Meetings in September 1999, where, as outgoing chair of the Association's Education Committee, she announced the recipient of the 1999 Jonathan Hughes Award for Excellence in Teaching Economic History.

Sharon Davis Gratto, Associate Professor of Music, moderated a Research Symposium ("Research in Arts Education") in which Dr. James Catterall, Professor of Urban Schooling, Curriculum, Teaching, Leadership, and Policy Studies, Los Angeles Graduate School of Education and Information Studies, made a presentation on the progress of the Imagination Project and the value of arts studies to disadvantaged youths.

Janelle Wertzberger attended the Immersion '99 program of the Institute for Information Literacy (July 23-28, 1999). The Institute was created by the Association of College & Research Libraries to help teaching librarians explore information literacy, its possibilities, and its applications. The Immersion program is a weeklong, intensive workshop. Eighty librarians from around the world participated, and attendance was competitive. A Research & Professional Development grant from the College funded her attendance at this event.



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