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## The Faculty Notebook, April 2013

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# The Faculty Notebook, April 2013

**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.

**Keywords**

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**Disciplines**

Library and Information Science | Scholarly Publishing

# The FACULTY Notebook

VOLUME XVIII, NO. 2

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## PUBLICATIONS

**Yasemin Akbaba, Associate Professor of Political Science**, with co-authors Zeynep Taydas and Minion K. C. Morrison, published "Did Secularism Fail? The Rise of Religion in Turkish Politics" in *Politics and Religion* 5.3 (2012): 528-554. Using the Turkish experience with political Islam, this study evaluates the explanatory value of Mark Juergensmeyer's "failed secularism" argument.

**John Beard, Visiting Assistant Professor of Women, Gender, and Sexuality Studies**, published "Public Displays of Asceticism: Holy Bishops and the Conversion of Gaul in the *Vita Sancti Martini*" in *Saintly Bishops and Bishops' Saints*, edited by John S. Ott and Trpimir Vedriš (Zagreb, Croatia: Hagiotheca Humaniora, 2012). My chapter addresses the ways that Sulpicius Severus's hagiography of Martin of Tours combines the role of ascetic and bishop, setting the standard for western Christianity, and explores the role this played in the conversion of Gaul.

**Michael Birkner, Professor of History and Benjamin Franklin Professor of Liberal Arts**, edited *Prosperity Far Distant: The Journal of an American Farmer, 1933-1934* (Athens: Ohio University Press, 2012). A recently minted Ivy League Ph. D in history, the author returned to his family's hard-scrabble chicken farm in southern Ohio and spent the better part of a year trying to help make the enterprise succeed in the eye of the Great Depression. It did not, but the diary provides a valuable window into understanding the challenges and frustrations of a farmer's life.

**Birkner** published "New Jersey in the Jacksonian Era, 1820-1850" in *New Jersey: A History of the Garden State*, edited by Maxine N. Lurie and Richard Veit (New Brunswick, NJ: Rutgers University Press, 2012). This book is the first modern scholarly history of New Jersey ever published. My contribution is one of ten essays examining different facets of the state's history, treating the demographic, economic, political, and social history of the state, from its earliest times to the present.

**Philip Bobko, Professor of Management**, with co-author Philip Roth, published "Reviewing, Categorizing, and Analyzing the Literature on Black-White Mean Differences for Predictors of Job Performance: Verifying Some Perceptions and Updating/Correcting Others" in *Personnel Psychology* (2012, early view online): 1-36. This article reviews and summarizes the literature on Black-White mean differences for some job performance predictors.

**Bobko**, with staff co-author **Heather Odle-Dusseau, Assistant Professor of Management**, and co-author Thomas W. Britt, published "Work-Family Balance, Well-Being, and Organizational Outcomes: Investigating Actual Versus Desired Work/Family Time Discrepancies" in *Journal of Business and Psychology* 27.3 (2012): 331-343. This article demonstrates how measuring discrepancies in time between actual and desired hours can enhance the measurement of work-family balance.

**Bobko**, with co-authors Philip Roth and Kristen Purvis, published “A Meta-Analysis of Gender Group Differences for Measures of Job Performance in Field Studies” in *Journal of Management* 38 (2012): 719-739. This article collates empirical literature in regard to male-female differences in work performance measures.

**Josef Brandauer, Assistant Professor of Health Sciences**, with co-authors Yasuko Manabe, Katja S. C. Gollisch, Laura Holton, Young-Burn Kim, Nobuharu L. Fuji, Michael F. Hirshman, and Laurie J. Goodyear, published “Exercise Training-Induced Adaptations Associated with Increases in Skeletal Muscle Glycogen Content” in *FEBS Journal* 280.3 (2012): 916-926. Findings from this study suggest that exercise training-induced increases in muscle glycogen content could be regulated by multiple mechanisms including enhanced insulin sensitivity, glycogen synthase expression, allosteric activation of glycogen synthase and protein phosphatase 1 activity.

**Brandauer**, with co-authors Steven J. Prior, Nathaniel T. Jenkins, Edward P. Weiss, and James M. Hagberg, published “Aerobic Exercise Training Increases Circulating Insulin-Like Growth Factor Binding Protein-1 Concentration, but Does Not Attenuate the Reduction in Circulating Insulin-Like Growth Factor Binding Protein-1 after a High-Fat Meal” in *Metabolism* 61.3 (2012): 310-316. Insulin-like growth factor binding protein-1 (IGFBP-1) has metabolic effects throughout the body, and its expression is regulated in part by insulin. High-circulating IGFBP-1 concentrations are inversely correlated with cardiometabolic diseases. With this study, we found that increases in IGFBP-1 concentrations after exercise training may be one mechanism by which exercise reduces risk for cardiometabolic diseases in older adults.

**Judith Brough, Professor Emerita of Education**, published “Building Effective Collaborative Leadership: Some Practicalities” in *The Middle Level Leader E-Newsletter*, posted at the site of the National Association of Secondary School Principals (2013). The article, aimed at principals of middle-level schools, presents practical strategies for developing a culture of collaborative leadership, one of the hallmarks of effective educational practices.

**A. Ralph Cavaliere, Professor Emeritus of Biology**, with co-author **Hanna Szczepanowska**, published “Conserving our Cultural Heritage: The Role of Fungi in Biodeterioration” in *Bioaerosols: Fungi, Bacteria, Mycotoxins in Indoor and Outdoor Environments and Human Health*, edited by E. Johannning, P. R. Morey, and P. L. Auger (Albany, NY: Fungal Research Group Foundation, Inc., 2012). Cultural heritage materials, especially treasured documents and artworks, are often destroyed by deterioration caused by the activities of fungi. This work discusses the problem and offers insight into the possible methods of remediation.

**Gary Ciocco, Adjunct Assistant Professor of Philosophy**, published “A Devil’s Trick of Opposites” in *The Rolling Stones and Philosophy: It’s Just a Thought Away*, edited by Luke Dick and George Reisch (Chicago, IL: Open Court Press, 2011). The article compares Saint Augustine’s life and philosophy to the themes expressed in the Rolling Stones’ “Sympathy for the Devil” and the controversy surrounding that song and the band.

**Laurel Cohen-Pfister, Associate Professor of German Studies**, published “Dragica Rajcic: Writing Women and War in the Margins” in *Poetry and Voice: A Book of Essays*, edited by Stephanie Norgate and Ellie Piddington (Newcastle, UK: Cambridge Scholars Publishing, 2013). This chapter applies the volume’s theme of poetry and voice to Dragica Rajcic’s war poetry. Here one finds the exile’s perspective on the violence, nationalism, and polarized gender roles that fed the war in her Balkan homeland in the 1990s.

**Bret Crawford, Associate Professor of Physics**, with staff co-author **Sharon Stephenson, Professor of Physics**, student co-author **Alex Showalter-Bucher ‘10**, and co-authors W. I. Furman, E. V. Lychagin, A. Yu. Muzichka, G. V. Nekhaev, E. I. Sharapov, V. N. Shvetsov, A. V. Strelkov, B. G. Levakov, A. E. Lyzhin, Yu. I. Chernukhin, C. R. Howell, G. E. Mitchell, and W.

Tornow, published “Experiment on Direct n-n Scattering—The Radiation-Induced Outgassing Complication” in *Nuclear Physics A* 895 (2012): 33-43. This is the latest paper on an international project to measure, for the first time, the interaction strength between free neutrons.

**Paul R. D’Agostino, Professor of Psychology**, with staff co-authors **Eric Noreen, Associate Professor of Health Sciences**, **Brian Meier, Associate Professor of Psychology**, **Abigail Scholer, Co-Director, Camp Psych, Office of Athletics**, and **Valerie Martin, Counselor, Office of Admissions**, and co-authors Daniel C. Molden and Chin Ming Hui, published “Motivational versus Metabolic Effects of Carbohydrates on Self-Control” in *Psychological Science* 23 (2012): 1137-1144. Four experiments examined the role of carbohydrate metabolization versus motivational mechanisms in boosting depleted self-control.

**Amy Dailey, Assistant Professor of Health Sciences**, with co-authors Babette A. Brumback, Zhuangyu Cai, Zhulin He, and Hao W. Zheng, published “Conditional Pseudolikelihood Methods for Clustered Ordinal, Multinomial, or Count Outcomes with Complex Survey Data” in *Statistics in Medicine* 32.8 (2013): 1325-1335. We apply a new method for clustered multinomial outcomes to survey data in order to investigate disparities in dental care, adjusting for confounding by neighborhood.

**Dailey**, with co-authors Babette A. Brumback and Hao W. Zheng, published “Adjusting for Confounding by Neighborhood Using Generalized Linear Mixed Models and Complex Survey Data” in *Statistics in Medicine* 32.8 (2013): 1313-1324. This paper proposes a new adaptation of generalized linear mixed models for complex survey data that achieves the goal of adjusting for confounding by unmeasured neighborhood-level covariates.

**Dailey**, with co-authors Babette A. Brumback and Hao W. Zheng, published “Adjusting for Confounding by Neighborhood Using a Proportional Odds Model and Complex Survey Data” in *American Journal of Epidemiology* 175.11 (2012): 1133-1141. In social epidemiology, an individual’s neighborhood is considered to be an important determinant of health behaviors, mediators, and outcomes. In this paper, the authors present a generalization of conditional logistic regression analysis for ordinal outcomes and complex sampling designs, based on a proportional odds model.

**Roy Dawes, Associate Professor of Political Science**, with co-author Hunter Bacot, published “Understanding Support for the War in Iraq during the Bush Years: Differences in Civilian and Military Opinion” in *The American Review of Politics* 34 (2013): 47-61. We examine relationships between military affiliation and support for the war in Iraq and support for President Bush in five southern states chosen because of their support of Republican presidents and concentration of military families. Using public opinion data, we disentangle the effects of race, military affiliation, age, and ideology on support for President Bush and his prosecution of the war. Of note are differences between civilians and military-affiliated respondents in support of the Iraq War. Incongruence is evident about the direction of the war effort between those who fought the war—members of the military—and those who managed most of the war—President Bush and his administration.

**Veronica Dexheimer, Adjunct Assistant Professor of Physics**, with staff co-author **Michael Strickland, Assistant Professor of Physics**, and co-author Debora P. Menezes, published “Bulk Properties of a Fermi Gas in a Magnetic Field” in *Physical Review D* 86 (2012): 125032-1-125032-15. In this paper we present a quantum field theory calculation of the bulk properties of an ensemble of spin one-half particles in the presence of a homogenous background magnetic field. We present explicit formulas appropriate at zero and finite temperature for both charged and uncharged particles including the effect of the anomalous magnetic moment.

**Dexheimer**, with co-authors Rodrigo Negreiros and Stefan Schramm, published “Hybrid Stars in a Strong Magnetic Field” in *European Physical Journal A* 48 (2012): 189. In this work the authors

study the effects of strong magnetic fields on the particle population and equation of state of hybrid stars using an extended hadronic and quark SU(3) non-linear realization of the sigma model. In this model the degrees of freedom change naturally from hadrons to quarks as the density and/or temperature increases.

**Suzanne J. Flynn, Associate Professor of English**, published “Theatre of the Mind: Hardy’s *The Dynasts* and the Question of Form” in *Upstage: A Journal of Turn-of-the-Century Theatre* 5 (2013). This essay analyzes Hardy’s rarely discussed epic drama, *The Dynasts*, especially in relation to trends in early twentieth-century drama. Hardy’s work is a hybrid of epic, drama, and lyric and was, at the time, thought to be unstageable.

**Peter Fong, Professor of Biology**, with student co-author **Nikolett Molnar (’07)**, published “Antidepressants Cause Foot Detachment from Substrate in Five Species of Marine Snail” in *Marine Environmental Research* 84 (2013): 24-30. Antidepressants such as Prozac released into the marine environment can have important consequences to aquatic organisms. This paper shows that four antidepressants can have potentially lethal effects by causing marine snails to detach from the substrate.

**Robert Garnett, Professor of English**, published *Charles Dickens in Love* (New York: Pegasus Books, 2012). This is a study of Charles Dickens’s love for three women and their influence on his life and fiction.

**Jeremy Garskof, Acquisitions Librarian, Musselman Library**, published “Monitoring Title Volatility in E-book Subscription Collections: Using Data to Enlighten Acquisition Decisions and Demystify Aggregator-Publisher Relationships,” *Musselman Library Publications*, Paper 10 (2012). This paper assesses title volatility in ebrary’s Academic Complete subscription collection. Title volatility (titles withdrawn and added) challenges assumptions about the cost and curation of ebook subscription collections. The research reveals higher-than-expected title volatility, examines volatility using publisher and MARC record data, and makes future projections.

**Tina Gebhart, Assistant Professor of Art and Art History**, published “TechnoFile: Viscosity” in *Ceramics Monthly* 60.10 (2012): 14-17. This article presents a reconceptualization of viscosity in ceramics and how ceramic rheology can be manipulated and utilized for diverse material effects.

**Darren Glass, Associate Professor and Chairperson of Mathematics**, with student co-author **Ryan Becker (’13)**, published “Pointless Hyperelliptic Curves” in *Finite Fields and their Applications* 21 (2013): 50-57. In this work, done as part of the Mellon Summer Scholars Program in the summer of 2011, Becker and Glass proved sufficient conditions for the existence of a hyperelliptic curve of a given genus that has no rational points over a given finite field. This work has applications in cryptography and coding theory.

**Nathalie Goubet, Associate Professor of Psychology**, with co-authors L. P. O’Sullivan and N. E. Berthier, published “L’atteinte de l’objet chez l’enfant né prématuré [Reaching for objects in prematurely born infants]” in *Enfance* 64 (2012): 25-34. This work tracked the development of reaching of infants born before term. Findings indicated that birth status led to different trajectories in reaching speed and quality.

**Allen Guelzo, Professor of History and Henry R. Luce Professor of Civil War Era Studies**, published “Lincoln and Leadership: An Afterword” in *Lincoln and Leadership: Military, Political, and Religious Decision Making* (New York: Fordham University Press, 2012). The contributors collectively remind readers that the Lincoln enshrined as the “Great Emancipator” and “savior of the Union” was, in life and practice, a work in progress. And they insist that “getting right with Lincoln” requires seeing the intersections of his—and America’s—military, political, and religious interests and identities.

**Louis Hammann, Professor Emeritus of Religious Studies**, published *Religion: A Mosaic* (Raleigh, NC: Lulu Press, 2012). Religious traditions of all varieties are “mosaics” that allow us to appreciate them as aspects of “the human continuum.” As such, they are best thought of not as “single homogeneous enterprises,” but as plural realities that assist us with our human efforts to make sense of our existence, as either solo or communal experience.

**Caroline Hartzell, Professor of Political Science and Globalization Studies**, with co-author Amy Yuen, published “The Durability of Peace” in *Guide to the Scientific Study of International Processes*, edited by Sara McLaughlin Mitchell, Paul F. Diehl, and James D. Morrow (West Sussex, UK: Wiley-Blackwell, 2012). The chapter evaluates recent empirical scholarship on the durability of the peace following interstate and intrastate wars.

**William Hathaway, Adjunct Associate Professor of English**, published *The Right No* (Shepherdstown, WV: Somondoco Press, 2012). This is a book of poems.

**Cassie Hays, Assistant Professor of Sociology**, published “Placing Nature(s) on Safari” in *Tourist Studies* 12.3 (2012): 249-267. This essay examines the use of automobile technologies—like the road, vehicle, and map—in the creation of place and nature on safari in Tanzania. Unlike destination-based tourism, safari, by definition, implies perpetual mobility. This historically layered process of continuous movement across and through specific landscapes defines the safari as a unique travel experience. Taking travel as performative and processual, this study investigates the role of various technologies of travel in the emplacement, erasure, traversal, and categorization of place on safari; the creation of a topology of safari places and natures by and for visitors; and local Maasai challenges to much of this place- and nature-making. This results in an “imbrication” of place, of the local and the official, of the deep and the superficial, such that the placing of safari spaces comes to be seen as a deeply dialectical, multisensory process involving multiple actors.

**Barbara Heisler, Professor Emerita of Sociology**, published *From German Prisoner of War to American Citizen: A Social History with 35 Interviews* (Jefferson, NC: McFarland Publishers, 2013). Among the millions of German immigrants to the United States, one group of post-World War II immigrants is unusual. They are former prisoners of war who spent between one and three years on American soil and returned voluntarily as immigrants after the war. Drawing on archival sources and in-depth interviews with 35 former prisoners who immigrated, the book outlines the conditions and circumstances that defined their unusual experiences and traces their journeys from captive enemies to American citizens. Although the respondents came from different backgrounds, and arrived in America at different times between 1943 and 1945, their experiences as prisoners of war not only left an indelible impression on their minds, they also provided them with opportunities and resources that helped them leave Germany behind and return to the place “where we had the good life.”

**Julia Hendon, Professor of Anthropology**, with co-editors Gallegos Gómora and Miriam Judith, edited *Localidad y Globalidad en el Mundo Maya Prehispánico e Indígena Contemporáneo: Estudios de Espacio y Género* (Colección Científica 578, Serie Arqueología) (Mexico City: Instituto Nacional de Antropología e Historia de Mexico, 2011). This book is a collection of research articles by scholars in Mexico, the United States, and Canada centering on the themes of gender, landscape, and the interplay between local and global, with global defined as the greater Mesoamerican Prehispanic world. In addition to editing the volume, I contributed a chapter based on my research in Honduras (“Identidad social y la vida cotidiana en el Período Clásico Terminal: Historia local y vínculos globales en el valle de Ulúa, Honduras”) and a summation of the volume’s papers (“Comentario final”).

**Hendon** published “Neighborhoods in Prehispanic Honduras: Exploring Settlement Patterns and Social Groupings within Sites or Regions” in *The Neighborhood as a Social and Spatial Unit in*

*Mesoamerican Cities*, edited by M. Charlotte Arnauld, Linda R. Manzanilla, and Michael E. Smith (Tucson: University of Arizona Press, 2012). This collection of research articles explores the ways that archaeologists can define the concept of neighborhood and apply it to archaeological remains. My contribution addresses these issues for the Prehispanic site of Cerro Palenque.

**Hendon** published “Objects as Persons: Integrating Maya Beliefs and Anthropological Theory” in *Power and Identity in Archaeological Theory and Practice: Case Studies from Ancient Mesoamerica*, edited by Eleanor Harrison-Buck (Salt Lake City: University of Utah Press, 2012). I discuss how the theoretical frameworks of several prominent anthropologists compare to indigenous concepts of personhood and identity. I emphasize the ways that inanimate objects are seen as persons and why such attribution makes sense in Mesoamerican philosophies of the self and anthropological theorizing about the self.

**Florence Journey, Associate Professor of French**, published “Violences Sexuelles et Reconstruction Identitaire au Féminin chez Gisèle Pineau” in *Antillanité, Créolité, Littérature-monde*, edited by Isabelle Constant, Kahiudi C. Mabana, and Philip Nanton (Newcastle, UK: Cambridge Scholars Publishing, 2013). This collection of essays explores concepts present in literatures in French that, since the 2007 manifesto, more and more critics, suspicious of the term Francophonie, now prefer to designate as *littérature-monde* (world literature). The book shows how the three movements of *antillanité*, *créolité*, and *littérature-monde* each in its own way breaks with the past and distances itself from the hexagonal center. The critics in this collection show how writers seek to represent an authentic view of their history, culture, identities, reality, and diversities. According to many of the contributors, creolization and *littérature-monde* offer new perspectives and possibly a new genre of literature.

**Alvaro Kaempfer, Associate Professor of Spanish and Latin American Studies**, published “Ocupación de Cuerpos y Ciudades en Blest Gana” in *Chile Urbano: La Ciudad en la Literatura y el Cine*, edited by Magda Sepúlveda Eriz (Santiago: Editorial Cuarto Propio, 2013). My approach to one of Alberto Blest Gana’s historical novels underlines the violent collision of narratives of liberation and organization over a nineteenth-century city in transition. My main concern is the construction of women as inscription of collateral damage in a war as much as a body to negotiate the settlement of a new public order to overcome, precisely, the consequences of war.

**Benjamin Kennedy, Assistant Professor of Mathematics**, published “A State-Dependent Delay Equation with Negative Feedback and ‘Mildly Unstable’ Rapidly Oscillating Periodic Solutions” in *Discrete and Continuous Dynamical Systems Series B* 18.6 (2013): 1633-1650. In this paper, Kennedy describes a family of state-dependent delay equations and assesses the stability of certain “rapidly oscillating” periodic solutions.

**Ryan Kerney, Assistant Professor of Biology**, with co-authors Allison Brittain, Brian K. Hall, and Daniel Buchholz, published “Cartilage on the Move: Cartilage Lineage Tracing during Tadpole Metamorphosis” in *Development Growth and Differentiation* 54 (2012): 739-752. This project explores the unique behaviors of cells during metamorphosis in frogs. We used genetic modifications to label cartilage-forming cells with jellyfish proteins in transgenic tadpoles.

**Kerney**, with co-authors David Blackburn, Hendrik Müller, and James Hanken, published “Do Larval Traits Re-Evolve? Evidence from the Embryogenesis of a Direct-Developing Salamander (*Plethodon cinereus*)” in *Evolution* 66 (2012): 252–262. We were able to explore a difficult question in evolutionary biology by investigating the development of a local salamander, the eastern red-back. Our project showed that vestigial structures can transform into useful structures within an evolutionary lineage.

**Martin Kley, Assistant Professor of German Studies**, published “Mexico and Weimar’s Anti-Authoritarian Socialist Imagination: Storytelling, Working, and ‘Unworking’ in B. Traven”



in *Modern Language Studies* 41.2 (2012): 10-35. This article analyzes how anarchist writer B. Traven's popular Mexican novels offered a large German readership an alternative way of thinking about labor that went beyond the dominant paradigms of Americanism and Bolshevism. The original approach of the article lies in its contention that Traven strives to be a storyteller in the sense elaborated by Walter Benjamin around the same time, a figure intimately tied to the very same pre-industrial world Traven's writing arguably celebrates.

**Kley** published "Kennt Kultur keine Kurzarbeit? Representing Work and Worklessness in Contemporary German Literature" in *Seminar* 47.4 (2011): 404-416. This article is about the changing world of German work and the conceptual difficulties of understanding new social realities, both for social scientists and literary authors.

**Bruce Larson, Associate Professor of Political Science**, with co-author Eric S. Heberlig, published *Congressional Parties, Institutional Ambition, and the Financing of Majority Control* (Ann Arbor: University of Michigan Press, 2012). This book examines the growing relationship between campaign fundraising, congressional organization, and advancement to leadership positions in the U.S. Representatives. We demonstrate that incumbent fundraising increasingly accounts for advancement within party and committee leadership hierarchies in the U.S. House.

**Ariel M. Lelchook, Assistant Professor of Management**, with co-authors James E. Martin, Robert R. Sinclair, Jenell L. S. Wittmer, and Kristen E. Charles, published "Nonstandard Work Schedules and Retention in the Entry-Level Hourly Workforce" in *Journal of Occupational and Organizational Psychology* 85.1 (2012): 1-22. This article is based on research examining employees with work schedules that include weekend, evening, and night shifts, and how these nonstandard schedules relate to employee turnover.

**Lelchook**, with co-authors Marcus Dickson, Mary Sully de Luque, and Paul Hanges, published "Project GLOBE: Global Leadership and Organizational Behavior Education" in *The Handbook for Teaching Leadership*, edited by Nitin Nohria, Rakesh Khurana, and Scott Snook (Thousand Oaks, CA: SAGE Publications, 2012). This chapter focuses on using information from Project GLOBE (Global Leadership and Organizational Behavior Effectiveness) to teach leadership in a global context.

**Laurence Marschall, Professor of Physics**, with co-authors W. P. Chen, S. C.-L. Hu, R. Errmann, Ch. Adam, A. Baar, A. Berndt, L. Bukowieki, D. P. Dimitrov, T. Eisenbeiss, S. Fiedler, Ch. Ginski, C. Graefe, J. K. Guo, M. M. Hohler, H. Y. Hsiao, R. Janulis, M. Kitze, H. C. Lin, C. S. Lin, G. Maciejewski, C. Marka, M. Moualla, M. Mugrauer, R. Neuhaeuser, T. Pribulla, St. Raetz, T. Roell, F. Schmidt, J. Schmidt, T. O. B. Schmidt, M. Seeliger, L. Trepl, C. Briceno, R. Chini, E. L. N. Jensen, E. H. Nikogossian, A. K. Pandey, J. Sperauskas, H. Takahashi, F. M. Walter, Z.-Y. Wu, and X. Zhou, published "A Possible Detection of Occultation by a Proto-Planetary Clump in GM Cephei" in *Astrophysical Journal* 751 (2012): 118-122. This is a report on observations of the light changes of a variable star by a collaboration of observations that are monitoring stars looking for evidence of planets outside the solar system. In this case, the observations indicate a clump of material orbiting a star that may be a planet in the process of formation.

**Lydia Wilson Marshall, Visiting Assistant Professor of Anthropology**, published "Spatiality and the Interpretation of Identity Formation: Fugitive Slave Community Creation in Nineteenth-Century Kenya" in *African Archaeology Review* (2012): DOI 10.1007/s10437-012-9117-9. Currently available online, this peer-reviewed article will be published in the journal's December print issue.

**Valerie Martin, Counselor, Office of Admissions**, with staff co-authors **Brian Meier, Associate Professor of Psychology, Eric Noreen, Associate Professor of Health Sciences, Paul R. D'Agostino, Professor of Psychology, and Abigail Scholer, Co-Director, Camp Psych, Office of Athletics**, and co-authors Daniel C. Molden and Chin Ming Hui, published

“Motivational versus Metabolic Effects of Carbohydrates on Self-Control” in *Psychological Science* 23 (2012): 1137-1144. Four experiments examined the role of carbohydrate metabolism versus motivational mechanisms in boosting depleted self-control.

**Russell McCutcheon, Assistant Professor of Music and Director of Bands, Sunderman Conservatory of Music**, recorded *Cochran Chamber Commissioning Series, Volume 1* (Mark Masters 9976-MCD) as conductor of the Atlantic Chamber Winds. This recording features the music of Adam Gorb, Shelley Hanson, Daniel Kallman and Clark McAlister.

**McCutcheon** published “Dragon Rhyme by Chen Yi” in *Teaching Music Through Performance in Band, Vol. 9*, edited by Richard Miles (Chicago: GIA Publications, 2012). This is an analysis of “Dragon Rhyme,” a major new composition for wind band by composer Chen Yi.

**Devin McKinney, Archives Assistant, Musselman Library**, published *The Man Who Saw a Ghost: The Life and Work of Henry Fonda* (New York: St. Martin’s Press, 2012). This critical biography is the first major study of the iconic actor.

**Brian Meier, Associate Professor of Psychology**, with co-authors Simone S. Schnall, Norbert Schwarz, and John A. Bargh, published “Embodiment in Social Psychology” in *Topics in Cognitive Science* 4 (2012): 705-716. This paper examines embodiment theory and its application in social psychology. We present a critical discussion of the trajectory of embodiment research as well as provide important questions that can guide future research.

**Meier**, with co-authors Adam K. Fetterman and Michael D. Robinson, published “Anger as Seeing Red: Evidence for a Perceptual Association” in *Cognition and Emotion* 26 (2012): 1445-1458. Two experiments revealed that the color red facilitated the conceptualization of anger. Such findings are consistent with embodied theories of emotion processing.

**Meier**, with co-authors Ulrich W. Weger, Nic Hooper, and Timothy Hopthrow, published “Mindful Maths: Reducing the Impact of Stereotype Threat through Mindfulness Exercise” in *Consciousness and Cognition* 21.1 (2012): 471-475. A mindfulness (versus control) induction task reduced the impact of stereotype threat on women’s math performance.

**Meier**, with staff co-authors **Eric Noreen, Associate Professor of Health Sciences, Paul R. D’Agostino, Professor of Psychology, Abigail Scholer, Co-Director, Camp Psych, Office of Athletics, and Valerie Martin, Counselor, Office of Admissions**, and co-authors Daniel C. Molden and Chin Ming Hui, published “Motivational versus Metabolic Effects of Carbohydrates on Self-Control” in *Psychological Science* 23 (2012): 1137-1144. Four experiments examined the role of carbohydrate metabolism versus motivational mechanisms in boosting depleted self-control.

**Kaoru Miyazawa, Assistant Professor of Education**, published “Kokkyo wo koete omoi wo tsutaeru: Seikatsu tsudurikatata kyoiku to mekishiko kei imin no kodomotachi [Sending a Message across the Border: Life Experience Writing and Children of Mexican Immigrants]” in *Sakubun To Kyoiku [Literacy and Education]* 796 (2013): 22-31. This article focuses on how the principles of Seikatsu Tsuzurikata Kyoiku (Life Experience Writing Education) can assist understanding literacy practices of migrant children in Pennsylvania.

**Miyazawa** published “Dreaming and Surviving in Heterotopia: First-Generation Immigrant Girls’ Pursuit of the American Dream in New York City” in *Taboo: The Journal of Culture and Education* 1 (2013): 63-76. This paper analyzes experiences of first-generation immigrant girls in a new comer school using Foucault’s notions of heterotopia.

**Salma Monani, Assistant Professor of Environmental Studies**, with co-editors Stephen Rust and Sean Cubitt, edited *Ecocinema Theory and Practice* (New York: Routledge, 2012). I

also contributed the chapter “Environmental Film Festivals: Beginning Explorations at the Intersections of Film Festivals and Ecocritical Studies,” which draws ecocritical attention to an understudied site, environmental film festivals. I employ public sphere theory to articulate how environmental film festivals fall within a three end-member terrain—the public sphere festival; the alternative public sphere festival; and the trade-show festival. In fitting within this terrain, individual film festivals have unique strategies for engaging the public and stimulating environmental involvement. These strategies take a variety of attitudes toward existing socioeconomic systems—some complicit, some oppositional—and deserve continued critical attention.

**Todd Neller, Associate Professor and Chairperson, Department of Computer Science**, with student co-author **Steven Hnath '12**, published “Approximating Optimal Dudo Play with Fixed-Strategy Iteration Counterfactual Regret Minimization” in *Advances in Computer Games, 13th International Conference (LNCS 7168, ACG 2011)*, edited by H. Jaap van den Herik and Aske Plaat (Tilburg, The Netherlands: November 20-22, 2011); *Revised Selected Papers* (Springer: 2012). Neller and Hnath were the first to compute approximately optimal strategy for the full two-player game of Dudo, a 15th century Inca bluffing dice game that remains popular today. After reducing over 290 quintillion information sets to less than 22 million abstract information sets using imperfect recall of actions, the standard Counterfactual Regret Minimization (CFR) algorithm still proved impractical for Dudo, with the number of recursive visits to the same information sets increasing exponentially with the depth of the game graph. By holding strategies that were fixed across each training iteration, we developed a new algorithm that transforms CFR training iterations from an exponential-time recursive algorithm into a polynomial-time dynamic-programming algorithm, making computation of an approximate Nash equilibrium for the full two-player game of Dudo possible for the first time.

**Eric Noreen, Associate Professor of Health Sciences**, with staff co-author **Josef Brandauer, Assistant Professor of Health Sciences**, published “The Effects of Supplemental Fish Oil On Blood Pressure and Morning Cortisol in Normotensive Adults: A Pilot Study” in *Journal of Complementary and Integrative Medicine* 9.1 (2012). Our study found that six weeks of supplementation with fish oil significantly decreased systolic blood pressure in normotensive adults, and that this change was not significantly correlated with a reduction in salivary cortisol.

**Noreen**, with staff co-authors **Brian Meier, Associate Professor of Psychology**, **Paul R. D’Agostino, Professor of Psychology**, **Abigail Scholer, Co-Director, Camp Psych, Office of Athletics**, and **Valerie Martin, Counselor, Office of Admissions**, and co-authors Daniel C. Molden and Chin Ming Hui, published “Motivational versus Metabolic Effects of Carbohydrates on Self-Control” in *Psychological Science* 23 (2012): 1137-1144. Four experiments examined the role of carbohydrate metabolism versus motivational mechanisms in boosting depleted self-control.

**Heather Odle-Dusseau, Assistant Professor of Management**, with co-authors H. A. Herleman, T. W. Britt, D. D. Moore, C. A. Castro, and D. McGurk, published “Family-Supportive Work Environments and Psychological Strain: A Longitudinal Test of Two Theories” in *Journal of Occupational Health Psychology* 18.1 (2013): 27-36. This research showed that not only can perceptions of family-supportive work environments predict later reports of psychological strain in a military sample after returning from combat, but also that experiences of psychological strain can predict later perceptions of family-supportive work environments. These results suggest the importance of understanding the work-family interface from a reciprocal, systems-based perspective.

**Monica Ogra, Associate Professor of Environmental Studies**, published “Gender and Community-Oriented Wildlife Conservation: Views from Project Supervisors in India” in *Environment, Development, and Sustainability* 14.2 (2012): 407-424. This article is the result of RPD-funded research about the ways in which conservation professionals in India conceptualize

(and sometimes act upon) their notions of “gender” in the context of community-based wildlife conservation.

**Voon Chin Phua, Associate Professor and Chairperson of Sociology**, with student co-authors **Allison T. Serina ('13)** and **Molly Hall ('09)** and co-author Desiree Ciambrone, published “Swinging around Stigma: Gendered Marketing of Swingers’ Websites” in *Sexuality and Culture* 17 (2013): 348-359. In this paper, we are interested in how websites promote themselves and manage such a stigmatized activity.

**Rutherford Platt, Associate Professor and Coordinator of Environmental Studies**, with student co-author **Jonathan Walter ('10)**, published “Multi-Temporal Analysis Reveals that Predictors of Mountain Pine Beetle Infestation Change during Outbreak Cycles” in *Forest Ecology and Management* (in press). This research began as Jon Walter’s senior honors thesis (ES460 project). After his graduation, Jon and I continued to work on the project. Jon is now working on a Ph.D. in ecology at University of Virginia.

**Lisa Portmess, Professor of Philosophy**, published “Mobile Knowledge, Karma Points and Digital Peers: The Tacit Epistemology and Linguistic Representation of MOOCs” in *The Canadian Journal of Learning and Technology* 39.2 (2013): 1-8. The article reflects on massive online open courses (MOOCs) and their social and political significance.

**Dave Powell, Assistant Professor of Education**, with co-authors Todd Dinkelman, Alexander Cuenca, Brandon Butler, Charles Elfer, Jason Ritter, and Todd Hawley, published “The Influence of a Collaborative Doctoral Seminar on Emerging Teacher Educator-Researchers” in *Action in Teacher Education* 34.2 (2012): 172-190. This paper explored the impact of a doctoral induction seminar taken over several years on the emergence of each author’s identity as a teacher educator and researcher. We concluded that the seminar was pivotal in our development, both collectively and as individuals.

**Powell** published “Confusing Achievement with Aptitude” in *Education Week* 32.14 (2012): 26-27, 29. This article offers a comment on the prevalence of standardized testing in public schools, describing how the negative effects of testing can leave a lasting impact on the school performance of kids—especially if too much weight is given to individual test scores.

**Joseph Radzevick, Assistant Professor of Management**, with co-authors Bill McEvily and Roberto A. Weber, published “Whom Do You Distrust and How Much Does It Cost? An Experiment on the Measurement of Trust” in *Games and Economic Behavior* 74.1 (2012): 285-298. This paper advances the measurement of trust in two ways. It highlights the importance of identifying the target of trust (especially for achieving consistency between different trust measures) and introduces a new behavioral measure of distrust.

**Radost Rangelova, Assistant Professor of Spanish**, published “Writing Words, Wearing Wounds: Race and Gender in a Puerto Rican Neo-Slave Narrative” in *Tinkuy: Boletín de Investigación y Debate* 18 (2012): 167-176. This article engages the concept of neo-slave narrative in the study of the recent literature produced by Puerto Rican women authors. It analyzes Puerto Rican author Mayra Santos-Febres’s novel *Fe en disfraz* as a modern subversive slave narrative that inverts racial and gender hierarchies, and critiques contemporary Caribbean white male privilege that the author traces back to the Atlantic slave trade.

**Michael Ritterson, Emeritus Professor of German Studies**, published four poems translated from the German of **Utz Rachowski, Writer-in-Residence** in Spring 2012, in *Reunion: The Dallas Review* 2 (2012): 106-115. These poems were written at the conclusion of a visit to the US in 2008 and reflect Rachowski’s observations on poverty, freedom, slavery, and conflict in the US and West Africa.

Ritterson's translations of two poems by Rachowski—"Mein Lieblingstier" / "My Favorite Animal" and "Letzter Brief von Hamlet" / "Final Letter from Hamlet"—were published in *Seminary Ridge Review* 15.1 (2012): 140-147. This issue also includes a profile of Rachowski, focusing on his earlier creative life under a repressive system and his continuing efforts to rebuild a free and humane society in unified Germany.

Ritterson's translation of a poem by Rachowski—"Kreuzberg" / "Calvary"—was published in *SAND: Berlin's English Literary Journal* 6 (2012): 48-49. Rachowski's "Kreuzberg," first published in 1995, appears here in English translation surrounded by the work of much younger talents.

Richard Russell, Assistant Professor of Psychology, with co-authors Garga Chatterjee and Ken Nakayama, published "Developmental Prosopagnosia and Super-Recognition: No Special Role for Surface Reflectance Processing" in *Neuropsychologia* 50 (2012): 334-340. We found evidence contradicting the notion that face recognition ability is linked to the ability to perceive surface reflectance information.

Abigail Scholer, Co-Director, Camp Psych, Athletics Office, with staff co-authors Brian P. Meier, Associate Professor of Psychology, Eric Noreen, Associate Professor of Health Sciences, Paul D'Agostino, Professor of Psychology, and Valerie Martin, Counselor, Office of Admissions, with co-authors Daniel C. Molden and Chin Ming Hui, published "Motivational versus Metabolic Effects of Carbohydrates on Self-Control" in *Psychological Science* 23 (2012): 1137-1144. Four experiments examined the role of carbohydrate metabolism versus motivational mechanisms in boosting depleted self-control.

Stephanie Sellers, Adjunct Assistant Professor of English and Women, Gender, and Sexuality Studies and Director, Women's Center, published "Native Professor" and "Blood Politics" in *Native Literatures: Generations* 2.1 (2011). These creative works are part of a larger collection titled *Memoir of a Mixed Blood Daughter*. *Native Literatures: Generations* (NLG) is dedicated to providing a global forum for original works of literature by writers from the indigenous nations of North America and Hawai'i.

Megan Adamson Sijapati, Assistant Professor of Religious Studies, published "Mawdudi's Islamic Revivalist Ideology and the Islami Sangh Nepal" in *Studies in Nepali History and Society* 17.1 (2012): 41-61. This essay examines the ideological influence that the renowned Pakistani Islamic revivalist thinker Syyed Abul Ala Mawdudi (1903-1979) has had upon Nepal's most influential Islamic Revivalist organization, Islami Sangh Nepal, particularly in terms of the role of religious knowledge in the promotion of personal and collective identity. Mawdudi's foundational role in the formation of what is now a global Islamic revival is well documented. Less understood, however, is the way in which Mawdudi's ideology has shaped local identity movements and religious dispositions within Muslim minorities. This essay examines the nature and significance of Mawdudi's salience for Nepal's Islami Sangh Muslims. It aims to illustrate the ways in which Mawdudi's ideology speaks directly to this group of Muslims who are navigating the complex ideological and activist worlds of global Islam from a local setting of political and social transition.

Dustin Beall Smith, Visiting Assistant Professor of English, published an essay titled "being [t]here" in *You: An Anthology of Essays Devoted to the Second Person* (Welcome Table Press, 2013). This second-person essay investigates the vagaries of libido.

Sharon Stephenson, Professor and Chairperson of Physics, with staff co-author Bret Crawford, Associate Professor of Physics, student co-author Alex Showalter-Bucher '10, and co-authors W. I. Furman, E. V. Lychagin, A. Yu. Muzichka, G. V. Nekhaev, E. I. Sharapov, V. N. Shvetsov, A. V. Strelkov, B. G. Levakov, A. E. Lyzhin, Yu. I. Chernukhin, C. R. Howell, G. E. Mitchell, and W. Tornow, published "Experiment on Direct n-n Scattering: The Radiation-Induced

Outgassing Complication” in *Nuclear Physics A* 895 (2012): 33-43. This is the latest paper on an international project to measure, for the first time, the interaction strength between free neutrons.

**Stephenson** published “Where Her Mind Is” in *real: stories true*, edited by Matt Potter (Raleigh, NC: Pure Slush/Lulu Press, 2012). This book is a collection of nonfiction essays, all based upon the theme of reality.

**Stephenson**, with co-authors Z. Kohley, J. Snyder, T. Baumann, G. Christian, P. A. DeYoung, J. E. Finck, R. A. Haring-Kaye, M. Jones, E. Lunderberg, B. Luther, S. Mosby, A. Simon, J. K. Smith, A. Spyrou, S. L. Stephenson, and M. Thoennessen, published “Unresolved Question of the  $^{10}\text{He}$  Ground State Resonance” in *Physical Review Letters* 109 (2012): 232501-1–232501-5. This work looks at nuclear structure in what we nuclear physicists call an exotic nucleus. During an experiment at the National Superconducting Cyclotron Laboratory, my collaboration created  $^{10}\text{He}$  nuclei—each  $^{10}\text{He}$  nucleus has not only the two protons and two neutrons it usually has in its most stable form, but an additional eight more neutrons. Such a nucleus is highly unstable, short-lived, and full of information about the structure of this type of matter.

**Eileen Stillwaggon, Professor of Economics**, with co-author Larry Sawers, published the chapter “Power, Race, and the Neglect of Science: The HIV Epidemics in Sub-Saharan Africa” in *Ecologies and Politics of Health*, edited by Brian King and Kelley Crews (London: Routledge, 2012). This work addresses racial stereotyping and the effect it has in distorting AIDS policy for sub-Saharan Africa.

**Michael Strickland, Assistant Professor of Physics**, with co-authors W. Florkowski and R. Ryblewski, published “Chromoelectric Oscillations in a Dynamically Evolving Anisotropic Background” in *Physical Review D* 86 (2012): 085023. In this paper, Dr. Strickland and collaborators derive and solve the equations necessary to describe the oscillators of a chromoelectric field in an expanding quark gluon plasma.

**Strickland**, with staff co-author **Veronica Dexheimer, Research Fellow in Physics**, and co-author Deborah P. Menezes, published “Bulk Properties of a Fermi Gas in a Magnetic Field” in *Physical Review D* 86 (2012): 125032. In this paper we present a quantum field theory calculation of the bulk properties of an ensemble of spin one-half particles in the presence of a homogenous background magnetic field. We present explicit formulas appropriate at zero and finite temperature for both charged and uncharged particles including the effect of the anomalous magnetic moment.

**Kristin Stuempfle, Professor and Co-Chairperson of Health Sciences**, with co-authors Martin D. Hoffman and Tamara Hew-Butler, published “Association of Gastrointestinal Distress in Ultramarathoners with Race Diet” in *International Journal of Sport Nutrition and Exercise Metabolism* 23 (2013): 103-109. Gastrointestinal distress during ultrarunning is a common problem that can significantly impact performance. This study identified factors in a runner’s race diet that may result in gastrointestinal signs and symptoms.

**Stuempfle**, with co-authors Martin D. Hoffman, Ian R. Rogers, Louise B. Weschler, and Tamara Hew-Butler, published “Hyponatremia in the 2009 161-km Western States Endurance Run” in *International Journal of Sports Physiology and Performance* 7 (2012): 6-10. Hyponatremia (low blood sodium) is a potentially life-threatening electrolyte disorder that can affect individuals participating in prolonged physical activity. This paper documents the incidence of hyponatremia in the premier 100-mile running race in the United States.

**Brent Talbot, Assistant Professor of Music Education in the Sunderman Conservatory of Music**, published *Finding a Way: Discourse Analysis of Music Transmission in Gamelan Eka Sruti Illini and Implications for Music Education* (Saarbrücken, Germany: Lambert

Academic Publishing, 2012). Extending approaches in music education and ethnomusicology, Talbot outlines a theoretical and methodological approach for analyzing discourse in settings of music transmission that takes into consideration who we are, what we do, and how we do it. By analyzing acts of speech as well as cultural objects (such as instruments and mallets) and concepts (such as conducting gestures or solfege syllables) used as mediational means in situ, Talbot reveals how discursive sources of power dominance, inequality, and bias are initiated, perpetuated, (re) produced, and transformed in sites of music transmission. By engaging in this type of research, Talbot suggests we may develop a more flexible way of understanding and visioning music education—one that blurs boundaries between musics, ways of knowing music, and spaces where musicking takes place.

**Christin Taylor, Adjunct Assistant Professor of English**, published *Shipwrecked in L.A.: Finding Meaning and Purpose When Your Dreams Crash* (Indianapolis, IN: Wesleyan Publishing House, 2013). This book is a work of creative nonfiction lined with research about young adult identity development. It tells the story of my personal shipwreck after moving to Los Angeles to work in the film industry.

**Ryan Teitman, Emerging Writer and Lecturer, Department of English**, published *Litany for the City* (Rochester, NY: BOA Editions, 2012). This is my first collection of poetry. It was chosen by Jane Hirshfield for the A. Poulin Jr. Poetry Prize.

**Kerry Wallach, Assistant Professor of German Studies**, published “Was auf dem (jüdischen) Spiel stand: Die Preisausschreiben der jüdischen Presse in der Weimarer Republik [What Was at Stake (for the Jews): The Prize Contests of the Jewish Press in the Weimar Republic]” in *Nicht nur Bildung, nicht nur Bürger: Juden in der Populärkultur*, edited by Klaus Hödl (Innsbruck, Austria: StudienVerlag, 2013). This essay explores a form of mass popular culture particular to readers of German-Jewish periodicals in the 1920s and early 1930s. Jewish-themed prize contests provided readers with the opportunity to participate in entertaining, lighthearted Jewish projects and thereby lend public support to various German-Jewish communities.

**Kerry Walters, William Bittinger Professor of Philosophy**, with co-author Robin Jarrell, published *Blessed Peacemakers: 365 Extraordinary People Who Changed the World* (Eugene, OR: Wipf and Stock, 2013). This book is a discussion and celebration of 365 peacemakers, one for each day of the year. Profiles cut across historical periods, cultures, and religions, including men, women, and children who labor for nonviolence between humans and between humans and the environment.

**Charles Weise, Professor of Economics**, published “Political Pressures on Monetary Policy during the US Great Inflation” in *American Economic Journal: Macroeconomics* 4.2 (2012): 33-64. This is a historical and empirical analysis of the Federal Reserve’s motivations in conducting monetary policy during the 1970s. I find that the Fed allowed inflation to rise because there was no political support for the measures—raising interest rates and risking recession—necessary to bring inflation under control.

**Charles Wessell, Assistant Professor of Mathematics**, with co-author Carl D. Meyer, published “Stochastic Data Clustering” in *SIAM Journal on Matrix Analysis & Applications* 33.4 (2012): 1214-1236. This paper takes a method developed by Herbert Simon and Albert Ando for studying the long-term behavior of dynamical systems and adapts it for use in data clustering. This adaptation leads to a robust algorithm for combining different data clustering results to form a single clustering.

**Andrew Wilson, Visiting Assistant Professor of Environmental Studies**, with co-author Margaret Brittingham, published “Initial Response of Bird Populations to Conservation Grasslands in Southern Pennsylvania” in *Journal of Soil and Water Conservation* 67.1 (2012): 59-

67. This study examined whether bird populations in Pennsylvania have responded to conservation actions delivered through a Federal conservation program. We found mixed responses, with some species increasing, while others continued long-term population declines.

**Wilson**, with Daniel W. Brauning and Robert S. Mulvihill, co-edited the *Second Atlas of Breeding Birds in Pennsylvania* (University Park, PA: Pennsylvania State University Press, 2012). The culmination of a 10-year collaborative effort involving many state agencies, academic institutions and NGOs, this 612-page atlas, based on the fieldwork of 2,000 birdwatchers, provides details on the status and distribution of the Commonwealth's 190 breeding bird species. In addition to co-editing, Wilson wrote or co-wrote six entries: "The Geography of Pennsylvania" (with Bernd J. Haupt); "Habitats and Habitat Change" (with Joseph Bishop and Margaret Brittingham); "Analytical Methods"; "Coverage and Results" (with Daniel W. Brauning); and "Interpreting Species Accounts" (with Brauning).

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## REVIEWS

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**Marie-Jo Binet, Associate Professor of French**, published a review of the book *Jean-Pierre and Luc Dardenne* by Joseph Mai (Urbana: University of Illinois Press, 2010) in *The French Review* 85.3 (2012): 614. A thorough and lively study of the Dardenne brothers' journey, this book traces the directors' engagement and remarkable work from the 1990s to today. Clearly informed by their political social consciousness, the Dardennes were first involved in the theater world of Armand Gatti. Their films have an enormous impact on spectators' senses through the use of suffocating close-ups, dense and overly present objects, and the decentralization of one's visual perceptions that arouse the sense of touch. As disciples of Levinas, the Belgian brothers make films that efficiently transform the theater into an ethical space.

**Binet** published a review of the film *Les Mains Libres* in *The French Review* 85.4 (2012): 741. In this development of an earlier short, *L'endroit Ideal* (2008), director Brigitte Sy creates her film through a series of interviews with prison inmates as well as through the personal experience that emerges over the course of these conversations. The review explains how the film's architecture and techniques take the spectator into a labyrinth of emotional and social issues that ultimately leads to unexpected liberation.

**Binet** published a review of the film *Le Havre* in *The French Review* 86.1 (2012): 168. This is the second film made in France by Finnish director Aki Kaurismaki, and it is linked to the first, *La Vie de Boheme*, through the same actor in the main role. This time, Marcel Marx finds himself in a world that is both ancient and contemporary. The review explains how the film cleverly plays with European and African cultural memory while simultaneously addressing the contemporary issue of refugees.

**Janet M. Powers, Professor Emerita of Interdisciplinary Studies and Women, Gender and Sexuality Studies**, has published three reviews dealing with various aspects of the Islamic world. Her review of Ahmed Souaiaia's *Contesting Justice: Women, Islam, Law and Society* appeared in *Religion* 41.3 (2011): 487-489. Her review of Dhillon and Yousef's *Generation in Waiting: The Unfulfilled Promise of Young People in the Middle East* was published in *Peace Review* 23:4 (2011): 572-575. Her review of Kelly Pemberton's *Women Mystics and Sufi Shrines in India* was published at Taylor & Francis Online, March 25, 2013. The reviews pertain to Shari'a law and its impact on women, the high level of education combined with unemployment among young people in the Middle East, and women's roles in Sufism.



**Kerry Wallach, Assistant Professor of German Studies**, published a review of the book *Gender and Jewish History* by Marion A. Kaplan and Deborah Dash Moore (Bloomington: Indiana University Press, 2011) in *Journal of Modern Jewish Studies* 11.3 (2012): 447-450. This important interdisciplinary volume serves as a *Festschrift* for historian Paula Hyman; the review focuses on innovative essays dealing with gender and class within Jewish Studies.

**Wallach** published a review of the book *Traditionen jüdischen Denkens in Europa* by Sibylle Schönborn, Karl Ivan Solibakke, and Bernd Witte (Berlin: Erich Schmidt, 2012) in *The German Quarterly* 86.1 (2013): 103-104.

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## PROFESSIONAL PAPERS OR PRESENTATIONS

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**Rimvydas Baltaduonis, Assistant Professor of Economics**, gave a presentation titled “Feedback Effects in Retail Electricity Markets” at the Antigua Experimental Economics Conference, Antigua, Guatemala, October 25-27, 2012. The presentation discussed alternative approaches for introducing and implementing demand-side management programs designed to increase the efficiency of retail electricity markets and improve the management of cyclical electricity demand.

**Baltaduonis** gave a Joint Institute for Strategic Energy Analysis (JISEA) brown-bag presentation entitled “How Experimental Economics Can Inform the Design and Governance of Power Markets” at the National Renewable Energy Laboratory (NREL) of the U.S. Department of Energy, Golden, CO, February 28, 2013. Baltaduonis shared his latest research that uses laboratory economics experiments to study the performance of energy markets.

**Baltaduonis** delivered invited lectures titled “Strategic Behavior in Smart Markets with Avoidable Fixed Costs” for the Digital Energy Seminar of the Interdisciplinary Telecommunication Program, University of Colorado-Boulder, Boulder, CO, March 11, 2013; and for the “Seminar Series” of the Division of Economics and Business, Colorado School of Mines, Golden, CO, March 29, 2013. Baltaduonis discussed experimental evidence regarding the performance of three types of auctions relevant to wholesale electric power markets when avoidable fixed costs are significant.

**Abou B. Bamba, Assistant Professor of History and Africana Studies**, presented a paper titled “The (Trans)nationalism of Decolonization: The 1958 Referendum and the End of Empire in French West Africa” at the Southeast World History Association (SEWHA) Conference, Atlanta, GA, October 18-20, 2012. The presentation argued that historians of twentieth-century decolonization need to move beyond national historical frames to understand the end of empire in French West Africa.

**Zach Coble, Systems and Emerging Technologies Librarian, Musselman Library**, presented a paper titled “Launching an Institutional Repository and Library Publishing Platform with Digital Commons,” written with staff co-authors **Carolyn Sautter, Director of Special Collections & College Archives**, and **Janelle Wertzberger, Director of Reference and Instruction**, at the Annual Conference of the Pennsylvania Library Association (PaLA), Gettysburg, PA, September 30-October 3, 2012. The presentation focused on The Cupola, Gettysburg College’s institutional repository for faculty publications and showcasing outstanding student research.

**John Commito, Professor of Environmental Studies**, with co-author Ann Commito, presented a talk titled “Slip-Sliding Away: The Mathematics of Slide Rule Calculation” at the

38<sup>th</sup> American Mathematical Association of Two-Year Colleges (AMATYC) Annual Conference, Jacksonville, FL, November 8-11, 2012. With Ann Commito, Chair, Mathematics Department, Frederick Community College, John presented a talk on the historical development and mathematical underpinnings of the logarithm-based calculating machine known as the slide rule or “slip-stick.” Much of the presentation was based on objects from John’s extensive slide rule collection.

**Commito**, with staff co-author **Andrew Wilson, Visiting Assistant Professor of Environmental Studies**, student co-author **Alyse Yeager ('12)**, and co-author Lin Schwarzkopf, presented a talk titled “Catching Cane Toads: Determining Biological Differences in Cane Toad (*Rhinella marina*) Trappability and Assessing the Effect of Acoustic Attractant Position on Cane Toad Capture Rates” at the Organization of Fish and Wildlife Information Managers Annual Conference, Austin, TX, November 15, 2012. Alyse presented the results of collaborative work between Gettysburg College and James Cook University in Australia. We studied the effects of acoustic and visual cues that can be used to trap the large, poisonous, invasive cane toad in Australia. The results will be useful to environmental managers searching for ways to control the spread of this introduced species.

**Commito**, with co-presenter Ann Commito, presented a talk titled “Slide Rules Rule!” at the Association of Faculties for Advancement of Community College Teaching (AFACCT) Annual Conference, “Flipped, Blended, Mobile, Collaborative, and Flexible Approaches to Teaching and Learning,” Frederick Community College, Frederick, MD, January 10-11, 2013. Ann and John presented a talk on the utility of hand-held, analogue slide rules when teaching students about mathematical relationships and the art of estimation. Understanding of multiplication, division, roots, trigonometric functions, and other mathematical and engineering applications can be enhanced when students are exposed to the logic behind non-digital, logarithm-based calculating devices like the slide rule.

**Commito**, with student co-authors **Brittany Jones ('12)**, **Mitchel Jones ('12)**, and **Sondra Winders ('14)**, presented a talk titled “Reefer Madness: Shell Hash Expands Spatial Extent of Bivalve Reef Impacts on Ecosystem Processes” at the 42<sup>nd</sup> Annual Benthic Ecology Meeting, Georgia Southern University, Savannah, GA, March 20-23, 2013. John and his students presented a talk on their research dealing with the impacts of the so-called “ecosystem engineer” *Mytilus edulis* (mussel beds) in the Maine coastal zone. They showed that huge amounts of shell material covers the seafloor and has significant impacts on the sediment characteristics and animal assemblages living in this environment.

**Commito**, with student co-authors **Jones, Jones**, and **Winders**, presented a talk titled “Live Mussels and Shell Hash Alter Sediment Flux and Macrofauna and Meiofauna Dispersal” at the 42<sup>nd</sup> Annual Benthic Ecology Meeting, Georgia Southern University, Savannah, GA, March 20-23, 2013. John and his students presented the results of a research project in coastal Maine that demonstrated significant effects of mussel beds on sediment transport and animal dispersal rates across the seafloor. Their work supports the idea that ecosystem processes can be greatly influenced by the physical structures created by organisms that live at the bottom of the sea.

**Veronica Dexheimer, Adjunct Assistant Professor of Physics**, presented a seminar titled “Magnetic Field Effects on the EOS at Finite Temperature” in the workshop “Nuclear Equation of State for Compact Stars and Supernovae,” Frankfurt Institute for Advanced Studies (FIAS), November 28-30, 2012, Frankfurt am Main, Germany. The work describes thermodynamic properties of an ensemble of spin one-half particles in the presence of a homogenous background magnetic field. The magnetic field direction breaks spherical symmetry causing the pressure transverse to the magnetic field direction to be different than the pressure parallel to it.

**Dexheimer** presented a seminar titled “Deconfinement to Quark Matter in Neutron Stars: The Influence of Magnetic Fields” at Extreme QCD (xQCD), George Washington University, Washington, DC; August 21-23, 2012. The work describes the effects of strong magnetic fields and anomalous magnetic moment in the macroscopic properties of the star, such as mass, adiabatic index, moment of inertia, and cooling curves.

**Cecilia Diniz Behn, Assistant Professor of Mathematics**, delivered an invited presentation titled “Time to Sleep: Modeling Interactions between Circadian and Sleep-Wake Regulatory Systems” at the Applied Math Colloquium, Shippensburg University, Shippensburg, PA, November 2012. The lecture described mathematical approaches to understanding the interactions among neuronal populations regulating sleep and circadian systems. A prediction of the modeling work involved the necessity of multiple neurotransmitters/neuropeptides for circadian signaling.

**Diniz Behn** delivered an invited presentation titled “Dynamics of Sleep-Wake Regulation” at the Bryn Mawr-Haverford Mathematics Colloquium, Bryn Mawr College, Bryn Mawr, PA, March 4, 2013. The presentation described mathematical techniques for analyzing the dynamics associated with neuronal regulation of sleep-wake behavior, and addressed both deterministic and stochastic techniques for modeling neuronal interactions governing sleep-wake behavior in rodents.

**Diniz Behn** delivered an invited presentation titled “Dynamics of Sleep-Wake Regulation” at the Special Session on Mathematics for Human Physiology and Disease at the Association for Women in Mathematics Research Symposium, Santa Clara University, Santa Clara, CA, March 16-17, 2013. The lecture describes mathematical techniques for analyzing the dynamics associated with neuronal regulation of rapid eye movement sleep and implications for the ultradian rhythm in human sleep-wake behavior.

**Kay Etheridge, Professor of Biology** delivered an invited presentation titled “Maria Sibylla Merian and the Transformation of Natural History” at the Mark Catesby Tercentennial Conference, held in Richmond, VA, Washington, DC, and Charleston, SC, November 4-9, 2012. The presentation focused on Merian’s influence on naturalists such as Mark Catesby.

**Suzanne J. Flynn, Associate Professor of English**, presented a paper titled “‘Tis Nater After All, and What Do Please God’: The Nature of Nature in Hardy’s *Tess of the d’Urbervilles*” at the College English Association Conference, Savannah, GA, April 4-7, 2013. This paper explored the way Romantic and Darwinian perspectives are woven through Hardy’s most famous tragic novel. The title character combines, but ultimately transcends, these two radically different approaches to nature.

**Shelli Frey, Assistant Professor of Chemistry**, with student co-authors **Luke Cuculis (‘12)** and **Nicole Meredyth (‘11)**, presented a poster titled “Surfactants Alter Nanoparticle-Model Cell Membrane Interactions” at the Biophysical Society Annual Meeting, Philadelphia, PA, February 2-6, 2013. Due to their small size, nanoparticles (NPs) have the ability to penetrate cell membranes, and are therefore classified as potential human carcinogens. This penetration behavior also proves useful for drug delivery and gene therapy applications prompting a need to more thoroughly characterize NP/membrane interactions. Here, the authors explore how surfactants can be used to modify these interactions.

**Cassie M. Hays, Assistant Professor of Sociology**, presented a paper titled “Violent Natures: From Coercive Conservation to Climate Change” at the Annual Meeting of the American Anthropological Association, San Francisco, CA, November 14-18, 2012. Since the colonial era, African natures—both external landscapes and internal human dispositions—have been constructed as violent via the parallel ideologies of wildlife conservation and climate change. Each system of thought employs science and technology to cast the poverty-stricken, racialized “other” in the role of the enlightened noble conservationist; evil instigator of anti-conservationist or climate

change-inducing practices; or victim of the violent environments engendered by conservation and climate change. "Violent Natures" thus explores the racialization of nature by connecting the parallel stories of conservation and climate change in Africa.

**Sherman Hendrix, Professor Emeritus of Biology**, presented a paper titled "Helminth and Myxozoan Parasites of Fishes of the Great Smoky Mountains National Park (GSMNP)" at the Discover Life in America (DLIA) conference, Gatlinburg, TN, March 21-23, 2013. 116 of 175 fishes, or 66%, of 21 GSMNP fish species examined at Gettysburg College were found to have at least one parasite species present. Most, if not all, of these parasites constitute new locality records for GSMNP. Some also represent probable new host records. This work was supported by a research grant from the DLIA.

**Jessica Howard, Electronic Resources & Web Services Librarian, Musselman Library**, presented a paper titled "Making Your Mobile Device an Art Expert: Using QR Codes to Tell the Story Behind artiFACTS in Your Library," written with staff co-author **Carolyn Sautter, Director of Special Collections & College Archives**, at the Annual Conference of the Pennsylvania Library Association (PaLA), Gettysburg, PA, September 30-October 3, 2012. In this presentation, we explain how Gettysburg College is using QR codes to tell the stories behind public art in Musselman Library.

**Howard** presented a poster titled "Understanding Discovery: Evaluating the Use and Impact of the EBSCO Discovery Service," written with staff co-authors **Ronalee Ciocco, Director of User Services**, and **Donna Skekel, Serials & Electronic Resources Librarian**, at the Annual Conference of the Pennsylvania Library Association (PaLA), Gettysburg, PA, September 30-October 3, 2012. More than a year after implementing the EBSCO Discovery Service, we have used website statistics, usability tests, and interlibrary loan data to assess how the service is being used. In this poster session we discussed what we learned and the implications for our library and our patrons.

**Devin McKinney, Archives Assistant, Musselman Library**, gave an invited talk at the Westport Public Library, Westport, CT, October 10, 2012. The talk was on the life and career of Henry Fonda as depicted in *The Man Who Saw a Ghost*, McKinney's biography of the actor.

**McKinney**, with co-presenter Tom Kipp, gave a talk titled "Which Beatles Album Is Actually the Best?" at the Experience Music Project Pop Conference, EMP Museum, Seattle, WA, April 20, 2013. McKinney argued for *The Beatles* (aka the White Album) as the pinnacle of the group's achievement in the long-player form.

**Kaoru Miyazawa, Assistant Professor of Education**, presented a paper entitled "Influence of Globalization in Literacy Practices of Mexican Children in Central Pennsylvania" at the 34<sup>th</sup> Annual Ethnography in Education Research Forum, University of Pennsylvania, Philadelphia, PA, February 22-23, 2013. The paper is based on the preliminary findings of the ethnographic study conducted in Adams County on migrant children's out-of-school literacy practices.

**Voon Chin Phua, Associate Professor and Chairperson of Sociology**, with student co-author **Douglas Berkowitz '10**, presented the paper "Ethnic Tourism in Singapore" at the Hong Kong International Conference on Education, Psychology and Society (HKICEPS), Hong Kong, China, December 14-16, 2012. This paper examines how non-Asian tourists experience ethnic tourism in Singapore.

**Sarah Principato, Associate Professor of Environmental Studies**, with student co-authors **Christina M. Jasion ('13)**, **Alexis N. Moyer ('13)**, **Cole D. Rossiter ('14)**, **Elizabeth G. Rouillard ('13)**, **Rebecca A. Taormina ('13)**, and **Brian D. Wooldredge ('13)**, presented a poster titled "Physical Weathering at Devil's Den, Gettysburg National Military Park, PA" at

the national Geological Society of America (GSA) meeting, Charlotte, NC, November 3-7, 2012. The poster, which was also printed in the conference publication *Abstracts with Programs* 44:7, presented a quantitative analysis of fracture patterns at Devil's Den, results of which provide evidence for periglacial activity in Gettysburg.

**Principato**, with student co-authors **Andrew C. Reed ('10)**, **Julie T. Markus ('09)**, **Gregory J. Baron ('10)**, and **Alyson G. Hampsch ('14)**, presented a paper entitled "A Record of Holocene Environmental Change Interpreted from Peat in Eastern Maine" at the Northeastern Section of the 48<sup>th</sup> Annual Meeting of the Geological Society of America (GSA), Bretton Woods, NH, March 18-20, 2013. Based on analyses of peat, the presenters interpret a warm and dry early Holocene, and at least two episodes of storminess during the mid to late Holocene.

**Principato**, with student co-author **Jessica F. Lee ('13)**, presented a poster entitled "Using GIS to Reconstruct Paleo Equilibrium Line Altitudes from Cirques in Northwest Iceland" at the 43<sup>rd</sup> Annual International Arctic Workshop, University of Massachusetts, Amherst, MA, March 11-13, 2013, and at the Northeastern Section of the 48<sup>th</sup> Annual Meeting of the Geological Society of America (GSA), Bretton Woods, NH, March 18-20, 2013. The presenters developed a new method for quantifying snowlines and provided a detailed reconstruction of cirque glaciers on northwest Iceland. Based on reconstructed cirque glaciers, they determined that moisture source played a bigger role in cirque formation than temperature.

**Principato**, with student co-author **Alexis N. Moyer ('13)**, presented a poster entitled "Using GIS and Streamlined Landforms to Interpret Paleo-Ice Flow in Northern Iceland" at the 43<sup>rd</sup> Annual International Arctic Workshop, University of Massachusetts, Amherst, MA, March 11-13, 2013, and at the Northeastern Section of the 48<sup>th</sup> Annual Meeting of the Geological Society of America (GSA), Bretton Woods, NH, March 18-20, 2013. The presenters' analyses provide evidence for an ice stream in northern Iceland during the last glacial maximum.

**Principato**, with student co-author **Nikita La Cruz ('13)** and staff co-author **Joseph Grzybowski, Professor of Chemistry**, presented a poster entitled "Assessing the Impact of Industrialization on Lead Levels in Soils on the Gettysburg College Campus: A Chemical and Spatial Analysis" at the Northeastern Section of the 48<sup>th</sup> Annual Meeting of the Geological Society of America (GSA), Bretton Woods, NH, March 18-20, 2013. Chemical analyses of soil at industrialized and non-industrialized areas were compared, and GIS was used to make a map of predicted lead content in soil on campus.

**Radost Rangelova, Assistant Professor of Spanish**, presented a paper titled "Latinidad, Border-Crossing, and Rita Indiana's Cyber Politics" at the 10<sup>th</sup> Biennial Conference of the Puerto Rican Studies Association, State University of New York (SUNY), Albany, NY, October 24-28, 2012. The paper analyzes the Dominican artist's album *El Juidero*, a collective text that constructs a transnational queer identity critiquing essentialist notions of Latinidad. It not only crosses national borders and establishes transnational connections between Puerto Rico, the Dominican Republic, and New York, but also transgress other borders—of gender and genre, language, contemporary reality, historical memory, and visions of the future that are both fantastic and political.

**Rangelova** presented a paper titled "Espacios femeninos, lugares de la memoria, y la re-escritura de la historia en la literatura dominicana diaspórica" at the Congreso Internacional de Literatura Hispánica, Santo Domingo, Dominican Republic, March 12-15, 2013. The paper analyzes the ways in which the spaces of the house, the city, and the island function as *lieux de mémoire* for the construction of a diasporic identity in Dominican literature.

**Kathryn Rhett, Associate Professor of English**, with fellow nonfiction writer Jessica Handler, gave a lecture and workshop titled "Writing through Grief" at the Power of Words Conference,

Goddard College, Plainfield, VT, September 3-7, 2012. This annual conference is organized by the Transformative Language Arts Network, in partnership with Goddard College, to “explore how we can use our words (written, spoken or sung) to make community, deepen healing, witness one another, wake ourselves up, and foster empowerment and transformation.” Our presentation addressed the ways in which writers work with emotionally difficult material, moving through their own trauma or grief to create powerful, effective writing. This is the second presentation that Jessica and I have given on this subject; the first, at the University of Iowa, focused on the coincidence of therapeutic and literary writing methods, whereas this one focused on craft techniques.

**William Rosenbach, Professor Emeritus of Management**, participated in a symposium at the 49<sup>th</sup> Annual Meeting of the Eastern Academy of Management, Philadelphia, PA, May 9-12, 2012. The symposium, titled “Where Followership and Leadership Meet: Conversations at the Intersection,” was selected as the best of the conference and included in the *Proceedings*. This symposium focused on the dynamic interaction between followers and leaders and the lack of attention to the role of followers.

**Jack Ryan, Vice Provost**, delivered a paper titled “United Artists on the Hudson: John Sayles’s Filmmaking Persistence,” at the Literature and Film Association conference, “21st Century Hollywood,” York College, York, PA, October 11-14, 2012. This paper, part of a panel chaired by Dr. Ryan, considers the difficulty that John Sayles and his filmmaking collaborators have faced since the release of *Honeydripper* (2007) by examining how the shift in film-viewing habits and new filmmaking technologies have challenged Sayles’s ability to produce and distribute his films. The paper also examines the innovative distribution techniques now used by Anarchists’ Convention, the production company Sayles and his partner Maggie Renzi own, to place Sayles’s films into limited release.

**Megan Adamson Sijapati, Assistant Professor of Religious Studies**, delivered a paper, “Sufis, Kings, Reformists and the State: Contrasting Narratives and Contemporary Debates about Religious Space and Belonging in Nepal,” at the 41st Annual Conference on South Asia, University of Madison-Wisconsin, Madison, WI, Oct. 11-14, 2012. Based on her field research in Nepal, Sijapati’s paper was part of a panel titled “Performing Modernity in Kathmandu: Constructing and Corrupting Hindu, Muslim, and Royal Identities.”

**Sijapati** delivered a paper, “Muslim Magic and Hindu Power in Nepal’s Kashmiri Muslim Oral Histories,” at the Himalayan Studies Conference, Western Michigan University, Kalamazoo, MI, Sept. 21-23, 2012. The paper was part of a roundtable titled “Crossing Religious Boundaries in Nepal and the Himalayas.”

**Dustin Beall Smith, Visiting Assistant Professor of English**, presented a talk titled “What Failure Really Is” at the annual Association of Writers and Writing Programs (AWP) Conference, Boston, MA, March 8, 2013. The talk proposed a new way to look at what we call “failed” writing.

**Meggan Smith, Reference & Instruction Librarian at Musselman Library**, with co-author Kayla Lenkner, presented a poster titled “Making IL Relevant: Creating Engaging IL Experiences for Students” at the Annual Conference of the Pennsylvania Library Association (PaLA), Gettysburg, PA, September 30-October 3, 2012. The poster highlighted the collaboration and instruction that took place during the spring of 2012 to incorporate information literacy into Dr. Amy Dailey’s Public Health course.

**Carolyn S. Snively, Professor of Classics**, delivered a paper titled “Local Industry and Trade Connections at Golemo Gradište, Konjuh” at a conference on “Early Byzantine City and Society,” Leskovac, Serbia, October 3-7, 2012. At this conference dedicated to the centenary of archaeological

research in Caričin Grad, Serbia, Snively discussed the possible trade routes connected with the city at Golemo Gradište and the evidence for mining and other commercial activities and crafts at the site. Golemo Gradište and Caričin Grad were both new cities, established in Late Antiquity.

**Barbara Sommer, Associate Professor of History**, delivered a paper titled “The Substance of Amazonian Sociality: Flesh, Food, Fluid, and Bones in Colonial Context” at the 60<sup>th</sup> Annual Conference of the Rocky Mountain Council on Latin American Studies, Santa Fe, NM, April 3-6, 2013. The paper employs recent ethnographic understandings about the interrelation of bodily substance and sociality in reinterpreting Portuguese and Spanish colonial texts to reveal native attitudes and actions that were central to social and political interactions.

**Deborah Sommer, Associate Professor of Religious Studies**, presented the public lecture “東歐漢學的過去與現在” (Chinese Studies in Eastern Europe, Past and Present) in Guangzhou, China, November 17, 2011. The invited lecture was sponsored by the Department of Philosophy, Sun Yat-sen University.

**Sommer** presented the public lecture “西方文化中的孔子” (Confucius in the West) in Fuzhou, China, December 14, 2011. The invited lecture was sponsored by Fujian Hwa Nan Women’s College 福建華南女子學院, one of the few private women’s colleges in China.

**Sommer** presented the public lecture “孔子在西藏” (Confucius in Tibet) in Beijing, China, March 9, 2012. The invited lecture was sponsored by the Institute of Ethnology and Anthropology of the Central University for Nationalities (Zhongyang Minzu Daxue 中央民族大學).

**Sommer** presented the public lecture “早期中國文獻中的身體與自我概念” (Concepts of Body and Self in Early Chinese Texts) in Guangzhou, China, March 16, 2012. The invited lecture was sponsored by the Chinese Philosophy Institute 中國哲學研究所 of the Department of Philosophy at Sun Yat-sen University 中山大學哲學系.

**Sommer** gave two presentations at the New York Conference on Asian Studies (NYCAS), State University of New York at New Paltz, September 28-29, 2012. The first, “Hidden Violence: Reinventing Visual Histories of Desecration at Qufu,” was part of the panel “Violence Perpetrated and Reinvented: Cultural Revolution Narratives of Confucius’s Birthplace.” The second, “Chinese Studies in Eastern Europe,” was part of the roundtable “Whither Confucianism: The State of Confucianism in Contemporary Chinese Politics and Society.” The NYCAS conference is the annual meeting of the New York regional section of the Association of Asian Studies.

**Sommer** presented the invited paper “Cultivating Body and Self in Early Chinese Texts” at the Third Cross-Strait Religious Encounter Forum, Tiandijiao Conference Center, Taiwan, December 21-23, 2012. This international conference was sponsored by a Daoist organization, the Society for the Study of Religious Philosophy. It was convened at the Tiandijiao Conference Center at Leili’e, the society’s main sacred site, located near Sun Moon Lake in central Taiwan.

**Sommer** presented the invited paper “Cultivating Body and Self in Early Chinese Texts” at the Third Cross-Strait Religious Encounter Forum, Tiandijiao Conference Center, Sun-Moon Lake, central Taiwan, December 21-23, 2012. The paper explores the somatic significance of the term *xiu*, or cultivation, in third-century BCE texts.

**Sommer** presented a paper titled “The Body of Confucius in Han Apocrypha” at the Columbia University Seminar on Neo-Confucian Studies, New York, NY, March 1, 2013. This seminar meets monthly at the Heyman Center for the Humanities, Columbia University. The paper explores the symbolic construction of the body of Confucius in fourth-century divinatory texts.

**Sommer** moderated the panel “Facts and Values in Neo-Confucianism” at the International Conference on Nature and Value in Chinese and Western Philosophies, Rutgers University, New Brunswick, NJ, April 4-5, 2013. The conference was the Inaugural Rutgers Workshop on Chinese Philosophy.

**Divonna Stebick, Assistant Professor of Education**, with staff co-author **Janelle Wertzberger, Director of Reference & Instruction, Musselman Library**, and student co-authors **Margaret E. Flora ('13)** and **Joe W. Miller ('13)**, presented a paper titled “Assessing the Research Process Improves the Product: Results of a Faculty-Librarian Collaboration” at the Annual Meeting of the American Educational Research Association, San Francisco, CA, April 27-May 1, 2013. This study examines the outcomes of our collaborative experience introducing information literacy as the foundation for undergraduate teacher education research, focusing on assessment of the student research process.

**Eileen Stillwaggon, Professor of Economics**, delivered invited lectures at the Centro de Epidemiologia, Universidade Federal de Pelotas, in Rio Grande do Sul, and at the Faculty of Epidemiology of the Universidade Federal do Rio Grande do Sul in Porto Alegre, Brazil, in October 2012. The lectures, titled “Environmental Risks and Infectious Diseases: An Economist’s View,” addressed the economic and social contexts that promote emerging and persistent parasitic and infectious diseases.

**Stillwaggon** presented a paper titled “Congenital Toxoplasmosis: Modeling the Cost of Maternal Screening in Brazil” at the XVIII International Congress for Tropical Medicine and Malaria, Rio de Janeiro, Brazil, September 23–27, 2012. The paper discusses the challenges in applying Stillwaggon’s 2011 decision model (created with student co-author **Chris Carrier, '11**) to Brazil.

**Stillwaggon** presented two posters, “Genital Health, Tropical Epidemiology, and HIV-prevention Policy” and “Methodological Flaws of STI-HIV Prevention Trials,” at the XVIII International Congress for Tropical Medicine and Malaria, Rio de Janeiro, Brazil, September 23–27, 2012.

**Stillwaggon** delivered an invited lecture titled “The Ecology of Poverty: Identifying and Addressing Health Disparities in Tunisia” at the Open Forum, “Tunisia without Poverty,” Tunis, Tunisia, November 19, 2012. Stillwaggon was invited by the Office of the President of Tunisia to address the Forum while in Tunis as a member of an international Consultative Group invited by the president.

**Stillwaggon** gave an invited seminar for faculty and students at the Department of Parasitology-Mycology of Hôpital Cochin, University of Paris, November 26, 2012. The topic of the seminar, “Congenital Toxoplasmosis: Modeling the Cost of Maternal Screening in Brazil and France,” is a continuation of the work published by Stillwaggon with student co-author **Carrier, '11**.

**Michael Strickland, Assistant Professor of Physics**, delivered an invited talk titled “Thermal Upsilon Suppression, Extreme QCD,” at George Washington University, Washington, DC, August 2012. This talk focused on Dr. Strickland’s work on bottomonium suppression. “Bottomonium” is the generic term for a bound state of a bottom and antibottom quark. Such states are expected to “melt” at temperatures on the order of  $10^{13}$  Kelvin which are currently probed in relativistic heavy ion collisions at the Large Hadron Collider at CERN.

**Strickland** delivered an invited talk titled “The Chromo-Weibel Instability in an Expanding Background” at the International Symposium on Multiparticle Dynamics, in Kielce, Poland, September 2012. This talk focused on Dr. Strickland’s work on non-Abelian plasma instabilities in the quark gluon plasma, and presented results of new state-of-the-art simulations of the complicated non-equilibrium dynamics of such plasma instabilities.



**Strickland** presented a talk on “Bottomonium Suppression in Heavy Ion Collisions” at the fifth annual International Workshop on Heavy Quark Production (IWHQP) in Heavy-Ion Collisions, University of Utrecht, the Netherlands, November 14, 2012. The thermal suppression of heavy quark bound states represents an ideal observable for determining if one has produced a quark gluon plasma in ultrarelativistic heavy-ion collisions. In recent years, however, a paradigm shift has taken place in the theory of quarkonium suppression due to new first-principles calculations of the thermal widths of these states. These thermal widths are large, e.g., O(20-100 MeV) for the Upsilon, and cause in-medium suppression of the states at temperatures below their traditionally defined disassociation temperatures. In order to apply the newly developed understanding to phenomenology, however, one must make detailed space-time models of the plasma including the effects of finite shear viscosity. These effects include not only the modification of the time evolution of the temperature of the system, flow, etc., but also the emergence of potentially large local momentum-space anisotropies which can affect the in-medium properties of the states. I present comparisons of theory with data from RHIC 200 GeV/nucleon Au-Au collisions and LHC 2.76 TeV/nucleon Pb-Pb collisions as a function of number of participants, rapidity, and transverse momentum.

**Strickland** delivered an invited online seminar on “Anisotropic Hydrodynamics” to the JET Collaboration on December 18, 2012. The JET Collaboration is a group of leading scientists from 11 research universities who are focused on describing the propagation of high-energy particles in the quark gluon plasma. Dr. Strickland has been asked to join the collaboration and as his first task gave this seminar on his new work on anisotropic dynamics.

**Katrien Vanpee, Resident Fellow in Arabic**, delivered a conference paper titled “Nabati Poetry as National Duty: Poetic Expressions of National and Regional Allegiance in Qatari and Emirati Praise Poems” at the Annual Meeting of the Middle East Studies Association (MESA), Denver, CO, November 17-20, 2012. This paper, part of a panel devoted to literary performance, investigates the visual and verbal expressions of loyalty of citizens of Qatar and the United Arab Emirates to their regimes, particularly in the form of oral vernacular Arabic praise poems.

**Kerry Wallach, Assistant Professor of German Studies**, presented a paper titled “Self-Erasure as Salvation: The Disappearing Acts of Actress Elisabeth Bergner” at the 36<sup>th</sup> Annual Conference of the German Studies Association, Milwaukee, WI, October 4-7, 2012. This paper reads Bergner’s performances as cinematic expressions of Jewish women’s self-erasure via suicide and disappearance in the films *Fräulein Else* (1929) and *Dreaming Lips* (1932), both directed by Paul Czinner.

**Janelle Wertzberger, Director of Reference & Instruction, Musselman Library**, presented a poster titled “Is an Institutional Repository Right for your Small College Library?” at the national conference of the Association of College & Research Libraries (ACRL), Indianapolis, IN, April 10-13, 2013. Naturally, the poster has been archived in our open access institutional repository, The Cupola.

**Andy Wilson, Visiting Assistant Professor of Environmental Studies**, with student co-authors **Paul Di Salvo ('13)**, **Kalley Hansel ('14)**, and **Jess Zupancic ('14)**, presented a poster titled “The Status of a PA Endangered Bird—The Upland Sandpiper” at the Joint Annual Conference & Workshop of the Pennsylvania Chapter of the Wildlife Society and Pennsylvania Biological Survey, State College, PA, March 22-23, 2013. The poster was based on field research by Wilson and four Gettysburg College students in May 2012, and an ES312 (Environmental Application of GIS) class project by Hansel and Zupancic. The poster won an award for Best Student Poster.

**Wilson**, with student co-author **Daniel Williams ('14)** and co-author Dan Brauning, presented a talk titled “The Importance of Public Lands for Forest Interior Birds in Pennsylvania” at the

Joint Annual Conference & Workshop of the Pennsylvania Chapter of the Wildlife Society and Pennsylvania Biological Survey, State College, PA, March 22-23, 2013. An analysis of bird survey data from across Pennsylvania shows that forests on public lands (state and federal) support higher abundances of forest birds than do private forest lands. Part of the analysis was conducted by **Danny Williams ('14)** for his ES230 (Introduction to GIS) class project.

**Randall K. Wilson, Associate Professor of Environmental Studies**, presented a paper entitled "Old Faithful, Smokey the Bear and Uncle Sam: Public Lands as a Reflection of American Identity" at the Austrian-American Fulbright Commission Annual Conference in American Studies, Altenmarkt im Pongau, Austria, April 10-12, 2012. The paper examines the way public land icons serve to reproduce and perpetuate certain conceptual assumptions of nature in American society.

**Wilson** delivered a paper entitled "Assessing Collaborative Conservation on US Public Lands in the American West" at the International Union of Forest Research Organizations (IUFRO) Forests for People Conference, Alpbach, Austria, on May 24, 2012. This paper presents a contextualized approach for categorizing collaborative resource management initiatives on federal lands in terms of group participation, decision-making protocol, and management priorities.

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#### PROFESSIONAL DISTINCTIONS AND AWARDS

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**Judith Allen Brough, Professor Emeritas and former chair of the Education Department**, was presented with the John H. Lounsbury Award at the annual conference of the Association for Middle Level Education (AMLE), Portland, OR, November 8, 2012. The Lounsbury Award, the highest award given by AMLE, is given only when an individual has demonstrated a level of service, integrity, and leadership in middle level education that warrants this special recognition. The award's recipient is required to have made a global impact on middle level education; devoted a minimum of ten years of actively demonstrated, distinguished service; established a reputation as a national and global education leader; demonstrated scholarship of the highest level in professional writing and research; and maintained dedicated service to middle level education beyond the local, state, or regional level. The recipient should also be known as a person of high personal ethics, reflecting a model of exemplary behavior and reputation associated with the spirit of the award.

**Zach Coble, Systems and Emerging Technologies Librarian, Musselman Library**, was named an American Library Association Emerging Leader, Class of 2013. ALA Emerging Leaders is a leadership-development program which enables newer library workers from across the country to participate in problem-solving work groups, network with peers, gain an inside look into ALA structure, and have an opportunity to serve the profession in a leadership capacity.

**Kay Etheridge, Professor of Biology**, with staff partner **Valerie Stone, Adjunct Instructor of Biology**, received a grant for \$11,000 from TE Foundation to support pre-college science education in south-central Pennsylvania. The grant will support operating expenses and supplies for Advancing Science, a program that makes up to 30,000 K-12 student contacts per year.

**Brian Meier, Associate Professor of Psychology**, with co-researchers Scott G. Engel and Michael D. Robinson, received a grant for \$55,682 from the National Confectioners Association for a project titled "The Sweet Life: An Examination of the Effect of Mindful Candy Consumption on Mood." This project will examine the effect of mindfulness and candy consumption on various indicators of mood and well-being.

**Michael Ritterson, Professor Emeritus of German Studies**, has been nominated for the 2013 Pushcart Prize anthology for his translation of a story, "The Wild Huntsman," by contemporary German writer Utz Rachowski, which appeared in the spring 2012 issue of *The Literary Review*.

**Ryan Teitman, Emerging Writer and Lecturer in the Department of English**, was awarded the A. Poulin Jr. Poetry Prize for his first collection, *Litany for the City* (Rochester, NY: BOA Editions, 2012).

**Randall K. Wilson, Associate Professor of Environmental Studies**, was awarded a Fulbright Visiting Professor Award at the University of Vienna, Austria for the Spring 2012 semester. Appointed to the Department of American Studies, Wilson taught courses in American Environmental Politics and Literature and pursued research on forest management.

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### CREATIVE ACTIVITY

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**Gary Ciocco, Adjunct Assistant Professor of Political Science**, read three of his poems, selected for publication in the 2013 *Backbone Mountain Review*, at the Allegany Arts Council, Cumberland, MD, February 16, 2013. *The Backbone Mountain Review* is a literary journal that features the work of writers, poets and playwrights from Western Maryland and the surrounding region. It is published by the Allegany Arts Council, the Allegany County Library System, and the Frostburg Center for Creative Writing.

**Tina Gebhart, Assistant Professor of Art & Art History**, presented a grouping of nine cups at the invitational Cup Benefit Auction, Baltimore Clayworks Gallery, Baltimore, MD, September 2012. Sales of these exhibited cups help to fund artist residencies at the adjacent Clayworks studios. (A funded Clayworks residency helped Gebhart to start her studio career in 1996-1997.) The artwork was featured on the Clayworks Gallery website.

**Gebhart** presented a grouping of five cups (*Pair o' Pants, Body Column, Down Quilt, Cloth Column, and Cloud*) at the invitational exhibition "Source Material: Water & The Cup," Crimson Laurel Gallery, Bakersville, NC, November 2012. A strong online presence of this exhibition allows these pieces to be seen beyond the physical exhibition. (The artwork is featured on the Crimson Laurel Gallery website.)

**Gebhart** presented *DaVinci's Caving Clavicle, Dollup Whallup Bottle vase, Petrified Forest Mugs, and Flowers for Every Room* (vase series as listed above, though shown here under different titles) at the Gettysburg College Faculty Exhibition, Schmucker Art Gallery, November 2012. Her artwork *DaVinci's Caving Clavicle*, a bottle vase, was published on the exhibition showcard. Another artwork, *Double Belly Cup*, was featured on the Schmucker Art Gallery website.

**Gebhart** presented her artworks, sources, and design deconstructions at a public lecture at Anne Arundel Community College, Severna Park, MD, March 2013. The talk was part of a demonstration workshop on wheel-thrown and altered (off-the-wheel manipulation) techniques in porcelain.

**Gebhart** presented *Petrified Forest Mug* at the "Coffee, Tea, or...? II" juried exhibition at the Terra Incognito Gallery, Oak Park, IL, March 2013. This exhibition focused on a specifically wide array of drinking containers ranging from cordial glasses, teabowls, and steins to coffee mug formats. The artwork was featured on the Terra Incognito website.

**Gebhart** presented *Flowers in Every Room*, a set of five variant vases, in the juried exhibition “Bloom: A Celebration of Spring” at Studio 550 Gallery, Manchester, NH, April 2013. This exhibit focused on the flower as source material for artworks’ subject matter or utilitarian formatting. Gebhart’s artwork suggests a continuity of flowers for a joyful home interior, formally playing on the nature of a format series and variation on a theme—matching without being matchy.

**Gebhart** presented *Mottled Jade Mug* in “MUGShots: National Juried Exhibition” (juried by Eddie Dominquez) at the Lux Center for the Arts Gallery, Lincoln, NE, April 5 through May 25, 2013. This piece is particularly subtle in its glaze surface—phase-shifted, but smooth; chromatically steady, but reflectively patterned (a single glaze with a self-decorating nature). The artwork is featured on the Lux Center website.

**Gebhart** presented two artworks, *Corsetted Suspenders Mug* and *Ashed Jade Teabowl*, at the 12th Annual National Juried Cup Show (juried by Kirk Mangus) at Kent State University’s Downtown Gallery, Kent, OH, March-April 2013. This exhibition is a well-known national show one of the first to embrace the importance of the intimate cup format and has a strong viewer following. The artwork is featured on the Downtown Gallery’s Facebook page.

**Stacey Mastrian, Visiting Assistant Professor of Voice in the Sunderman Conservatory of Music**, sang Janáček in a recital with Toby Spence and Graham Johnson for Vocal Arts DC, at the Terrace Theater at the John F. Kennedy Center for the Performing Arts, Washington, DC, January 16, 2013. At the end of January, she also appeared with Opera Lafayette in *Lalla Roukh* at the Eisenhower Theater of the Kennedy Center and Rose Hall, Jazz at Lincoln Center, as well as recording for NAXOS. In March, in conjunction with pianist Scott Crowne, Mastrian performed a recital entitled “Post-Puccini: Modern Italian Vocal Music” at Fisher-Bennett Hall, University of Pennsylvania. Additionally, she sings with a percussion ensemble on the newly-released DVD *Thomas DeLio space / image / word / sound* (Neuma 450-201, 2013).

**Dustin Beall Smith, Visiting Assistant Professor of English**, gave a reading of his essay “being [t]here” at the annual Association of Writers and Writing Programs (AWP) Conference, Boston, MA, March 8, 2013. This personal essay investigates the vagaries of libido as one ages.

**Jocelyn A.K. Swigger, Associate Professor of Piano and Coordinator of Keyboard Studies, Sunderman Conservatory of Music**, played a recital with tenor Charles Blandy at Distler Performance Hall, Tufts University, Boston, MA, February 23, 2013. The concert included works by Poulenc, Ives, Harbison, Beck, and Zemlinsky.

**Kerry Wallach, Assistant Professor of German Studies**, was awarded the 2012 Women in German Dissertation Prize for her dissertation, *Observable Type: Jewish Women and the Jewish Press in Weimar Germany* (University of Pennsylvania, filed 2011). The prize was conferred at the 37<sup>th</sup> Annual Women in German Conference, Shawnee on Delaware, PA, October 25-28, 2012.

**Kevin Wilson, Associate Professor of Psychology**, is one of three recipients of a Cattell Sabbatical Award from the Association for Psychological Science (APS) for 2013. The award will provide financial support for his 2013-2014 sabbatical to the University of Auckland in New Zealand, where he will be conducting research on visuospatial deficits in patients with Huntington’s Disease. Wilson is the first person from Gettysburg College to receive this prestigious award, which has been given annually since 1974.





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