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The Faculty Notebook, September 2002

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Abstract

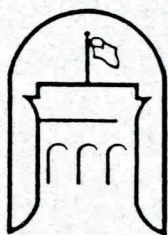
The Faculty Notebook is published periodically by the Office of the Provost at Gettysburg College to bring to the attention of the campus community accomplishments and activities of academic interest. Faculty are encouraged to submit materials for consideration for publication to the Associate Provost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

Temma F. Berg, Professor of English, published an article entitled "Charlotte Lennox and Lydia Clerke: Reflecting on Letters." It appeared in Volume II of Linda V. Troost (ed.) *Eighteenth Century Women: Studies in Their Lives, Work and Culture* (AMS Press, 2002). Her review of Eve Tavor Bannet's *The Domestic Revolution: Enlightenment Feminisms and the Novel* appeared in Vol. 16:2 of the *East-Central Intelligencer* (May 2002).

Robert F. Bornstein, Professor of Psychology, published two journal articles this past summer. "Peer review in neuropsychology: Can we increase effectiveness without sacrificing rigor?" appeared in *Cortex*, Vol. 38 (2002): 403-405, and "The impending death of psychoanalysis: From destructive obfuscation to constructive dialogue" appeared in *Psychoanalytic Psychology*, Vol. 19 (2002): 580-590. The first article outlined a new system of manuscript review based on an adversary (legal) model rather than the traditional "objective assessment" approach. The second article was a rebuttal to several critics who responded in writing to Bornstein's 2001 article *The Impending Death of Psychoanalysis* (described in the March, 2001 *Faculty Notebook*).

Bornstein also published an article entitled "Free association" in Routledge Press's *Freud Encyclopedia: Theory, Therapy, and Culture*, edited by Edward Erwin (pages 212-214). The article summarized empirical evidence on the efficacy of free association as a method for accessing unconscious material in therapy.

Eric S. Egge, Assistant Professor of Mathematics, published an article entitled "The Generalized Terwilliger Algebra and its Finite-dimensional Modules when $d = 2$ " in the *Journal of Algebra*, Vol. 250 (2002): 178-216.

Margarita Elorriaga, Instructor of Spanish, published a product review, "Blackboard 5" in *eLearn Magazine*, <http://www.elearnmag.org/index.cfm>, April 2002.

James P. Fink and L. Carl Leinbach, Professors of Mathematics and Computer Science, jointly published "Growing Ideas with Derive: An Object-Oriented Approach to Learning Mathematics" in the *Proceedings of the Vienna International Symposium on Including Technology in Mathematics Education* (October, 2002). Professor Leinbach delivered the paper in person at the conference held this past July.

Steven J. Gimbel, Assistant Professor of Philosophy, published an article entitled, "Deep Tautologies" in *Pragmatics and Cognition*, Volume 9:2 (2002): 279-291. The article was written with Johannes Bulhof. Gimbel also published, "Avoiding the Supernaturalistic Fallacy" in *Journal of Thought*, Volume 37:3 (2002): 33-43.

Sharon Davis Gratto, Associate Professor of Music, published "Arts Education in Alternative School Formats" in the May/June 2002 issue of *Arts Education Policy Review* (Heldref Publications, Volume 103:5).

Eleanor J. Hogan, Assistant Professor of Japanese Studies, published "野上弥生子とジェイン・オースティン：影響、インターテキストチュアリアテイ、とフェミニスト理論" in Kokugakuin University's *Walpurgis Journal*, March 2002. The title of the article may be translated into English as, "Nogami Yaeko and Jane Austen: Influence, Intertextuality, and Feminist Theory."

Laurence A. Marschall, W.K.T. Sahn Professor and Chair of Physics, wrote a review of Judith Hooper's book *Of Moths and Men*. The review, entitled "Darwinism's Dark Secret" appeared in the September 2002 issue of *Discover* magazine.

Jack E. Ryan, Associate Professor of English, published two reviews in *Aethlon: The Journal of Sports Literature*, Vol.19:1 (2001): 202-205. One examines Chris Gallutia's *Addicted to Black & Gold: One Fan's Year with his Club and the World's Most Popular Sport*, published by the Writers Club Press in 2000. A pastiche of a fan's notes, the book covers one year in the life of the Columbus Crew, a Major League Soccer team. The other review analyzes director Gus Van Sant's 2000 film, *Finding Forrester*, which explores a dynamic educational experience, the relationship between an emotionally damaged mentor and a tentative protégé, a young writer who happens to be a prep school basketball star.

Stephen M. Sivi, Associate Professor of Psychology, co-authored a paper along with **John Muschamp '01** entitled "Behavioral sensitization to amphetamine follows chronic administration of the CB₁ agonist WIN 55,212 in Lewis rats." The article appeared in *Pharmacology, Biochemistry and Behavior*, Vol. 73 (2002): pp. 835-842. This study described how chronic administration of a marijuana-like drug can enhance some of the effects of amphetamine, suggesting that these two drugs of abuse act on similar brain mechanisms. This work represented John Muschamp's honor's thesis in Psychology and he was senior author on the paper.

Eileen M. Stillwaggon, Associate Professor of Economics, published "HIV/AIDS in Africa: Fertile Terrain" in *The Journal of Development Studies*, August 2002, 38(6):1-22. The article examines the biomedical effects of economic conditions in Africa that contribute to high rates of HIV transmission.

David E. Weinreich, Assistant Professor of Mathematics, published a paper "A State-Space Representation of the HOMFLY Invariant" as a chapter in *Contemporary Combinatorics* Bolyai Society Mathematical Studies 10, edited by Bela Bollobas (Springer, 2002). The paper discusses one of the tests that is used to tell if two knots are different; that is, for example, whether pulling the ends of a knot will unravel it. Coauthors of this paper were Bela Bollobas, The University of Memphis, and Luke Pebody, Oxford University.

PROFESSIONAL PAPERS AND PRESENTATIONS

Gerald "Chip" Baumgardner, Adjunct Assistant Professor of Economics, presented a paper entitled "Debunking the Myths of Online Education" at the 13th International Conference on College Teaching and Learning in Jacksonville, Florida. The paper was chosen as one of the "Selected Papers" which was published in the conference proceedings. Additionally, he received the "2002 Award for Innovative Excellence in Teaching, Learning and Technology" while at the conference.

Robert F. Bornstein, Professor of Psychology, presented a paper at the 14th annual meeting of the American Psychological Society in New Orleans on June 7. The paper – co-authored with Catherine Craver-Lemley, Nicole Thomas, and Abby Bittler – was entitled, "*Incidental mood changes alter liking ratings of merely exposed stimuli.*" The work was part of an ongoing project with Prof. Catherine Lemley of Elizabethtown College and some of her students.

Judith A. Brough, Professor and Chair, Education Department, recently co-authored "The Next Best Step," published in the August 2002 journal, *Middle Ground*, a publication of the National Middle School Association. Co-authored with Dr. Joan Maute, a teacher-leader in Naperville, IL, the article reviews research and best practice regarding the educational transition of young adolescents as they move from middle school to high school.

Véronique A. Delesalle, Associate Professor of Biology, was a co-author of "Fickle sex expression in selfing and outcrossing species of *Clarkia* (Onagraceae): inter-specific differences in ontogenic trajectories," a talk presented by Dr. Susan Mazer at the Symposium Plant Reproduction 2002 held at the Pennsylvania State University in May.

Véronique presented a talk entitled "Exploring trade-off between flower and fruit production" at the annual meetings of the Society for the Study of Evolution at the University of Illinois in June 2002 as well as a poster entitled "Comparing pollen:ovule ratios of early versus late flowers in *Clarkia* species with contrasting mating system" at the annual meetings of the Botanical Society of America at the University of Wisconsin in August 2002.

Eric S. Egge, Assistant Professor of Mathematics, gave a research presentation entitled "Restricted Permutations Related to Fibonacci Numbers and k-Generalized Fibonacci

Numbers" on January 9, 2002. The talk took place in a special session on algebraic combinatorics at the Joint Mathematics Meetings in San Diego, CA.

Eric S. Egge, Assistant Professor of Mathematics and Steven J. Gimbel, Assistant Professor of Philosophy, delivered a paper entitled "How a Math Class Can be Two Places at Once: A Proposed Mathematical/Philosophical Collaboration" at the Fifth Annual International Conference of Bridges: Mathematical Connections in Art, Music, and Science (July 29, 2002). Steve and Eric's paper describes the course they are currently team-teaching on "Philosophical Revolutions in the History of Mathematics." Other topics explored at the conference included a symphony composed from the digits of pi, mathematical poetry, visualization of four-dimensional figures in three dimensions, and interpretations of intricate geometrical patterns on two 11th century monuments in Iran.

Ann Harper Fender, Professor of Economics, gave a paper entitled "Models of Competition: The Hudson's Bay Company at Isle a la Crosse, 1805-1823" at the 2002 annual meetings of the National Business and Economics Society on Maui, Hawaii, in March, 2002. She also delivered a paper at the University of Oxford in April, 2002. That paper, "Material Life and Technological Trappings of Servants at Isle a la Crosse, 1770-1823," was part of the program of a colloquium jointly sponsored by the Centre for Rupert's Land Studies at the University of Winnipeg and the Pitt Rivers Museum at the University of Oxford.

David E. Flesner, Associate Professor and Chair of Mathematics, delivered a paper, "Hyperbolic Exploration in a Dynamic Klein Model," at the János Bolyai Conference on Hyperbolic Geometry in Budapest (July 8-12). His presentation was based on the toolbar he developed for the *Cabri Geometry* software package to implement the Klein model of hyperbolic geometry.

Peter Fong, Associate Professor of Biology, taught a two-week summer course in Marine Biology at the Oregon Institute of Marine Biology. He also participated in the Institute's weekly seminar series by giving a talk entitled, "Physiological Aspects of Zebra Mussel Reproduction."

Sharon Davis Gratto, Associate Professor of Music, presented a session on "Reconfiguring the Choral Program" about choral music at Gettysburg College at the May 2002 Allerton Retreat for Choral Music Education in Illinois, sponsored by the University of Illinois, Penn State University, the Eastman School of Music, and Lebanon Valley College. **Director of Choral Activities Robert Natter** assisted with the preparation of the paper for this session.

Barbara Schmitter Heisler, Professor of Sociology, chaired a Refereed Roundtable on "International and Comparative Immigration" at the American Sociological Association Meetings in Chicago, Illinois (August 16-19, 2002).

Eleanor J. Hogan, Assistant Professor of Japanese Studies, presented a paper, “野上弥生子とジェイン・オースティンとフェミニズム：二人はフェミニストと言えるか—「真知子」と「明暗」と「高慢と偏見」をめぐって” at Ochanomizu University's Japanese Literature Symposium, Tokyo, Japan (July 12-14, 2002.) The title may be translated as, “Nogami Yaeko, Jane Austen and Feminism: Can we label these writers as Feminists? A study of “Machiko,” “Meian,” and *Pride and Prejudice*.”

Dina Lowy, Assistant Professor of History, presented a paper, “Ellen Key and the New Women of Japan: Maternal Feminism in the Early 20th Century” at the 12th Berkshire Conference on the History of Women, Storrs, CT (June 6-9).

Kenneth F. Mott, Professor of Political Science, presented a book length manuscript entitled “The Establishment Clause, the Lemon Test, and the Open Forum Issue” at the Annual Meeting of the Midwest Political Science Association in Chicago on April 26th, 2002.

Todd W. Neller, Assistant Professor of Computer Science, presented a paper, “Iterative-Refinement for Action Timing Discretization” at the National Conference on Artificial Intelligence (AAAI'02) in Edmonton, Alberta, Canada. Neller's research enables AI search techniques for discrete systems to be applied to decision-making for continuous systems where the timing of actions is important. He also presented, “Action Timing discretization with Iterative-Refinement” at the 5th International Symposium on Abstraction, Reformulation, and Approximation (SARA'02) in Kananaskis, Alberta, Canada. Beyond presenting the AAAI'02 material described above, Neller also received honorable mention in the name badge art competition.

Janet M. Powers, Associate Professor of Interdisciplinary and Women's Studies, delivered a paper at the International Peace Research Association Conference, held in Suwon, Korea (July 1-5, 2002). Her paper, which was entitled “Approaching Peace Education at the Post-Secondary Level,” was presented under the auspices of the IPRA Peace Education Commission. Her paper dealt with three courses taught at Gettysburg College as well as the difficulty of maintaining continuity in peace studies courses. Professor Powers has served two terms as a member of the PEC Governing Council, having been elected at the 1998 meeting in Durban.

Virginia E. Schein, Professor of Management, presented a paper on “Poor Women's Participation in Work-Related Groups in Nicaragua,” at the XXVII International Congress of Applied Psychology in Singapore in July. At the Congress she also chaired a session on “Eclectic Approaches to the Study of Organizations” and co-chaired a session on “Gender Issues in Applied Psychology: International Perspectives.”

Kristin J. Stuempfle, Assistant Professor and Co-Chair of Health and Exercise Sciences, presented two papers at the American College of Sportsmedicine Annual Meeting in

St. Louis, MO (May 29-June 1, 2002). The first paper "Body profile analysis of anthropometric measurements in Division III collegiate football players" reported a portion of the data from an ongoing longitudinal study of the body composition of the Gettysburg College football team. The second paper "Hyponatremia in the 2000 Iditasport Human-Powered Ultra-Marathon" described the occurrence and etiology of hyponatremia in participants of the Iditasport, a 100-mile ultraendurance race held in Alaska each February.

Donald G. Tannenbaum, Associate Professor of Political Science, chaired a panel on "Evolution and Social Behavior" at the annual meeting of the International Association for Politics and the Life Sciences in Montreal (August 10-15, 2002).

Elizabeth Richardson Viti, Professor of French, delivered a paper entitled "Simone de Beauvoir and Annie Ernaux: Love With a Perfect Stranger" at the Tenth Annual International Simone de Beauvoir Society Conference in Turin, Italy (June 20-23).

Kent D. Yager, Associate Professor of Spanish and Margarita Elorriaga, Instructor of Spanish presented "Service Learning in Hispanic Communities: The Case of Adams County (PA)" at Franklin & Marshall College's A Conference for Service Learning Practitioners, Lancaster, PA (May 15-17, 2002). The presentation examined how to incorporate service learning into different levels of Spanish classes using two Gettysburg College Spanish classes as an example.

PROFESSIONAL DISTINCTIONS AND AWARDS

Virginia E. Schein, Professor of Management, assumed the presidency of the Division of Work and Organizational Psychology at the XXVII International Congress of Applied Psychology in Singapore in July. The Division of Work and Organizational Psychology is the largest among the 14 divisions of the International Association of Applied Psychology. It is the oldest international association of psychologists and consists of members from over 94 countries. Dr. Schein's term of office is for four years, concluding at the next Congress in Athens, Greece, 2006.

Donald G. Tannenbaum, Associate Professor of Political Science, received national recognition for his receipt of the 2001-02 Gettysburg College Order of Omega teaching honor as "Outstanding Professor in a Social Science Subject Area." An award was presented to him during an honors reception at the annual meeting of the American Political Science Association in Boston (August 28-September 1, 2002). The reception is sponsored jointly by the APSA and Pi Sigma Alpha, the national Political Science Honor Society.

PROFESSIONAL ACTIVITIES

Martha E. Arterberry, Professor and Department Chair of Psychology, received \$4000 from Pennsylvania Campus Compact to integrate service-learning into a course. Students in her Fall 2002 first-year seminar, *The Worlds of Childhood*, will help staff computer classes for children living in the Washington Street Corridor. Additional support was provided by Gettysburg College and the Johnson Center for Creative Teaching.

Cyndy M. Phillips and Kimberly Shuckra, Adjunct Instructors of English, received a grant from the Adam's County Arts Council for developing and leading a project geared toward encouraging the local Gettysburg community to take more interest in literary arts through writing workshops at the Ragged Edge Coffee Shop in town and readings of published works at HACC's campus in Gettysburg (February-April 2002).

Jack E. Ryan, Associate Professor of English, served as a judge for the Arts Fest 4th annual Film Festival 2002, held in Harrisburg, PA (May 25-27). Along with four other judges, he previewed all festival submissions, providing rankings for the films deemed eligible for competition. For the first time, awards were presented to filmmakers in four categories—experimental, animation, narrative, and documentary. A special Best Film in Festival was also presented at the awards ceremony, which was held in the Whitaker Center.

Stephen M. Sivi, Associate Professor of Psychology, received a \$29,886 grant from the National Science Foundation. The grant, which is entitled "Integration of Research into Behavioral Neuroscience Instruction," provides funds for equipment to be used in a variety of courses in behavioral neuroscience. This will facilitate opportunities for students to conduct empirical research projects in courses with and without dedicated laboratory components, and to enhance opportunities for senior-level independent research.

Randall K. Wilson and Thomas Crawford, Assistant Professors of Environmental Studies, received a \$10,000 grant from the Community-based Collaboratives Research Consortium (housed within the University of Virginia's Institute for Environmental Negotiation) to conduct a study on community-based forest planning in southwest Colorado. The project builds on Professor Wilson's earlier research on the San Juan National Forest and will involve student researchers to investigate the role of place-based social and ecological contexts in evaluating community-based resource management decisions.

CREATIVE ACTIVITIES, ACCOMPLISHMENTS, AND PERFORMANCES

Cyndy M. Phillips, Adjunct Instructor of English, exhibited "Approaching Storm," a series of her artwork inspired from travels in Africa. The exhibit ran through the month of April (2002) at HACC's campus in Gettysburg.



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