4-2003

The Faculty Notebook, April 2003

Provost's Office
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"Faculty Notebook, April 2003," Vol VII, No 3 (April 2003), Provost's Office, Gettysburg College.

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Keywords
Provost’s Office, Faculty Publishing, Academic Publishing, Academic Achievement, Gettysburg College

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.
**PUBLICATIONS**

**Martha E. Arterberry, Professor of Psychology and Assistant Provost,** published an article entitled “Variability and Its Sources in Infant Categorization” in *Infant Behavior and Development*, Vol. 25 (2002): 515 – 528. This work, co-authored with Marc H. Bornstein at the National Institute of Child Health and Human Development, assessed variation in categorization ability among 275 infants and tried to determine which factors predicted success in categorization tasks.

**Bela Bajnok, Associate Professor of Mathematics,** published a paper entitled “The Independence Number of a Subset of an Abelian Group” in the electronic journal *Integers* Vol. 3(2003): Paper A2, 23. The paper investigates some far reaching generalizations of $1+2=3$. Along with co-author I. Ruazsa of the Hungarian Academy of Sciences, Bajnok is interested in defining and studying the degree to which a certain set of integers is "independent."


**Robert F. Bornstein, Professor of Psychology,** published a book entitled *Healthy Dependency* (Newmarket Press, 2003). The book, co-authored with Mary A. Languirand, discusses the positive effects of healthy (flexible, situation-appropriate) dependent behavior in parenting, caregiving, friendship, work, and other areas.

Bornstein also published a chapter entitled “Psychodynamic Theories of Personality” in a 12-volume *Handbook of Psychology* (John Wiley & Sons, 2003), and an article entitled “Construct Validity of the Relationship Profile Test: A Self-Report Measure of Dependency-Detachment” in the *Journal of Personality Assessment*, Vol. 80 (2003): 64-74. **Kimberly J. Geiselman, ’02, Jason A. Creighton ’02, Melissa A. West ’01, Heather A. Gallagher ’03, and Elizabeth A. Eisenhart ’02** were co-authors on this article.

Butin also published an article, "The Limits of Categorization: Re-Reading Multicultural Education," in *Educational Studies*, 34(1): 59-67. The article examined, through a review of several multicultural education texts, the theoretical limits of traditionally conceived multicultural education.

**Bret E. Crawford**, and **Sharon L. Stephenson**, both Assistant Professors of Physics, along with their collaborators from the Joint Institute for Nuclear Research in Dubna, Russia, published a journal article entitled "Direct Measurement of the Neutron-Neutron Scattering Cross Section at the Reactor YAGUAR in the Journal of Physics G: Nuclear and Particle Physics, Vol. 28 (2002): 2627-2641. This article is a report on progress toward the first ever direct measurement of the neutron-neutron interaction by a collaboration of physicists from Russia and the United States. The experiment is being built in Snezhinsk, Russia.

**Eric S. Egge**, Assistant Professor of Mathematics, published a paper entitled "Permutations Which Avoid 1243 and 2143, Continued Fractions, and Chebyshev Polynomials" in the *Electronic Journal of Combinatorics*, Vol. 9(2002-2003), article #R7. This paper is joint work with Toufik Mansour of the Chalmers University of Technology, Sweden. It appears in a special volume devoted to Permutation Patterns and may be found on the web at www.combinatorics.org.


**Nathalie Goubet**, Assistant Professor of Psychology, published a paper entitled "Olfactory Experience Mediates Response to Pain in Preterm Newborns" in *Developmental Psychobiology*, Vol. 42(2003): 171-180. This paper was co-authored with C. Rattaz and A. Bullinger of the University of Geneva, Switzerland, and V. Pierrat and P. Lequien of the Hopital Jeanne de Flandere in Lille, France. In this paper they show that premature infants can learn to recognize an odor they have been familiarized with, and that presenting this familiar odor during a painful episode is soothing, in particular when the pain is of moderate intensity.

**Laurence A. Gregorio**, Professor of French, published an article entitled "Ideals and Ideas: Platonism in La Princesse de Clèves" in *Neophilologus*. This article is a study of classical Platonism and late-Renaissance Neo-platonism and an analysis of that ideological current’s opposition to an emerging Neoclassical Aristotelian code in Mme de Lefayatte’s novel.

**Caroline A. Hartzell**, Associate Professor of Political Science and Coordinator of Latin American Studies, published an article entitled "Institutionalizing Peace: Power Sharing and Post-Civil War Conflict Management" in the *American Journal of Political Science*, Vol. 47
The article was jointly written with Matthew Hoddie of Texas A&M University, and it focuses on the factors that contribute to the endurance of civil war settlements.

Donald W. Hinrichs, Professor of Sociology and Pamela J. Rosenberg, Adjunct Associate Professor of Sociology, published a paper entitled “Attitudes Toward Gay, Lesbian, and Bisexual Persons Among Heterosexual Liberal Arts College Students,” in the *Journal of Homosexuality*, Vol. 43(2002): 61-84. For this paper, Hinrichs surveyed 692 heterosexual students at six colleges to identify attributes predicting acceptance of gay, lesbian, and bisexual persons.

Yoshimitsu Kahn, Assistant Professor of Japanese Studies, published a paper entitled “The Development of Family Statism in Meiji Japan” in the *Virginia Review of Asian Studies*, Vol. IV (2002). This paper investigated the creation of Japan’s modern nation-state by replicating Japanese family organization with the emperor as the father of the nation-family, and the subjects as his children. The Meiji government resurrected aspects of an old feudal ideology based on Japanized Confucian ethics. Family statehood in pre-surrender Japanese was the unifying national sentiment for fostering imperialism and expansionism.


Laurence A. Marschall, W.K.T. Sahm Professor and Chair of Physics, published a paper entitled “Radial Velocity Survey of Members and Candidate Members of the TW Hydrae Association” in *Astronomical Journal*, Vol. 125 (2003): 825-842. Marschall and his coauthors describe a study of a nearby star group where young stars may be forming. Several new binary stars were discovered, and velocity measurements of the stars indicated which stars are actually in the group, and which were just stars in the foreground and background.

Janet M. Powers, Associate Professor of Interdisciplinary and Women's Studies and Coordinator of Global Studies, published an article, "Women and Peace Dialogue in the Middle East," in *Peace Review*, Vol. 15 (2003): 25-31. Based on her research in Israel and the Occupied Territories, the paper deals with the continuing conversation between Israeli and Palestinian women’s organizations who seek to end the bloodshed on both sides of the conflict.

Marta E. Robertson, Associate Professor of Music, published a chapter entitled "Copland and Music for Dance: Questioning Fundamental Assumptions" in Peter Dickinson’s edited volume *Copland Connotations: Studies and Interviews*. This volume, written by American and British teams of authors, is the first collected set of essays on Aaron Copland, many of which were initiated as part of the November 2000 centenary celebration of Copland’s birth.
Susan F. Russell, Assistant Professor of Theatre Arts, published an article entitled "Masculinity Staged: Gender in Fascist and Anti-Fascist German Theater" in the *Journal of Dramatic Theory and Criticism*, Vol. XVII (2002): 87-106. This article looks at two German plays, both first performed in 1933, one fascist (Schlageter) and one anti-fascist (The Races).


Kristin J. Stuempfle, Assistant Professor and Co-Chair of Health and Exercise Sciences, published a paper entitled "Hyponatremia in a Cold Weather Ultraendurance Race" in *Alaska Medicine*, Vol. 44 (2002): 51-55. The study examined the incidence and etiology of hyponatremia (low blood sodium level) in the Susitna 100, a 100 mile ultraendurance race held in the Alaskan wilderness each February.


Kerry S. Walters, Professor and William Bittinger Chair of Philosophy, published a book entitled "Jacob's Hip: Finding God in an Anxious Age" (Orbis Books, 2003). This work is a study of the spiritual lessons of the 9/11 terrorist attacks and a defense of pacifism.

PROFESSIONAL PAPERS AND PRESENTATIONS

Bela Bajnok, Associate Professor of Mathematics, presented a talk entitled "Additive Number Theory to Construct Spherical Designs" at the Meeting of the American Mathematical Society, in Baltimore, on January 15, 2003. The presentation opened the Special Sessions on "Advances in Spherical Codes and Designs," a conference which he co-organized. Bajnok also presented a paper entitled "The Independence Number of a Subset of an Abelian Group" at the New York Number Theory Seminar at the CUNY Graduate Center, New York, NY on February 13, 2003. This was an invited presentation, allowing Bajnok to share some of his research with a very active group of number theorists.

Robert F. Bornstein, Professor of Psychology, presented four papers at professional conferences. One paper entitled "A New Clinical Measure of Overdependence, Detachment, and Healthy Dependency: The Relationship Profile Test" was presented at the meeting of the American Psychoanalytic Association in New York City on January 24, 2003. Three papers were presented at the Eastern Psychological Association meeting in Baltimore, all on March 14, 2003. These were: "Construct Validity of the Relationship Profile Test: Links With Self-Attributed and Implicit Dependency Scores" (co-authored with Heather A. Gallagher '03, H. Mei Ng '04, Erin E. Hughes '04, and Mary A. Languirand); "Altering Stimulus Representations During Encoding Moderates the Mere Exposure Effect" (co-authored with Catherine Craver-Lemley of Elizabethtown College); and "Effectiveness of Medication Treatment for Borderline Personality Disorder: A Meta-Analytic Review" (co-authored with Nuwan Jayawickreme '04).

William D. Bowman, Associate Professor of History, chaired a panel at the national annual meeting of the American Historical Association on January 5, 2003 in Chicago. The panel was entitled "Power of Violence in Late Imperial Austria-Hungary" and examined the relationship between popular acts of violence, the press, and political change in Vienna, Prague, and Budapest at the turn of the twentieth century. Bowman also gave a lecture entitled "Suicide in Freud's Vienna" at the Center for Austrian Studies at the University of Minnesota on the 27th of February. The Center is the primary national research institution for the study of Central and Eastern Europe in the United States. In addition, Bowman participated in the Center's seminar on the "Writing of National Histories in Central and Eastern Europe."

Judith Allen Brough, Professor of Education, presented two sessions at the annual conference of the Association for Supervision and Curriculum Development in San Francisco on March 9, 2003. One session, co-presented with Dr. Alfred Arth, University of Nebraska-Lincoln; Dr. Larry Holt, Central Florida University; and Dr. Kathleen Wheeler, York College, Nebraska, outlined effective classroom management techniques for middle school teachers and administrators. In another session, Brough and her colleagues joined
with facilitators from the African American Critical Issues Network, the Indigenous Peoples Education Network, the Problem-Based Learning Network, and the Invitational Education Network, to discuss reasons and solutions for the lack of academic success among many young adolescents, despite recent educational reforms.

Dan W. Butin, Assistant Professor of Education, presented "Going Beyond 'Just Do It': The Assumptions, Implications, and Limitations of Different Models of Service-Learning" at the Pennsylvania Campus Compact Annual Conference in Harrisburg on November 1, 2002. The talk examined how service-learning practitioners and researchers could deepen service-learning impacts by examining service-learning through multiple conceptual perspectives. Butin also presented "The Past and Future of Our Educational Present: Urban Education and Notions of Community" as a Plenary Address at Franklin & Marshall College, on November 5, 2002. The talk looked at the pervasiveness of the hidden curriculum and some implications for urban educational reform.

Sharon Davis Gratto, Associate Professor and Chair of Music and Music Education Coordinator, was a contributor to the session on "Ethnic and Multicultural Resource Room" at the American Choral Directors Association National Convention, which was held February 12-15, 2003 in New York City. At this Convention, Gratto also presented a session on "Audition Anxiety—Reducing the Stress," which was designed to help choral conductors and voice teachers who prepare singers for auditions.

Gordon A. Haaland, President, made a presentation, "The Psychologist as College/University President," at the annual meeting of the Society of Psychologists in Management, Tampa, Florida (February 28 – March 1, 2003). The conference, "The View from the Top – The Psychologist as CEO," examined the role of psychologists as leaders in the fields of business, education, and entertainment. This presentation analyzed the various functions of the college president utilizing theories of social behavior exhibited within an organization as it accomplishes its mission through a process of continuous change.

Scott Hancock, Assistant Professor of History and African American Studies, presented a paper entitled "Crossing Freedom's Fault Line" at the CPC Underground Railroad in South Central Pennsylvania conference at Dickinson College (February 24-25, 2003). He suggested a new model for thinking about the significance of runaway slaves by arguing that their persistence in transgressing the Mason-Dixon Line played a key role in shaping white identity as 'northerners' and 'southerners' and destabilizing the nation to the point of civil war.
Caroline A. Hartzell, Associate Professor of Political Science, presented two papers with her colleague Matthew Hoddle of Texas A&M University. The first paper entitled "Negotiating for Security: Factors Associated with the Creation of Power-Sharing Institutions Following Civil War" was presented at the annual meeting of the American Political Science Association in Boston (August 29-September 1, 2002), and it addressed the conditions under which power sharing agreements were most likely to be agreed to as a means of ending a civil war. The second paper entitled "Managing Domestic Anarchy: Liberal Institutionalism and the Resolution of Civil Wars" was presented at the annual meeting of the International Studies Association in Portland, OR (February 26-March 1, 2003), and it addressed the possibility of structuring domestic institutions to manage post-civil war states rather than relying on means such as third party intervention and/or the break up of states.

Eleanor J. Hogan, Assistant Professor of Japanese Studies, presented a paper, "To Marry or Not to Marry?: Nogami Yaeko's Fictional Portrayal of Love and Marriage" at the Annual Meeting of the Association for Asian Studies, New York, on March 30, 2003.

Dina Lowy, Assistant Professor of History, presented a paper entitled "Love and Marriage: Ellen Key and Hiratsuka Raicho Explore Alternatives" at the Annual Meeting of the Association for Asian Studies, New York, on March 30, 2003. This paper was an offshoot of Lowy's ongoing research about the roles and influence of New Women in Japan in the early 20th century.

Jonelle E. Pool, Associate Professor and Chair of Education, presented a paper entitled "Developing a Pedagogy for Using Video Case Studies to Develop Critical Observation Skills in Preservice Teachers" at the annual meeting of the American Association of Colleges of Teacher Education in New Orleans on January 24-27, 2003. This work was conducted in collaboration with Jean Ketter of Grinnell College. Their work examines how classroom instruction for preparing students for field work and reflection impacts future performance and teaching effectiveness.

Jean L. Potuchek, Associate Professor of Sociology, presented a paper entitled "Unhappily Ever After? Single Women and Subjective Well-Being" at the 73rd annual meeting of the Eastern Sociological Society (February 27 - March 2, 2003) in Philadelphia. This paper uses qualitative data from in-depth interviews to examine why those who are unmarried generally report lower levels of happiness on surveys than those who are married. This analysis is part of a larger research project on the lives of single women.
Janet M. Powers, Associate Professor of Interdisciplinary and Women's Studies and Coordinator of Global Studies, presented an illustrated talk, "Israeli and Palestinian Women in Dialogue," at the Mid-Atlantic Women's Studies Association, Philadelphia Community College, Philadelphia, on February 22, 2003 and at the CPC Women's Studies Conference at Gettysburg College, on March 1, 2003. Both talks were based on her research in Israel and the Occupied Territories.

Rajmohan Ramanathapillai, Assistant Professor of Global Studies, delivered a paper entitled "The Application of Art in Nonviolent Peace-Building" at the Symposium on Nonviolence Research Conference (November 28-30, 2002) held at the Center for Peace Studies at University of Tromso, Norway. The paper investigated the role of art to understand the global implications of war and to create space for Nonviolent Peace-Building models in conflict zones.

Janet Morgan Riggs, Professor of Psychology, and Leah Gumbrecht '02 presented "Correspondence Bias in the Perception of American Sentiment Following September 11, 2001" at the Eastern Psychological Association meeting in Baltimore on March 15, 2003. Their research demonstrated differences in the impressions formed in the perceptions of a person expressing pro- or anti-American views as a function of whether or not that person was perceived to be a Muslim.

Jack E. Ryan, Associate Professor of English, delivered a paper, "Armed Zen: Jim Jarmusch's Ghost Dog and Aspects of the Mock-Hero," at the annual Film and Literature Association conference held at Dickinson College (October 17-20, 2002). The paper analyzed Jarmusch's displaced samurai as a post-modern descent of Cervantes's Don Quixote.

Ricardo Samuel, Assistant Professor of Sociology, presented a paper entitled "Highbrow: Race, Culture, and Classical Music" at the meeting of the Eastern Sociological Society on February 28, 2003. In this paper he argued that research on black classical music is in its infancy and of relevance to sociologists of culture.

Carolyn S. Snively, Professor of Classics, made a presentation, "Provincial Reflections: Ecclesiastical Architecture at Stobi and on the Via Egnatia," in the poster session at the 104th Annual Meeting of the Archaeological Institute of America (January 3-6, 2003) in New Orleans. The poster showed that in the 5th and 6th centuries architectural and artistic trends traveled back and forth along the Via Egnatia between Rome and Constantinople; they reached Stobi, located some distance from the Via Egnatia, somewhat later and often in a simplified form.
Kristin J. Stuempfle, Assistant Professor and Co-Chair of Health and Exercise Sciences, recently gave two invited talks on different facets of her research on the Susitna 100, a 100 mile ultraendurance race held in Alaska each February. In this race, athletes compete on the same course that wind through the Alaskan wilderness in one of four divisions: foot, bike, cross-country ski, or snow shoe. The first talk was given at the United States Army Research Institute of Environmental Medicine in Boston and was entitled “Nutrition, Cognitive Function, and Hyponatremia in a Cold Weather Ultradistance Race” (January 2003). The second talk, entitled “Psychological and Physiological Factors in Cold Weather Ultramarathon Performance,” was given at the Alaska Native Medical Center in Anchorage (February 2003).

Charles L. Weise, Assistant Professor of Economics, presented a paper entitled “State and Local Fiscal Policy and the Business Cycle,” at the 2002 meetings of the Southern Economics Association. Using vector autoregressions to aggregate data, he addressed several questions on state and local fiscal policy over the period 1970 to 2002.

Mark A. Weitz, Assistant Professor of History and Acting Director of Civil War Era Studies, delivered the keynote address entitled “The War Goes on Forever, and the Stories Never End,” at the Northeast National Collegiate Honors Conference at Gettysburg on March 29, 2003. The conference theme this year was “The Civil War, Many Battles, Many Stories.”

William P. Wilson, Director of Web Technology; Mark R. Albert, Web Programmer/Analyst; and John C. Duffy, CNAV System Administrator, presented a paper entitled "Beyond the Campus Gates: Bringing Alumni, Parents, and Prospects into the Campus Portal" at NERCOMP 2003 on March 17. They showed how CNAV provides access to predetermined data for these groups, as well as some of the issues confronted as a part of that process.

PROFESSIONAL DISTINCTIONS AND AWARDS

Robert F. Bornstein, Professor of Psychology, received the 2002 Martin Mayman Award. This award is bestowed annually by the Society for Personality Assessment for an article that makes a distinguished contribution to the literature in personality assessment. This award was given for Bornstein’s article entitled “A Process Dissociation Approach to Objective-Projective Test Score Interrelationships,” published in the Journal of Personality Assessment, Vol. 78 (2002): 47-68, which was described in the March, 2002 Faculty Notebook.

Judith Allen Brough, Professor of Education, was awarded the prestigious Gruhn-Long-Melton Award for Distinguished Service and Leadership in Improving Middle Level Education. It was presented February 21, 2003 in San Diego at the Long Conference, a part
of the national conference of the National Association of Secondary School Principals. This national award is given only periodically when it is determined by a select panel of former award winners that a candidate is exceptional in his/her accomplishments beneficial to the education of young adolescents.

Sharon Davis Gratto, Associate Professor and Chair of Music and Music Education Coordinator, has been chosen by the United Way of Adams County and Adams County National Bank as one of eight outstanding women to be recognized at the "Celebration of Exceptional Women" event on March 31, 2003. Gratto, founder and director of the Gettysburg Children's Choir, will be honored for her contributions to the arts. In addition, a member of the Gettysburg Children's Choir was selected for the National Junior High Honor Choir. The student was one of 300 students selected from 2,000 audition tapes.

Robert M. Knight, Adjunct Instructor of English, has received a notable notice about the second edition of his book, A Journalistic Approach to Good Writing: The Craft of Clarity. This book was reviewed favorably and described as an "indispensable guide for all writers" by Kevin P. Klose, president and CEO of National Public Radio and a longtime correspondent and editor of The Washington Post.

Shawna Leigh, Assistant Professor of Classics, has been named a Solow Summer Senior Research Fellow for 2003 at the American School of Classical Studies in Athens. She will be completing the research for her book on the Roman period waterworks of Athens.

PROFESSIONAL ACTIVITIES


Dan W. Butin, Assistant Professor of Education, received a Pennsylvania Campus Compact Service Learning Research Grant for the Spring 2003 semester. The $6,700 grant supports a critical evaluation – through critical theory and poststructuralism – of the service-learning literature.

Véronique A. Delesalle, Associate Professor of Biology, received a $168,192 grant from the National Science Foundation to establish an interdisciplinary summer research program in land conservancy and resource management. For the next three summers, this program will allow eight students per year (from Gettysburg College and from other institutions) to develop projects specifically addressing the needs of two local nature preserves, Strawberry Hill Nature Preserve in PA and ThorpeWood in MD. The program will provide students with a stipend, housing, and some financial assistance for travel.
Ann Harper Fender, Professor of Economics, served on a Middle States Accreditation Team to Iona College, New Rochelle, NY, in November, 2002.

Jacquelynne B. Milingo, Assistant Professor of Physics and Astronomy, was recently granted 5.5 nights on the 2.1 meter telescope at Kitt Peak National Observatory near Tucson, Arizona. This time will allow her and Gettysburg junior Eliza Lee (triple major in Chemistry, Physics, and Religion) to study how the chemical composition of intermediate-mass stars is altered due to Hydrogen fusion.
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Daniel DeNicola
Campus Box 410