The Faculty Notebook, March 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
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PUBLICATIONS

Tahera Aftab, Distinguished Visiting Professor of Women's Studies, recently edited and published Vol. 8, Nos. 1 & 2 (2001) of Alam-e-Niswan, the Pakistan Journal of Women's Studies.

Martha E. Arterberry, Associate Professor of Psychology, published a chapter titled "Perceptual unit formation in infancy" in From Fragments to Objects: Segmentation and Grouping in Vision edited by T. F. Shipley & P. J. Kellman (Elsevier North Holland, 2001). This chapter summarizes research on how babies perceive objects that are partly hidden, such as when a person stands in front of a couch. Even though the whole couch cannot be seen at any one time, babies understand that it is one unit.

Michael J. Birkner, Benjamin Franklin Chair in the Liberal Arts and Professor of History, published an essay entitled "The New Hampshire Presidential Primary, 50 Years On," in the Concord Monitor, March 10, 2002.

Robert F. Bornstein, Professor of Psychology, co-edited (with Joseph Masling) a book entitled The Psychodynamics of Gender and Gender Role, which was published by the American Psychological Association in February 2002. This was the 10th and final volume in Bornstein and Masling's Empirical Studies of Psychoanalytic Theories book series, which began in 1983.

Bornstein also published an article entitled "A Process Dissociation Approach to Objective-Projective Test Score Interrelationships" in the Journal of Personality Assessment, Vol. 78 (2002): 47-68. This paper integrated research from perception, learning, and memory with findings from personality assessment to address a longstanding question in the psychometric literature: How can two different measures of the same trait both predict relevant aspects of behavior, yet show only modest correlations with each other?

Ralph Cavaliere, Professor of Biology, and Erin Campbell '00 coauthored an article with two colleagues from Penn State that investigated the bacterium causing Fire Blight, a serious and economically important pathogen of apple trees in Adams County. The article, "A scanning electron microscopic study of endophytic and epiphytic growth of Erwinia

**Bret E. Crawford and Sharon L. Stephenson, Assistant Professors of Physics**, joined colleagues from the TRIPLE (Time Reversal and Parity at Low Energies) Collaboration at the Los Alamos National Laboratory in publishing two recent articles in Physical Review C Vo. 65 (2002), the major nuclear-physics journal. The papers present recent analysis of parity-violation neutron-scattering experiments. The works were entitled, "Parity violation in neutron resonances of palladium" and "Neutron resonance spectroscopy of $^{104}$Pd, $^{105}$Pd, and $^{110}$Pd."

**John A. Commito, Professor and Chair of the Environmental Studies Department**, has recently published "Differential Dispersal Rates in an Intertidal Meiofauna Assemblage" in the Journal of Experimental Marine Biology and Ecology (2002): 237-256. The research was conducted at one of John's study sites in Maine with Canadian colleague Guglielmo Tita. They demonstrated that meiofauna (tiny invertebrate animals eaten by young fish) have extremely high species-specific dispersal rates resulting from active swimming behavior and passive transport by tidal and wind-generated water currents. The results have implications for analysts trying to predict the response of marine ecosystems to disturbances such as oil spills, dredging, and El Niño storm events.

**Daniel G. Drury, Assistant Professor of Health & Exercise Sciences**, published a paper entitled "Influence of Vestibular Activation on Respiration in Humans" in the American Journal of Physiology - Regulatory, Integrative, and Comparative Physiology, Vol. 23 (2002): 689-694. This work was a collaborative effort with Dr. Ray and colleagues from the Cardiology Division of the University of Penn State Medical Center at Hershey.


**Nathalie Goubet, Visiting Assistant Professor of Psychology**, and co-authors Cécile Rattaz, Véronique Pierrat, Eric Allémann, André Bullinger and Pierre Lequien published their latest findings in a recent article. The work, "Olfactory Familiarization and Discrimination in Preterm and Full-Term Newborns" appeared in Infancy, Volume 3, Number 1 (February 2002).

**Barbara Schmitter-Heisler, Professor of Sociology and Anthropology**, recently published an article entitled "Immigration and Federalism in the United States". It appeared in Lale Akguen and Dietrich Thraenhardt, eds., Integrationspolitik in Foederalistischen Systemen,
published in Muenster, Germany by LIT Verlag. This book is part of a series of books on immigration issues entitled, "Studies in Migration and Minorities."

Sherman S. Hendrix, Professor of Biology, co-edited a thematic issue of the International Journal for Parasitology, Vol. 32:3 (March, 2002), one of the leading journals in his field. The issue contains twelve review papers presented at the Fourth International Symposium on Monogenea, which took place at the University of Queensland, in Brisbane, Australia. He was also a coauthor of an article "Phylogenetic Positions of the Bothitrematidae and Neocalceostomatidae (Monopisthocotylean Monogeneans) Inferred from 28S rDNA Sequences" in Comparative Parasitology, Vol. 69 (2002): 20-25. Sherm worked with scientists from France, Malaysia and Tunisia on the work.

Janet M. Powers, Associate Professor of Interdisciplinary Studies and Women's Studies, has published an article in Alam-E-Niswan, the Pakistan Journal of Women's Studies, Vol. 8, Nos. 1 and 2 (2001). The article, entitled "Decolonization as Dialogue: Working Toward Transnational Feminism," deals with the need to ground feminist theory in a dialogic engagement with feminist collectives and movements around the world, with a focus on South Asia.

David W. Redmon, Visiting Assistant Professor of Sociology, published a book review titled “Cultural Criminology and the Carnival of Crime” in the Journal of Sociology in New Zealand (February, 2002).


David E. Weinreich, Assistant Professor of Mathematics, published "Measures on monotone properties of graphs" in the January 15, 2002 issue of Discrete Applied Mathematics. Coauthors on this paper were Bela Bollobas and Jozsef Balogh of the University of Memphis.
John R. Winkelmann, Associate Professor of Biology, published an article entitled, "Home range of Dobsonia minor (Pteropodidae): A solitary, foliage-roosting fruit bat in Papua New Guinea" Biotropica, Vol. 34 (2002): 138-146. John's co-authors were Frank Bonaccorso, of the Papua New Guinea National Museum, Elizabeth Dumont of the University of Massachusetts and Katherine Thibault of the University of New Mexico. This is the second of three articles on activity, foraging, and space-use in rainforest bats. As pollinators and seed dispersers, these bats play a critical role in forest regeneration.

PROFESSIONAL PAPERS AND PRESENTATIONS

Martha E. Arterberry, Associate Professor of Psychology, presented a paper as an invited address titled "Infants Categorization of Animals and Vehicles" at Elizabethtown College (March 21, 2002). This presentation summarized the research she has been conducting over the past 3 years in collaboration with Marc H. Bornstein at the National Institute of Child Health and Human Development in Bethesda, Maryland.

Bela Bajnok, Associate Professor of Mathematics, gave a paper presentation entitled, "The independence number of a subset of an abelian group" at the 33rd International Conference on Combinatorics, Graph Theory, and Computing (March 4-8, 2002). A subtitle of this talk might have been "A combinatorist ventures into the field of number theory." He also gave an invited colloquium talk at SUNY-Binghamton, entitled "Spherical designs" (March 13, 2002). Present for the event was Professor Thomas Zaslavsky, who in 1984 was the first to prove the general existence of spherical designs.

Robert F. Bornstein, Professor of Psychology, gave two presentations at the 73rd meeting of the Eastern Psychological Association in Boston, MA (March 8). The first was entitled "Repeatedly Exposed and Imagined Stimuli Yield Comparable Mere Exposure Effects" (with Catherine Craver-Lemley, Kelly Forys, Courtney Lake, and Nicole Thomas). The second was entitled "Construct Validity of the Relationship Profile Test: Links With Identity, Relatedness, and Attachment Style" (with Kimberly J. Geiselman '02, Elizabeth A. Eisenhart '02, and Mary A. Languirand).

Vera Brusentsev, Visiting Assistant Professor of Economics, presented a paper at the annual meeting of the Midwest Economics Association in Chicago (March 14, 2002). The paper was entitled, "Trends in Unemployment Protection in Six Countries: Australia, Canada, Ireland, New Zealand, United Kingdom, and the United States of America."

Bret E. Crawford and Sharon L. Stephenson, Assistant Professors of Physics, mentored two students who presented posters at the Fall 2001 Joint Meeting of the Division of Nuclear Physics of the American Physical Society and the Nuclear Section of the Japanese
Physical Society in Maui, Hawaii. Corinne B. Dallas '03 and Marc E. Morris '03 presented work on calculations aimed at determining the properties of a reactor in Russia where neutron-neutron scattering experiments are being planned.

Judith A. Brough, Professor of Education, co-presented three sessions at the annual conference of the Association for Supervision and Curriculum Development in San Antonio, Texas (March 8-11). The sessions were "Bridging the Gap: Transitions from Middle Level to High School," "Middle Level Classroom Management," and a panel discussion on "Current Issues in Middle Level Education." Brough is a co-facilitator for ASCD's Middle Level Network.

Ann Harper Fender, Professor of Economics, served as a discussant at the October, 2001, Economic History Association meetings in Philadelphia. She discussed Marie Duggan's "Financing New World Expansion with Medieval Economic Ethics."

Suzanne J. Flynn, Associate Professor of English, delivered a paper, "The Long and the Short of It: Thomas Hardy on History" at the annual meeting of the Nineteenth Century Studies Association, in Savannah, GA (March 7-9, 2002). At the same conference, Prof. Flynn moderated a panel entitled "Looking For Darwin in Literature and Art."

Peter P. Fong, Associate Professor of Biology, gave an invited seminar for the Department of Biology at Dickinson College entitled, "Physiological Aspects of Zebra Mussel Reproduction." The talk summarized the importance of zebra mussels as a persistent aquatic pest in North American fresh waters, as well as the economic costs, and potential impact on energy and agriculture in western states. Mitigation of their effects using molecular and physiological techniques were highlighted.

Cosetta Gaudenzi, Assistant Professor of Italian, presented a paper entitled, "Exile, Translation, Return: Ugo Foscolo in England" at the annual meeting of the Modern Language Association in New Orleans (December 27-30, 2001). The presentation discussed the presence of Foscolo in England and shed light on the Italian exile’s role in the process which made Henry Francis Cary’s 1814 version of Dante’s Commedia the first authoritative translation into English.

Pensri Ho, Visiting Assistant Professor and Post-Doctoral Fellow in Sociology and Anthropology, delivered a paper, "Don’t Tell Us Who We Are: Non-Partisan Performance as Urban Spectacle," at the annual national American Anthropological Association Conference, Washington, DC (Nov. 28 - Dec. 2, 2001). The paper examines how the leaders of an Asian American professional organization challenge and negotiate their self-image as the Asian Model Minority through two highly publicized fundraising events.
Eleanor J. Hogan, Assistant Professor of Japanese and Interdisciplinary Studies, presented a paper entitled, "From Sachiko to Machiko: Nogami Yaeko’s Evolving New Women," at the Across Time and Genre: Reading and Writing Japanese Women’s Texts held at the University of Alberta in Edmonton Canada. She also presented a comparative paper entitled “From New Women to Atarashii onna: The New Woman in Japan and England” at the Washington and Southeast Regional Japan Seminar at George Washington University (November 10, 2001).

Keely K. Lake, Visiting Assistant Professor of Classics, presented "Helen and Arsinoe, Menelaus and Ptolemy II in Theocritus' Idyll 18" at the annual meeting of the Classical Association of the Middle, West, and South in Austin, Texas (April 3-6, 2002). This paper explores issues of poetry, power, and patronage in Hellenistic Egypt.

Todd W. Neller, Assistant Professor of Computer Science, delivered a paper, "Action-Based Discretization for AI Search" at the Game Developers Conference, San Jose Convention Center, San Jose, California (March 19-23, 2002), a major venue for researchers and software developers to connect and share ideas and technical challenges. In his one-hour lecture, Neller covered the state-of-the-art in Artificial Intelligence (AI) search techniques including new techniques and results from his research. Neller also participated in an "AI in Computer Games" roundtable.

Jonelle E. Pool, Associate Professor of Education, delivered a paper, "Documenting Self Assessment, Professional Growth and Reflective Thinking in Preservice and Student Teachers" at the annual meeting of the American Association of Colleges for Teacher Education, New York, (February 23-26, 2002). The presentation highlighted innovative student assessment practices in the Education program sequence at Gettysburg College. She also presented a paper entitled, "How Valid are the National Board of Professional Teaching Standards Assessments?" at the annual meeting of the American Educational Research Association, New Orleans, (April 1-5, 2002) with Chad D. Ellett, CDE Research, Inc.

David W. Redmon, Visiting Assistant Professor of Sociology, delivered a paper and presented his documentary-in-progress, “Mardi Gras: Made in China” at Yale University (October 27, 2001) and Southwestern University (November 20, 2001). He also presented a paper entitled, “Mardi Gras and Gay Space” at The Lavender Languages Conference in Washington, D.C. (February 16, 2002).

Carolyn S. Snively, Professor of Classics, presented a poster, "Excavations at Konjuh, Republic of Macedonia, 2000-2001," in the poster session at the Annual Meeting of the Archaeological Institute of America, Philadelphia, (January 3-6, 2002).
Barbara A. Sommer, Assistant Professor of History, delivered a paper entitled "Indigenous Mobility and Flexible Frontiers in Late-Eighteenth Century Pará, Brazil" at the annual American Historical Association meeting in San Francisco (January 3-6, 2002).

Sharon Stephenson, Assistant Professor of Physics, was invited to give a talk at Michigan State University and the National Superconducting Cyclotron Laboratory. Delivered on February 22, 2002, the talk was entitled "A Direct Measurement of the n-n Scattering Length."

Eileen M. Stillwaggon, Assistant Professor of Economics, presented a paper entitled "The Costs of Discrimination against HIV+ Workers in the Caribbean" at the Eastern Economic Association meetings in Boston (March 17, 2002). She also presented work at the annual meeting of the American Economic Association in Atlanta. The paper was entitled "Labor Migration and HIV/AIDS in Latin America and the Caribbean." She also organized and chaired a panel on "Modeling the Economics of HIV/AIDS: Determinants and Impacts," and she was discussant for a panel on "The Social Economics of Globalization and Economic Development."

Elizabeth Richardson Viti, Professor of French, delivered a paper at the Thirtieth Annual Twentieth-Century Literature Conference held at the University of Louisville (February 21-23). The paper, entitled "Strange Bedfellows: Marcel Proust and Annie Ernaux," demonstrated the manner in which two stylistically different writers nonetheless hold an identical view of love as illness, but illness which ultimately has a cure.

David E. Weinreich, Assistant Professor of Mathematics, presented a poster entitled "Jumps in properties of graphs" to the Joint Meetings of the American Mathematical Society and the Mathematical Association of America in San Diego (January 2002).

PROFESSIONAL DISTINCTIONS AND AWARDS

Peter P. Fong, Associate Professor of Biology, has been appointed to a second 4-year term as Review Editor of the Marine Ecology Progress Series. The journal is one of the top journals of marine biology and ecology in the world.

Thane S. Pittman, Professor of Psychology, was recently listed as being among the most influential scholars in the field of social psychology. He was listed in an article appearing in the journal Personality and Social Psychology Review. The article tabulated which scholars are most frequently cited by their peers.

Michael Ritterson, Associate Professor of German's The Odin Field (Rochester, NY: Camden House, 2001), the translation of nineteenth-century novelist Wilhelm Raabe's Das
Odfeld, has been nominated by the publisher for the Helen and Kurt Wolff Translator's Prize 2002. The prize was established in 1996 and is administered by the Goethe-Institut Chicago with funding from the German government to honor an outstanding literary translation from German into English published in the United States the previous year.

Carolyn S. Snively, Professor of Classics, has been nominated for a Whitehead Visiting Professorship at the American School of Classical Studies in Athens for the academic year 2003-2004. Although they have no official duties, it is customary during the winter term for each of the two visiting professors to offer a seminar on a topic of their expertise for the graduate students in residence at the School.

PROFESSIONAL ACTIVITIES

Philip Bobko, Professor of Management and Psychology, served on a blue-ribbon advisory panel that is helping to rewrite the Principles for the Validation and Use of Personnel Selection Procedures (a publication of the Society for Industrial and Organizational Psychology). Along with the EEOC's Uniform Guidelines and the Civil Rights Act of 1991, these principles serve as a major resource to human resource professionals and industrial psychologists who wish to codify procedures for validating selection tests.

J. Matthew Gallman, Henry R. Luce Professor of the Civil War Era, has given several public lectures this year, taking these opportunities to publicize the Gettysburg Semester and Civil War Era Studies programs to various audiences. He spoke on “What Do We Learn About Ourselves in Wartime?” at Colby College. He gave a keynote address entitled “The Study of the Civil War Era: Recent findings and trends” at the conference “Teaching U.S. History on the Web,” at Bowdoin College (November 8, 2001). He also gave a keynote address entitled “Anna Dickinson and the Civil War: What Can We Learn By Studying An Extraordinary Woman?” at the 3rd Annual Women’s History Symposium, Gettysburg National Military Park (March 7, 2002). Matt will spend 2002-2003 in California as the Ray Billington Visiting Professor at Occidental College and the Huntington Library.

Daniel R. Gilbert, Jr., Professor of Management and David M. LeVan Chair in Ethics and Management, and Faculty Athletics Representative, represented Gettysburg College at the National Collegiate Athletic Association (NCAA) annual convention in Indianapolis, Indiana (January 12-14, 2002).

Pensri Ho, Visiting Assistant Professor and Post-Doctoral Fellow in Sociology and Anthropology, was one of 20 nationally invited participants invited by the National Parks Service (NPS) to identify and develop a series of distance learning courses entitled, "Multicultural Heritage Perspectives and Preservation." These courses will educate NPS
staff and the general public about heritage preservation and ethnographic resources of significance to Pacific Islanders, Native Alaskans, African, Asian, and Hispanic Americans.

Laurence A. Marschall, Professor of Physics, is at the University of Canterbury, Christchurch, New Zealand, from February through April 2002, as a Visiting Erskine Fellow in the Department of Physics and Astronomy. He’s giving lectures in an introductory Astrophysics course, presenting several colloquia, and observing with the one meter telescope at Mt. John Observatory. He also presented a colloquium entitled, "The Virtual Educational Observatory" to the Department of Astronomy at Boston University (February 4, 2002).

Sharon L. Stephenson, Assistant Professor of Physics, was invited to address the American Physical Society at a conference in Indianapolis, Indiana (March 20, 2002). Her address was entitled, “Learning from the World: Shifting Goals for the US Climate for Women in Physics.” She also traveled to Paris as one of twelve U.S. delegates to the International Conference on the Status of Women in Physics. The March conference, organized by the International Union of Pure and Applied Physics, brought together more than 300 physicists from 65 countries.

Amelia M. Trevelyan, Associate Professor of Visual Arts, was editor of the exhibition catalogue, “The Art of Mary Beth Edelson” published this spring. The publisher is Duro Grafiska, Malmö, Sweden, and the book is being distributed in the USA by DAP (Distributed Art Publishers). Amy is also executive director of the exhibition. It opened in Gettysburg, is still on tour in the US and will travel to Europe in the Fall.

CREATIVE ACTIVITIES, ACCOMPLISHMENTS, AND PERFORMANCES

M. Deborah Larsen Cowan, Associate Professor of English and M. S. Boyer Chair in Poetry, has completed her latest novel, The White. It will be published by Knopf, and it has been selected by the Book of the Month Club as one of its Dual Main Selections for August.

David W. Redmon, Visiting Assistant Professor of Sociology, was one of six direct action video activists who produced the documentary “How the WEF was Won: Resisting the World Economic Forum” with Independent Media Center, New York City (February, 2002). He also produced a documentary titled, “An American Experience: Washington, D.C.” It was presented at the Fresh Produce Film Festival in Washington, D.C. (February 23, 2002).

Susan Russell, Assistant Professor of Theatre Arts, recently directed a campus production of The Merchant of Venice, with set design provided by colleague Prof. Jerome Hansen. The production was widely praised as a deft presentation of one of Shakespeare’s most difficult plays.
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